

**Alliance Regional Water Authority
Technical Committee**

REGULAR MEETING



ALLIANCE WATER

COMMITTEE MEMBER PACKETS

Wednesday, May 10th, 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, May 10th, 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, May 10th, 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 prior to 3:00 p.m. on May 10, 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 March 8, 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*

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- 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 and possible direction to Staff regarding the system for updating Sponsor water demand projections. ~ *Graham Moore, P.E., Executive Director and Jason Biemer, Director of Operations*
- F.5 Discussion of legislative issues for the 88th Texas Legislature and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*
- 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. ~ *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*

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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.*

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A. CALL TO ORDER

No Backup Information for this Item.

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B. ROLL CALL

NAME PRESENT

Blake Neffendorf

Derrick Turley

Paul Kite

Humberto Ramos

Tim Samford

Regina Franke

NON-VOTING MEMBERS PRESENT

Mayor Lee Urbanovsky

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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.

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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 Technical Committee Meeting held March 8, 2023. ~ *Graham Moore, P.E., Executive Director*

Attachment(s)

- 2023 03 08 Technical Committee Meeting Minutes

Technical Committee decision needed:

- Approval of minutes.



ALLIANCE WATER

Alliance Regional Water Authority

TECHNICAL COMMITTEE MEETING

MINUTES

Wednesday, March 8, 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, March 8, 2023 by telephonic conference call.

A. CALL TO ORDER.

The Alliance Water Technical Committee Meeting was called to order at 3:00 p.m. by Mr. Neffendorf.

B. ROLL CALL.

- **Present: Neffendorf, Turley, Kite and Ramos.**
- **Absent: Samford, Franke and Urbanovsky.**

C. PUBLIC COMMENT PERIOD

- **None.**

D. CONSENT AGENDA

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

- **Motion to adopt the minutes as presented was made by Mr. Neffendorf, seconded by Mr. Ramos and approved on a 4-0 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. Ramos inquired if there are any equipment delays.**
 - **Mr. Flinn responded that there have been some delays in specialty valves and some electrical gear.**
 - **Mr. Neffendorf asked for the anticipated completion date of the Plum Creek bore.**
 - **Mr. Flinn stated it's currently scheduled to be complete in late May and is close to the critical path for Segment A, but is not on the overall critical path for the Program.**
 - **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.**
 - **Mr. Ramos asked about the environmental investigation and whether it applies to migratory birds only or if other bird surveys are required.**
 - **Mr. Sowa noted the surveys are required for clearing activities and are only for migratory birds. Other environmental restrictions are listed in the individual permits.**
 - **No Action.**
- F.3 Discussion and possible recommendation to the Board regarding addition of ARWA logos on the elevated storage tanks.
- **Mr. Turley noted that they do experience confusion with retail providers where several are present.**
 - **Mr. Neffendorf agreed that there is already confusion, but that he likes the idea of a presence on the roadway.**
 - **Mr. Ramos noted that the CRWA tanks do not have logos, but that he could go either way.**
 - **Mr. Neffendorf requested a ballpark cost for updating a logo in the future.**
 - **Mr. Moore noted that this topic will be discussed with the Board as a whole in order to get direction.**
 - **No Action.**

F.4 Discussion of legislative issues for the 88th Texas Legislature and possible direction to Staff.

- **Mr. Moore discussed the key issues in the current legislative update.**
- **No Action.**

F.5 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
- D. Operation and Maintenance Agreement of Carrizo Regional Water Supply

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 4:03 p.m. based on the motion by Mr. Turley, seconded by Mr. Neffendorf and approved on a 4-0 vote.**

APPROVED: _____, 2023

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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 – May 1, 2023

Technical Committee Decisions Needed:

- None.



PHASE 1B CONSTRUCTION UPDATE

May 01, 2023

Water Resources | Transportation | Land Development | Surveying | Environmental

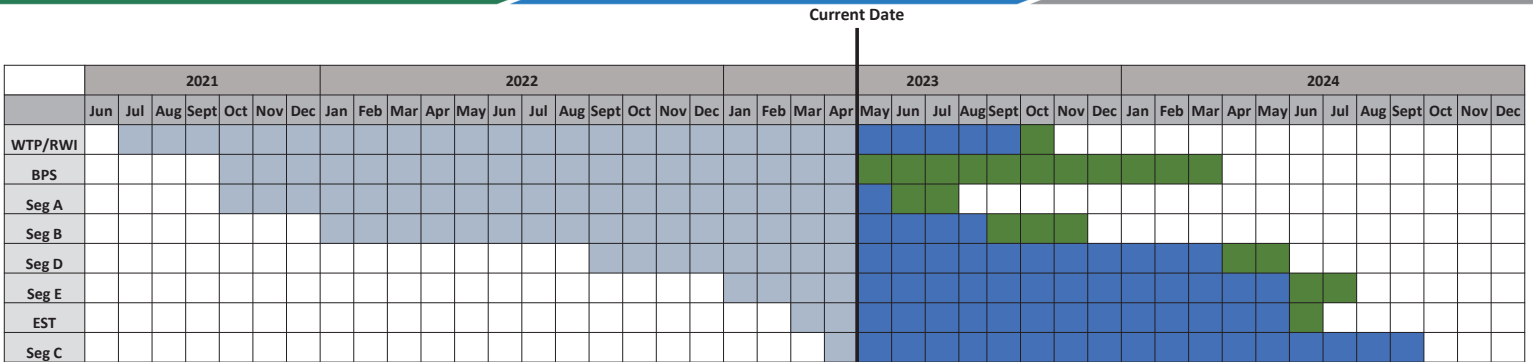


PROGRAM CONTRACT VALUES



PROJECT	CURRENT CONTRACT VALUE	BILLED TO DATE	REMAINING	% COMPLETE
WTP/RWI	\$55,002,687	\$38,309,313	\$16,693,374	69.65%
BPS	\$19,846,490	\$13,809,859	\$6,036,631	69.58%
Seg A	\$49,471,385	\$43,894,614	\$5,576,770	88.73%
Seg B	\$41,988,309	\$32,144,441	\$9,843,868	76.56%
Seg D	\$46,663,969	\$10,198,647	\$36,465,322	21.86%
Seg E	\$27,277,770	\$0	\$27,277,770	0.00%
EST	\$4,573,000	\$378,675	\$4,194,325	8.28%

PROGRAM SCHEDULE DURATIONS



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

3

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.
- Concrete placement for the HSPS slab.
- Excavation for the generator #1 pad and MSB-1.
- Continued painting of the filter complex process piping.
- Completed the Rapid Mix area retaining wall construction.
- Continued the 24" Backwash Supply yard piping installation.
- Continued the installation of the 4" plant water piping .
- Continued the WTP site culverts installation.
- Began the installation of the 4" sludge feed line to the drying beds.



WTP – PWL Welding Butt Strap on Pipe, inside of Meter Vault.

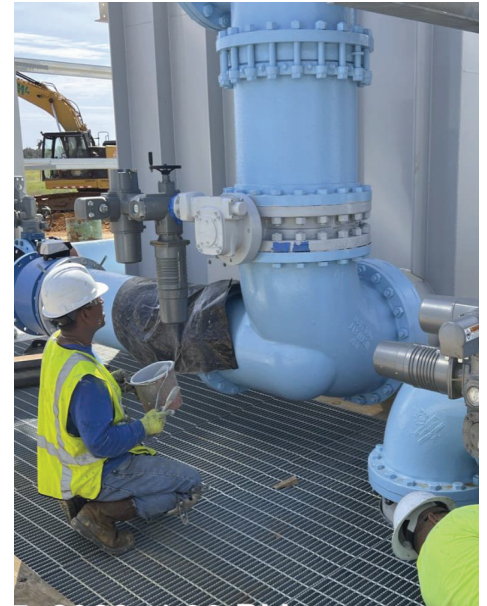
WTP/RWI - PROGRESS PHOTOS



WTP – Filter Complex Sanding & Cleaning Pipes for Paint



WTP – Filter Complex Painting Pipes



WTP – Filter Complex Painting FE Pipes
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 pad.
- Continue painting of the filter complex process piping.
- Continue the 24" Backwash Supply yard piping installation.
- Continue the installation of the 4" plant water piping .
- Continue the installation of the 4" sludge feed line to the drying beds.
- Continue the WTP site culverts installation.
- Complete the PEMB structural steel erection at the Filter Complex and HSPS Electrical building.



WTP – 48" Potable Water Line Welding Last Pipe

Booster Pump Station (MWH / Freese and Nichols)

Construction Status

- Completed 48" DIP from the pump station to GST.
- Continued installation of the ducttanks.
- Continued conduit rough-in at the pump station.
- Placed the pump station concrete pad.



BPS – Native Backfilling Efforts for Suction Line

BPS- PROGRESS PHOTOS



BPS – Formwork at Eastern End of
Pump Station Slab



BPS – Reinforced Steel for Pump
Station Slab



BPS – Pump Station Slab Protection from
Forecasted Rain

Booster Pump Station (MWH / Freese and Nichols)

Next Month - Projected Construction Activities

- Formwork removal for the pump station slab (corrections required)
- Install Segment B piping at the pump station to begin filling of the GST from San Marcos WTP.
- Backfill and site grading around the pump station and electrical building

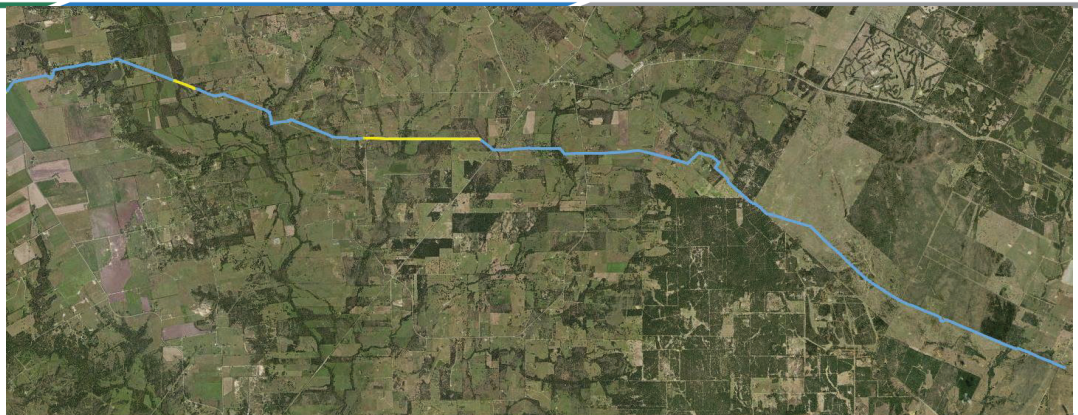


BPS – Anchoring Pipe Supports for Seg D Meter Vault Pipe

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	87%
Major Crossing (Plum Creek)	Pour mud slab and thrust blocking at Plum Creek

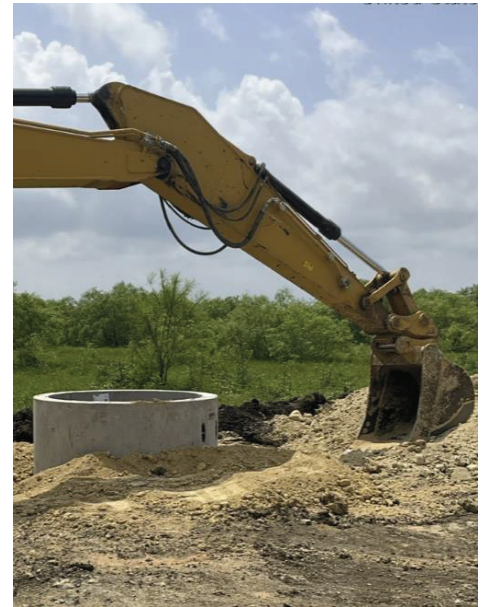
SEGMENT A - PROGRESS PHOTOS



Seg A – Garney Crew Receiving Precast Manhole Section



Seg A – Installing Manhole section



Seg A - Setting Manhole section at STA 854+68 **11**

Segment A (Garney Construction / LAN)

Next Month - Projected Construction Activities

- Pipe Installation
 - Continue stripping, trenching, and pipe installation operations with Crew 1, between FM 86 and Fox Lane.
 - Continue stripping, trenching, and pipe installation operations with Crew 3, West of Seawillow Road.
 - Crews are 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)
 - Pour mud slab and thrust blocking of launch shaft on West side of Plum Creek.
 - Dewater the receiving shaft at Plum Creek.
 - Mobilize 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.
- Meetings with GBRA on hydrostatic testing water requirements.

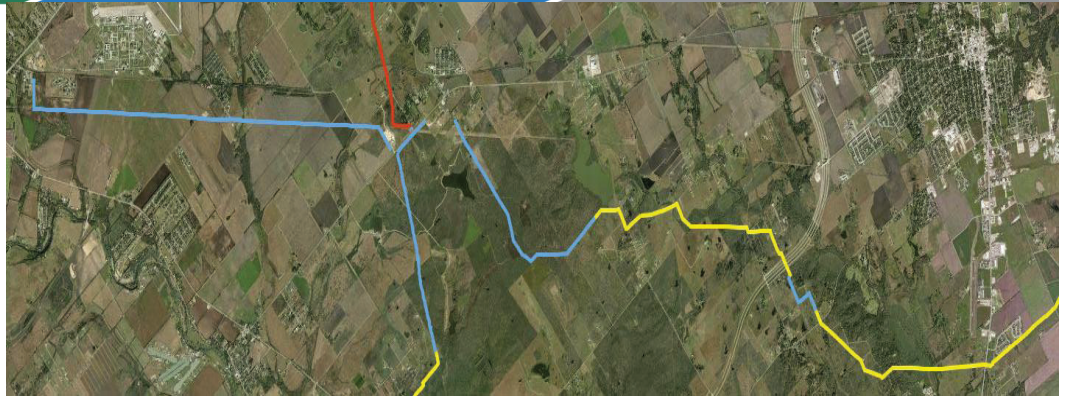


Seg A – Installing Pipe Piece 2520

Segment B (Garney Construction / K Friese)

Construction Status

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

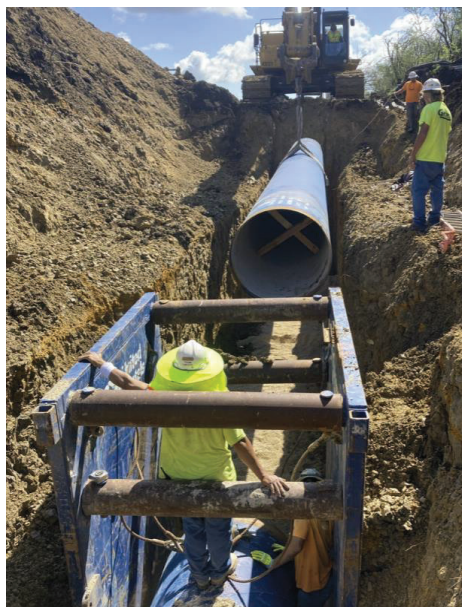


Activity	Status
ROW Cleared	100%
Pipe Delivered	100%
Tunnels Completed B1	100% (21 of 21)
Tunnels Completed B2	50% (2 of 4)
Pipe Installed	57%
Major Crossing (TX 130)	100%

SEGMENT B - PROGRESS PHOTOS



Seg B – Preparing Pipe for Placement



Seg B – Installing Pipe

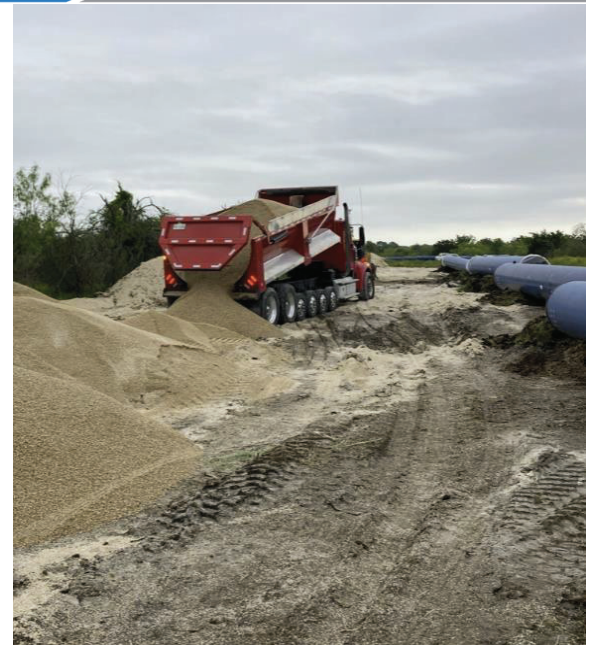


Seg B – Installing Pipe MK#2216

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
 - Finalize all outstanding submittals associated with SH 130 tunnel
- 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 2 of 4 (50%) 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.
- Work at completing hydrostatic testing on B2.
- Turn over water from SMWTP to MWH to start filling GST.



Segment A – Unloading Embedment Material

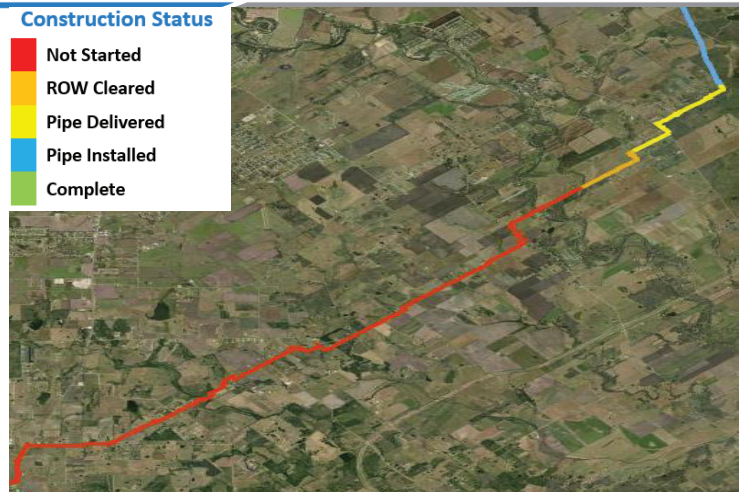
Segment D (SJ Louis / Freese & Nichols)

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 with culverts and leveling out easements for access with pipe trucks.
- Continued pipe laying operations between SH 142 and HWY 80.
- Welding operations are staying close behind laying operation and being completed in restrained sections on a weekly basis.
- Rain events slowed pipe installation on 4/21/23.
- Mobilizing tunneling subcontractor to HWY 80.

Construction Status

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



Activity	Status
ROW Cleared	31%
Pipe Delivered	23%
Tunnels Completed	0%(0 of 18)
Pipe Installed	11%
Major Crossing (San Marcos River Crossing)	0%

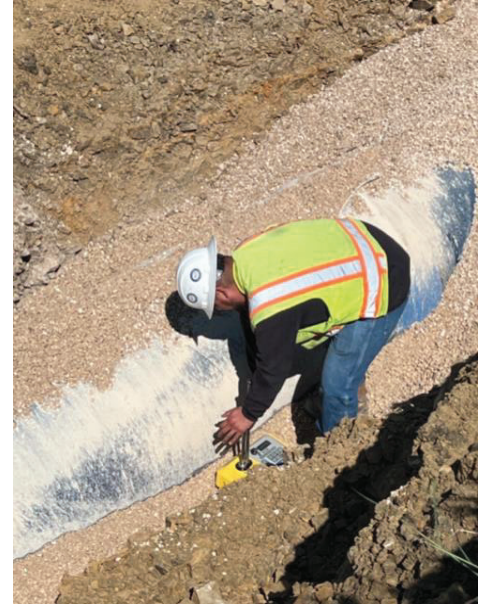
SEGMENT D - PROGRESS PHOTOS



Seg D – Pipe Preparation



Seg D – Pipe Placement



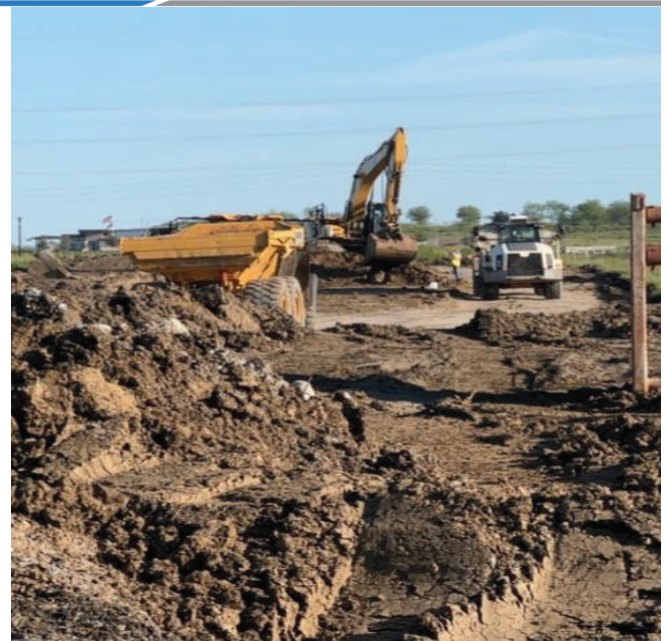
Seg D – Embedment Test

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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 installations behind clearing operations.
- Continue pipe deliveries South of HWY 80.
- Continue clearing operations after conducting scheduled bird surveys.
- Conduct next bi-weekly progress meeting 5/4/23.
- Continue pipe installation between SH 142 and HWY 80.



Seg D – Easement Cleanup

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Segment E (Garney / Walker Partners)

Construction Activities

- Process documentation: Submittals and RFI in SharePoint.
- Coordination with developments along 758 and 46.
- UIR permitting coordination.
- Conducted bi-weekly progress meeting on 4/20/23.
- Continued surveying
- Installation of temp gates for access continued by Razor.

Next Month - Projected Activities

- Processing documentation in SharePoint.
- Conduct bi-weekly progress meeting on 5/4/23.
- Continue staking easement limits
- Bird survey coordination and start clearing operations.
- Continue installation of temporary entrances



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Elevated Storage Tanks Landmark / Plummer

Construction Activities

- Completed monthly construction meeting
- Continued processing project documentation in Autodesk
- Contractor mobilized to the site and began clearing and grubbing.

Next Month - Projected Activities

- Drilling for piers are planned for completion on May 10th
- Foundation completion is planned for Jun 14th

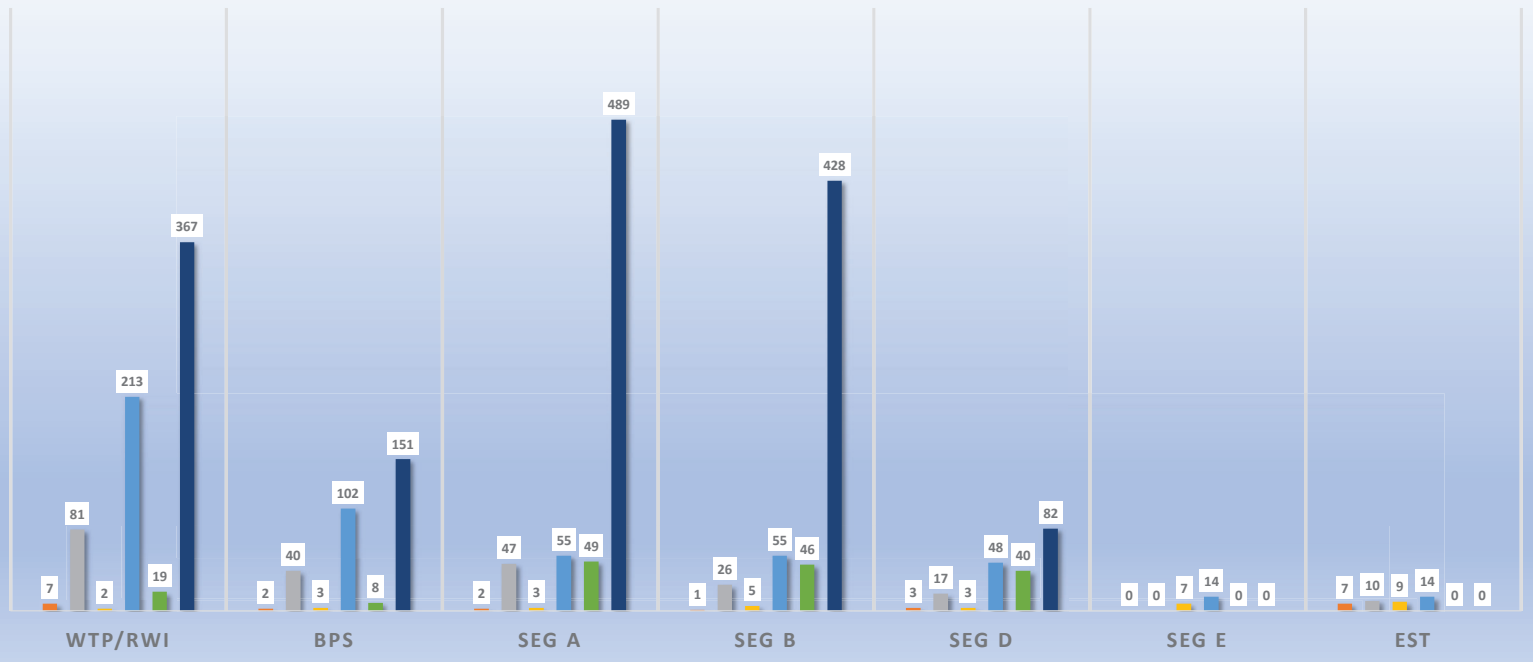


EST - Excavating Existing Pond for EST Foundation

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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
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COMMITTEE MEMBER PACKETS

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- 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 – May 10, 2023
- Kimley-Horn Monthly Summary of Activities for April 2023

Technical Committee Decisions Needed:

- None.



Phase 1B Program Update

Technical Committee Meeting
May 10, 2023



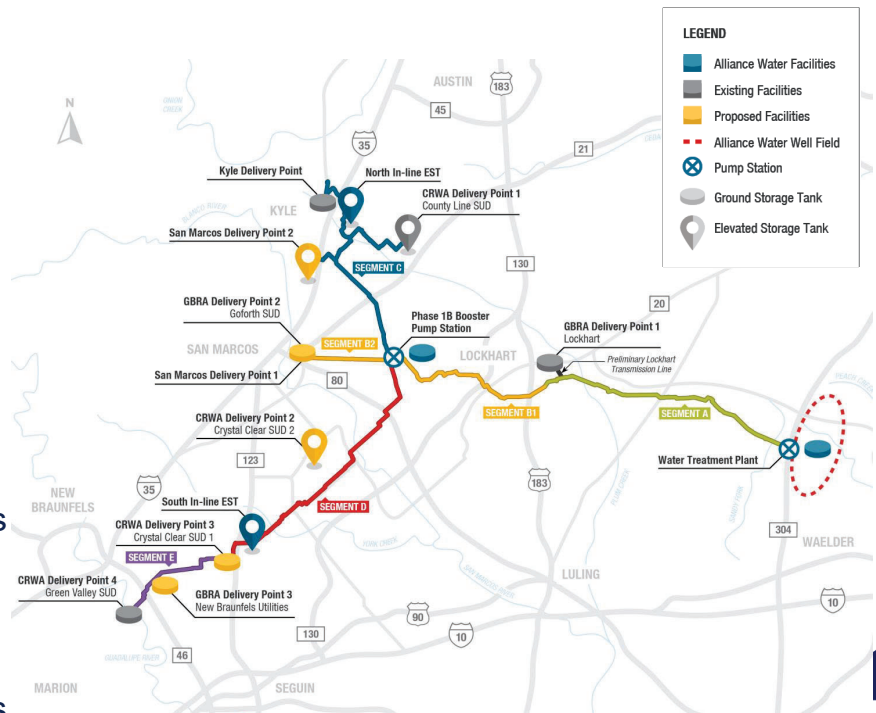
ALLIANCE WATER

Kimley»Horn
Expect More. Experience Better.

PRESENTED BY

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
 - Plans and Specs – Under Review
 - Construction – Release of Funds Request – Under Development



Pipeline Easement Acquisition Status

Pipeline Segment	Number of Parcels	STATUS						Final Settlement Outstanding
		(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	
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	16
C	76	4	8	12	6	18	58	37
E	36	0	0	0	0	0	36	13
Well Field	16	0	4	4	0	4	12	4
Total	274					22	252	91



Questions?

May 5, 2023

Project Monthly Summary

April 2023 Tasks Performed:

- Task 1 – Program Management Plan Updates
 - *Finalized and distributed the updates to the Document Control Data Management Section given ARWA’s document retention feedback.*
- 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.
 - 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 the monthly Budget 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.
 - Continued to coordinate with ARWA and Construction Management & Inspection Team to integrate construction data collected on the GIS WebMap.
 - 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 in addressing Segment C USACE comments on submitted reports.*
 - Continue coordination with ARWA and the Program Environmental Consultant regarding the burial relocation proceedings.

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

- Continued coordination with Program Environmental Consultant concerning the Segment C comments from the United States Army Corps of Engineers.
- 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
 - *Submitted the Segment E Final design and Construction Phase Release of Funds documentation.*
 - Coordinated with TWDB staff to track the status of funding release requests 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

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

- Continue coordination with Design Consultant for construction phase services.
 - Segment E
 - Continue coordination with Design Consultant for construction phase services.
 - Raw Water Infrastructure:
 - Continued coordination with Design Consultant for construction phase services.
 - Water Treatment Plant:
 - Continued coordination with Design Consultant for construction phase services.
 - Booster Pump Station:
 - Coordinated with Design Consultant for construction phase services.
 - Inline Elevated Storage Tanks:
 - Continued coordination with Design Consultant for construction phase services for the South Inline Elevated Storage Tank.
 - Continued coordination with Design Consultant for final design development for the North Inline Elevated Storage Tank.
 - Other:
 - 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
 - *Coordinated with Inline Elevated Storage Tank Design Consultant during the South Inline Elevated Storage Tank construction phase services.*
 - On-going coordination with WTP, RWI, BPS, Segment A, Segment B, Segment D, and Segment E Design Consultants during the construction phase.
 - Continued coordination with the Construction Management & Inspection team.
- Task 16 – Other Services
 - *Coordinated with Booster Pump Station Design Consultant regarding comments received for the Watershed Protection Plan.*

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

- Task 18 – Environmental Construction Services
 - Attended construction status meetings.
 - Perform migratory bird nesting surveys.

May 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 updates to the Overall Program Budget projection presentation for the Technical Committee Meeting.*
 - Prepare and present the monthly Budget 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.

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

- Continue coordination between Program Environmental Consultant and Design Engineers.
- 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
 - 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
 - *Respond to City of San Marcos comments for the submitted City of San Marcos Watershed Protection Plan for the parcels to be platted near the Booster Pump Station.*
- Task 18 – Environmental Construction Services

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, May 10th, 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 on options for deferring elements of construction until a later date to save help meet the current projected budget shortfall.

Attachment(s)

- Phase 1B Program Budget Update – May 10, 2023

Technical Committee Decision Needed:

- Possible direction to Staff.



Phase 1B Program Budget Update

Technical Committee Meeting
May 10, 2023



ALLIANCE WATER



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

Budget Update

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



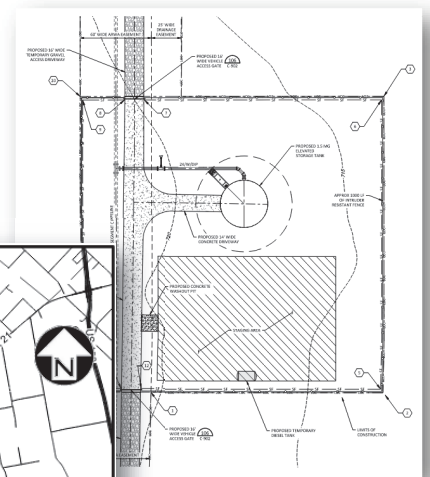
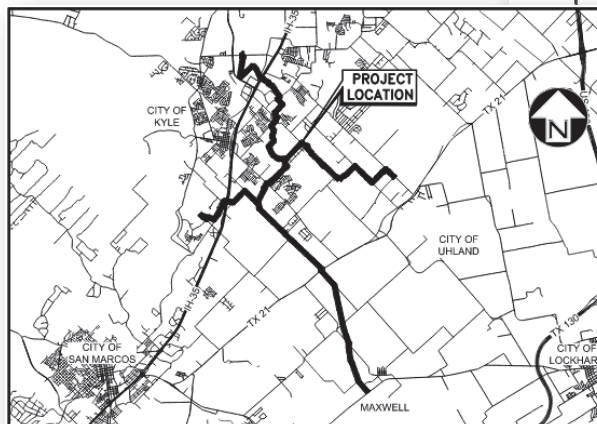
COST UPDATES BASED ON FEBRUARY MILESTONE SUBMITTALS/RESULTS

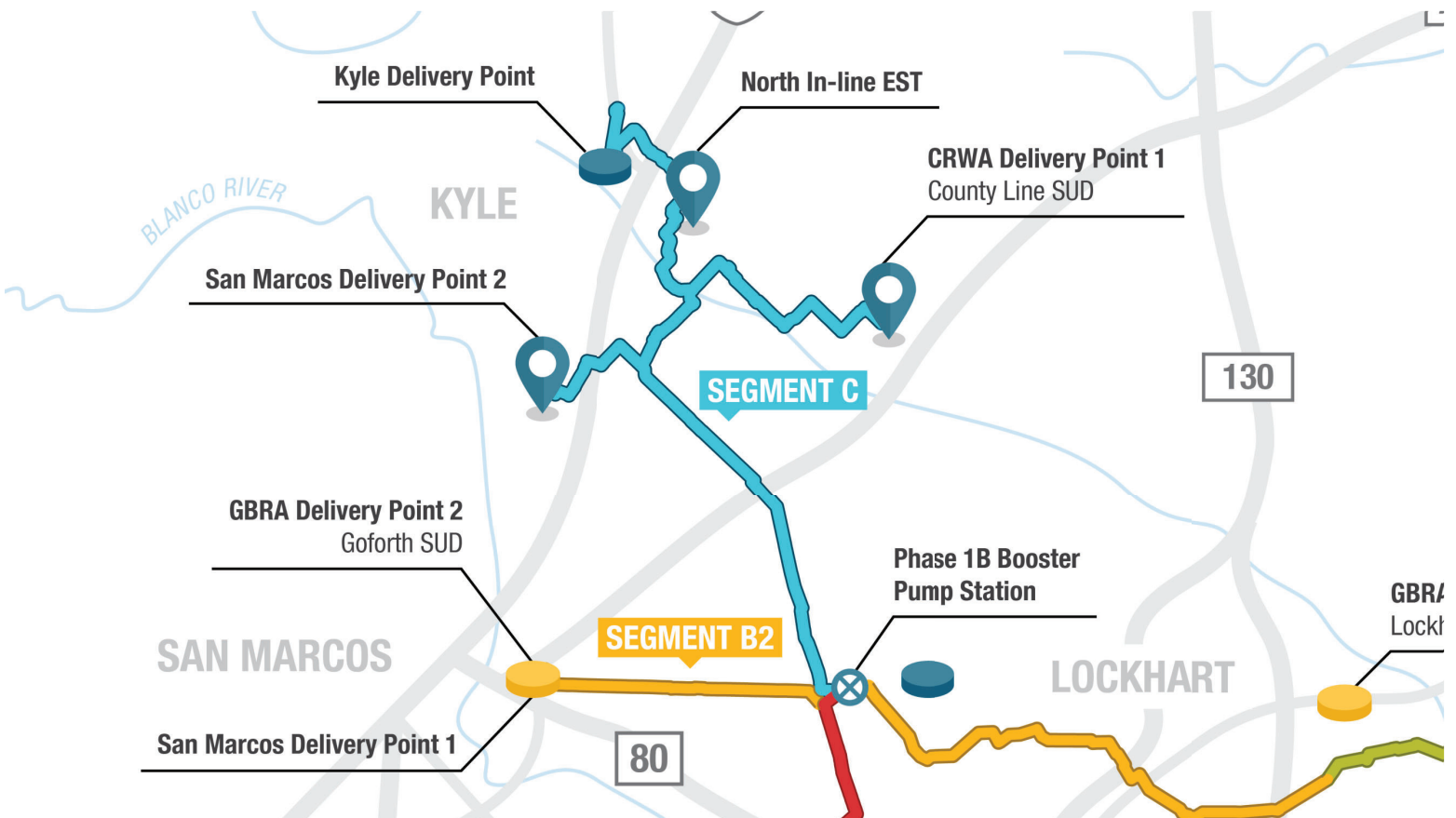
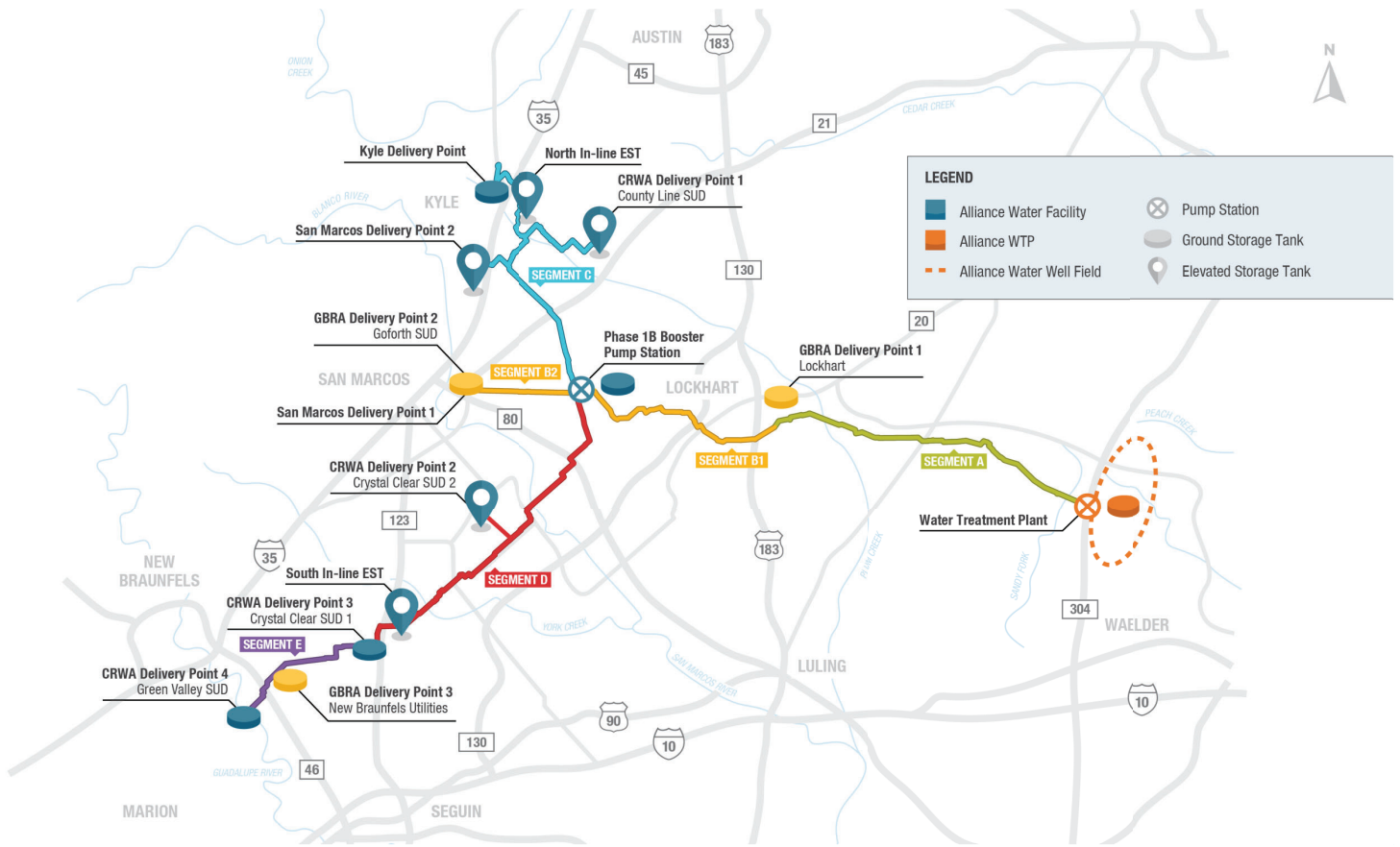
		PREVIOUS	REVISED	
Construction Package		ARWA Total Projected Cost	ARWA Total Projected Cost	DIFFERENCE
Submittal (%)	Combined Program Infrastructure			
Const.	Water Treatment Plant	\$ 29,500,000	\$ 31,400,000	\$ 1,900,000
Const.	Booster Pump Station & GBRA Meter Stations	\$ 13,700,000	\$ 14,000,000	\$ 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

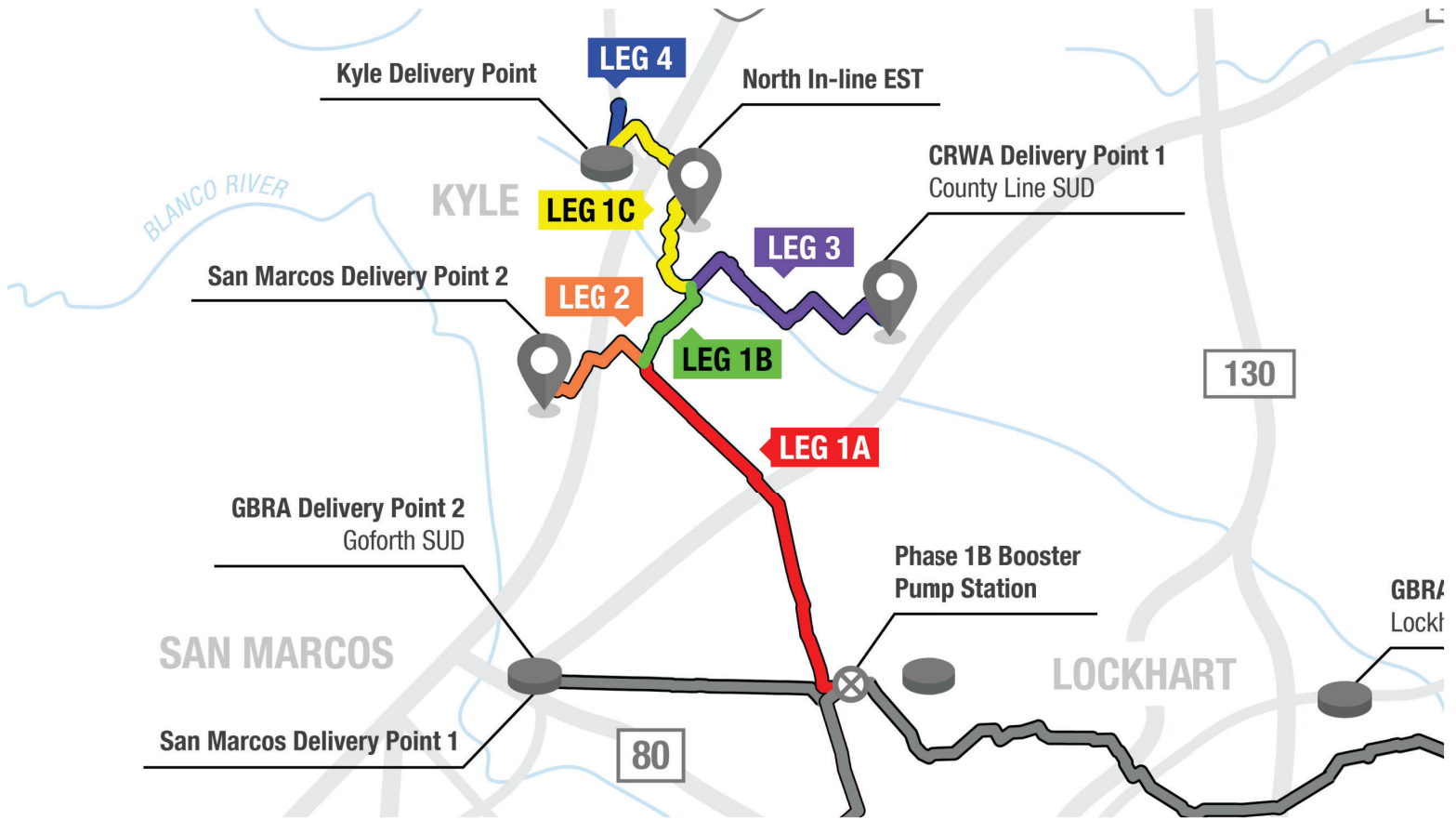
Revised Projected Cost (\$334,300,000) - Total SWIFT Funding (\$288,410,000) = \$45,890,000

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	\$7,944,000	\$7,944,000	\$10,140,000	\$2,196,000
LEG 1C	\$19,545,000	\$19,545,000	\$24,945,000	\$ 5,400,000
LEG 2	\$8,005,000	\$8,005,000	\$10,220,000	\$2,215,000
LEG 3	\$9,952,000	\$9,952,000	\$12,703,000	\$2,751,000
LEG 4	\$202,000	\$202,000	\$ 260,000	\$58,000
TOTAL (ROUNDED):	\$69,842,000	\$45,648,000	\$58,268,000	\$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	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	\$6,000,000	\$8,340,000	\$2,340,000

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

ALLIANCE WATER

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):		\$4,000,000	\$4,000,000	\$6,000,000	\$2,000,000

*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 DEFERRAL (LEG 1B, 1C, 2, 3, 4)	\$45,648,000	\$45,648,000	\$58,266,000	\$12,620,000
NORTH INLINE EST	\$7,000,000	\$6,000,000	\$8,340,000	\$2,340,000
ADMINISTRATION BUILDING	\$4,000,000	\$4,000,000	\$6,000,000	\$2,000,000
TOTAL (ROUNDED):	\$56,648,000	\$55,648,000	\$72,608,000	\$16,960,000

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.



Financing Options

- ▶ TWDB – SWIFT and others
- ▶ Private Financing





Questions?

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, May 10th, 2023 at 3:00 P.M.

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

- F.4** Discussion and possible direction to Staff regarding the system for updating Sponsor water demand projections. ~ *Graham Moore, P.E., Executive Director and Jason Biemer, Director of Operations*
-

Background/Information

Earlier in 2023 Staff presented the updated water projections from the Sponsors and noted some of the difficulties in sorting through and analyzing the data. Staff has worked on developing a new form to use with the Sponsors to help streamline the process. The proposed form with its basic layout and inputs will be discussed with the Committee members.

Staff is suggesting that the projections be completed within 21 days of the process starting in early April every year. This start coincides with the due date for the TWDB Water Loss reports.

Attachment(s)

- Water Demand Worksheet Draft 3.0

Technical Committee Decision Needed:

- Possible direction to Staff.

**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 Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, May 10th, 2023 at 3:00 P.M.

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

F.5 Discussion of legislative issues for the 88th Texas Legislature and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*

Background/Information

Below are some of the key dates for the next session:

- ~~Bill filing deadline: Friday, March 10th~~
- Last Day for House Committee to Report House Bills: Monday, May 8th
- Last Day for House to pass bills: Friday, May 12th
- Last Day for House to Report Senate Bills: Saturday, May 20th
- Last Day of Session (Sine Die): Monday, May 29th

On the following pages is a list of bills of interest to the Authority as of May 5, 2023. The Authority's initial position on the bill has been provided in the table based on the legislative priorities approved by the Board in December 2022.

Attachment(s)

ARWA Bill Tracking as of 5/5/2023

Technical Committee Decisions Needed:

- Possible Direction to Staff.

ARWA Bill Tracking – 2023 / 88th Texas Legislature

ARWA – Bills to Support/Oppose (as of 5/5/2023)				
<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 5/3: Substitute approved in Cmte 	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 4/20: Referred to 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. 4/26: Passed House 5/4: Passed Senate Cmte 	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. 	Ag, Water & Rural Affairs Natural Resources	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

		<ul style="list-style-type: none"> • 4/27: Passed Senate • 5/4: Referred to House Cmte 		
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 • 4/3: Passed Senate • 4/18: Left pending in House Cmte 	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. • 4/28: Passed House • 5/2: Referred to Senate Cmte 	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. • 4/12: Passed Senate • 4/18: Referred to Environmental Regulation 	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. • 4/18: Passed Senate • 4/20: Referred to Senate Cmte 	Natural Resources Ag, Water & Rural Affairs	Monitor

ARWA – Bills to Related to Open Meetings / Government (as of 5/5/2023)

<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 	State Affairs	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

		<ul style="list-style-type: none"> • 3/16: Substitute approved in comm 		
HB 712 SB 271	Shaheen Johnson	<ul style="list-style-type: none"> • Require local governments to notify DIR about a security incident • 3/21: Passed Senate • 5/5: On General State Calendar 	State Affairs Business & Commerce	Monitor
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 5/5/2023)

<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 	Business & Industry	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

		<p>construction projects that Workers Comp is provided for all workers</p> <ul style="list-style-type: none"> • 4/24: HB scheduled for hearing 	Business & Commerce	
HB 982	Toth	<ul style="list-style-type: none"> • Prohibits contracting with certain companies for goods/services unless enviro, social and governance policies are prohibited. 	State Affairs	Monitor
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 • 4/27: Referred to 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. • 4/19: Passed House • 5/4: Passed Senate 	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. • 4/11: Passed House • 4/27: Pending in Senate Cmte 	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. • 5/2: Passed House 	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 • 4/14: Passed House • 5/1: Passed Senate Cmte 	Natural Resources Ag, Water & Rural Affairs	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

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 and the disqualification of board members of GCDs 4/26: Passed House 5/4: Referred to Senate Cmte 	Natural Resources Ag, Water & Rural Affairs	Monitor
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 5/4: Pending final House vote 	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 5/4: Pending final House vote 	Natural Resources	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 	Natural Resources	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. 4/17: Passed House Cmte 	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. 3/28: Passed Senate 5/3: Passed House Committee 	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 3/15: Passed Senate 4/6: Passed House 4/21: Headed to Conference 	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 4/10: Referred to Natural Resources 	Ag, Water & Rural Affairs Natural Resources	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

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 county the facility would be located. 	Ag, Water & Rural Affairs	Monitor
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 	Natural Resources	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 Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, May 10th, 2023 at 3:00 P.M.

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

- 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.
~ *Graham Moore, P.E., Executive Director*
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Gonzales County Underground Water Conservation District (GCUWCD)

The GCUWCD is scheduled to meet on May 9th.

Plum Creek Conservation District (PCCD)

The PCCD is scheduled to meet on May 16th.

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
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COMMITTEE MEMBER PACKETS

Wednesday, May 10th, 2023 at 3:00 P.M.

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- 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*

Consultant Invoices Paid

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

FY 22-23 CONSULTANT INVOICES PAID IN APRIL 2023

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/Anomalies
RW Harden	\$30,000.00	\$10,146.10	\$16,649.94	55%	\$13,350.06	
Kent Alan Sick - ROW Legal	\$10,000.00	\$0.00	\$1,340.13	13%	\$8,659.87	
Armstrong, Vaughan & Associates, P.C.	\$11,250.00	\$11,250.00	\$11,250.00	100%	\$0.00	
J.R. Tolles & Associates, Inc.	\$265,000.00	\$24,124.00	\$133,557.00	50%	\$131,443.00	
Lloyd Gosselink Rochelle & Townsend	\$125,000.00	\$16,406.99	\$52,501.57	42%	\$72,498.43	
CD&P - Public Relations	\$60,000.00	\$0.00	\$13,874.83	23%	\$46,125.17	
Schlueter Group of Texas, LLC	\$60,000.00	\$10,000.00	\$35,000.00	58%	\$25,000.00	
Texas Land & Right of Way Company, LLC	\$20,000.00	\$14,919.00	\$15,934.00	80%	\$4,066.00	
AECOM - Blanco Basin WW Study	\$4,701.00	\$1,550.00	\$1,550.00	33%	\$3,151.00	
Total	\$581,250.00	\$86,846.09	\$280,107.47		\$301,142.53	

Phase 1B Invoices Paid

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

REGULAR MEETING
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COMMITTEE MEMBER PACKETS

Wednesday, May 10th, 2023 at 3:00 P.M.

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

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/ Anomalies
Kimley-Horn Ph 1B Owner's Rep WO6	\$852,425.41	\$554,939.88	\$831,984.75	98%	\$20,440.66	
Kimley-Horn Ph 1B Owner's Rep WO7	\$1,622,371.00	\$0.00	\$0.00	0%	\$1,622,371.00	
Blanton - Environmental	\$332,142.56	\$22,791.00	\$74,599.25	22%	\$257,543.31	
LAN - Segment A Construction	\$407,524.48	\$15,033.62	\$46,649.44	11%	\$360,875.04	
KFA - Segment B	\$16,061.27	\$0.00	\$1,327.50	8%	\$14,733.77	
KFA - Segment B Construction	\$383,343.98	\$29,153.79	\$41,680.67	11%	\$341,663.31	
BGE - Segment C Prelim	\$15,099.24	\$0.00	\$0.00	0%	\$15,099.24	
BGE - Segment C	\$228,583.98	\$77,196.38	\$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	\$43,071.88	\$103,933.61	23%	\$343,912.40	
Walker - Segment E Prelim	\$26,842.82	\$0.00	\$0.00	0%	\$26,842.82	
Walker - Segment E Final	\$147,213.56	\$33,252.90	\$115,572.82	79%	\$31,640.74	
Walker - Segment E Construction	\$412,264.20	\$18,510.17	\$18,510.17	4%	\$393,754.03	
DTR&G	\$1,750,000.00	\$538,940.07	\$997,590.53	57%	\$752,409.47	
CBRE - Appraisals	\$326,140.00	\$12,800.00	\$63,060.00	19%	\$263,080.00	
STV / CP&Y - Survey	\$534,955.50	\$42,515.50	\$130,091.00	24%	\$404,864.50	
LNV - RWI	\$136,157.50	\$0.00	\$0.00	0%	\$136,157.50	
FNI - BPS Final	\$206,219.73	\$6,557.30	\$27,716.50	13%	\$178,503.23	
Plummer - Inline Elevated Tank Final	\$211,718.82	\$47,556.57	\$111,068.47	52%	\$100,650.35	
Pape-Dawson - CM&I WO#6	\$2,474,241.68	\$7,805.00	\$1,466,354.74	59%	\$1,007,886.94	
Pape-Dawson - CM&I WO#7	\$6,437,459.00	\$1,530,164.11	\$0.00	0%	\$6,437,459.00	
Walker Partners - WTP CA Svcs	\$1,032,579.41	\$38,469.96	\$145,953.25	14%	\$886,626.16	
LNV/Ardurura - RWI CA Svcs	\$262,885.25	\$10,914.50	\$27,508.90	10%	\$235,376.35	
FNI - BPS CA Svcs	\$291,638.01	\$30,769.80	\$96,197.46	33%	\$195,440.55	
CP&Y - SCADA Programming Svcs	\$563,962.49	\$59,582.50	\$119,925.00	21%	\$444,037.49	
HVJ - Materials Testing (WTP)	\$346,373.75	\$20,905.00	\$66,645.25	19%	\$279,728.50	
HVJ - Materials Testing (BPS)	\$63,844.25	\$7,689.25	\$16,536.50	26%	\$47,307.75	
HVJ - Materials Testing (Segment A)	\$730,665.00	\$74,400.50	\$170,847.50	23%	\$559,817.50	
HVJ - Materials Testing (Segment B)	\$399,471.28	\$44,290.50	\$156,815.74	39%	\$242,655.54	
HVJ - Materials Testing (Segment D)	\$489,949.00	\$19,835.63	\$21,044.38	4%	\$468,904.62	
HVJ - Materials Testing (Segment E)	\$392,695.00	\$1,499.75	\$1,499.75	0%	\$391,195.25	
Total	\$21,604,218.80	\$3,288,645.56	\$4,944,496.98	23%	\$16,268,526.57	

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, May 10th, 2023 at 3:00 P.M.

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- 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.
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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, May 10th, 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*
 - D. *Operation and Maintenance Agreement of Carrizo Regional Water Supply*
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REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, May 10th, 2023 at 3:00 P.M.

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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*
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REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

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J. ADJOURNMENT
