

**Alliance Regional Water Authority
Technical Committee**

REGULAR MEETING



ALLIANCE WATER

COMMITTEE MEMBER PACKETS

Wednesday, November 8th, 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, November 8th, 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, November 8th, 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 November 8, 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 October 11, 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 approval of Work Order #8 with Ardurra Group, Inc. for engineering services related to the demolition of buildings on the Water Treatment Plant property located at 362 Wolf Run Road in Rosanky, Texas.
~ *Graham Moore, P.E., Executive Director*

- F.4 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*

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

<u>NAME</u>	<u>PRESENT</u>
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Blake Neffendorf

Vacant

Paul Kite

Humberto Ramos

Tim Samford

Regina Franke

<u>NON-VOTING MEMBERS</u>	<u>PRESENT</u>
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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 October 11, 2023. ~ *Graham Moore, P.E., Executive Director*

Attachment(s)

- 2023 10 11 Technical Committee Meeting Minutes

Technical Committee decision needed:

- Approval of minutes.



Alliance Regional Water Authority

TECHNICAL COMMITTEE MEETING

MINUTES

Wednesday, October 11, 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, October 11, 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, Kite, Ramos and Franke.**
- **Absent: Samford and Urbanovsky.**

C. PUBLIC COMMENT PERIOD

- **None.**

D. CONSENT AGENDA

- D.1 Consider approval of minutes of the Regular Technical Committee Meeting held August 9, 2023.
- **Motion to adopt the minutes as presented was made by Mr. Ramos, seconded by Mr. Neffendorf 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. Neffendorf asked if there are any long lead items associated with the elevated storage tank.**
 - **Mr. Flinn responded that there not any long lead items.**
 - **Mr. Ramos inquired as to the status of the Segment B burned pipe.**
 - **Mr. Moore noted that integrity tests of the pipe indicate that the strength is okay and therefore only the exterior coating will need to be repaired.**
 - **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. Neffendorf asked as to the expected bid date for Segment C.**
 - **Mr. Sowa stated that it should bid in the next 4-6 weeks.**
 - **No Action.**
- F.3 Discussion and possible approval of Change Order #2 with SJ Louis Construction of Texas, LTD. for the re-installation of the tunnel at the intersection of FM 1339 and SH-123 in Guadalupe County to avoid an unmarked fiber optic cable bundle on the Authority's Phase 1B Segment D Project.
- **Mr. Moore presented the situation surrounding the need for Change Order #2 with SJ Louis.**
 - **Mr. Ramos asked if the change order amount is within the budgeted amount.**
 - **Mr. Moore responded that it is within the budgeted amount.**
 - **Motion to approve Change Order #2 with SJ Louis Construction of Texas, LTD as presented was made by Mr. Ramos, seconded by Mr. Neffendorf and approved on a 4-0 vote.**
- F.4 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 3:34 p.m. based on the motion by Ms. Franke, seconded by Mr. Ramos 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 – November 3, 2023

Technical Committee Decisions Needed:

- None.



PHASE 1B CONSTRUCTION UPDATE

November 3, 2023

Water Resources | Transportation | Land Development | Surveying | Environmental

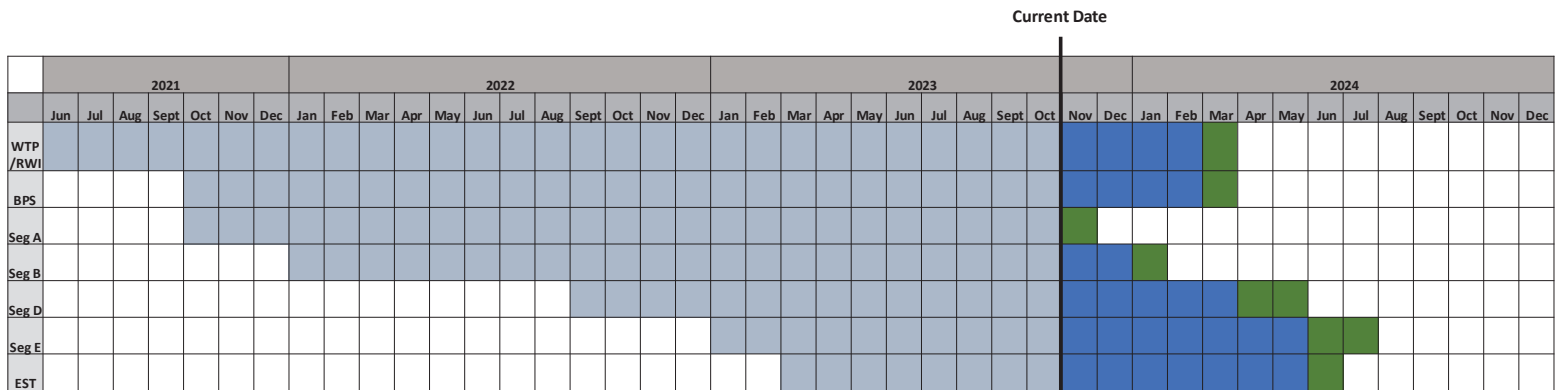


PROGRAM CONTRACT VALUES



PROJECT	ORIGINAL CONTRACT PRICE	APPROVED CONTRACT MODIFICATIONS	CURRENT CONTRACT VALUE	BILLED TO DATE	REMAINING	% COMPLETE
WTP/RWI	\$54,349,675.00	\$862,792.00	\$55,212,467.00	\$44,097,588.21	\$11,114,878.79	79.87%
BPS	\$19,759,331.00	\$455,750.28	\$20,125,081.28	\$16,189,855.23	\$3,934,511.26	80.45%
Seg A	\$49,471,384.71	\$256,865.79	\$49,728,250.50	\$46,286,303.89	\$3,441,946.61	93.08%
Seg B	\$37,629,104.42	\$4,486,274.66	\$42,115,379.08	\$40,720,633.56	\$1,394,745.52	96.69%
Seg D	\$46,663,969.35	\$10,094.36	\$46,674,063.71	\$35,239,349.61	\$11,434,714.10	75.50%
Seg E	\$27,277,770.46	\$0.00	\$27,277,770.46	\$6,404,649.74	\$20,873,120.72	23.48%
EST	\$4,573,000.00	\$0.00	\$4,573,000.00	\$3,629,929.25	\$943,070.75	79.38%

PROGRAM SCHEDULE DURATIONS



Contract Dates						Program Sub Completion Status
Project	Notice to Proceed	Contract Sub Completion	Contract Final Completion	Expected Sub-Completion	Expected Final	
WTP/RWI	7/16/2021	9/3/2023	11/2/2023	3/18/2024	3/28/2024	Delayed
BPS	10/25/2021	3/18/2023	3/17/2024	12/6/2023	3/18/2024	Delayed
Seg A	11/16/2021	10/7/2023	12/6/2023	11/29/2023	12/20/2023	Delayed
Seg B	2/15/2022	11/16/2023	1/5/2024	11/25/2023	1/24/2024	Delayed
Seg D	9/19/2022	4/5/2024	6/4/2024	3/18/2024	4/26/2024	On Time
Seg E	1/25/2023	5/24/2024	7/23/2024	5/24/2024	7/23/2024	On Time
EST	3/28/2023	5/21/2024	6/20/2024	5/21/2024	6/20/2024	On Time

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

Construction Status

- Continued installation of electrical duct bank and underground conduit.
- Continued conduit installation at the filter complex.
- Installation of wiring for the filter units valving and instrumentation.
- Alterman cleaned fiber conduits and hand holes.
- Detention pond overflow structure forms stripped.
- Entrance road subgrade preparation and limestone base installation continued.
- Continued concrete paving placement.
- Continued saw cutting pavement.
- Began grading around drainage channel.
- Continue interior insulation, liner fabric and liner panels at the Filter Complex
- Pressure tested WL A and B to well sites
- Installation of the type C walls continued at the filter complex (top of CMU walls to the roof).



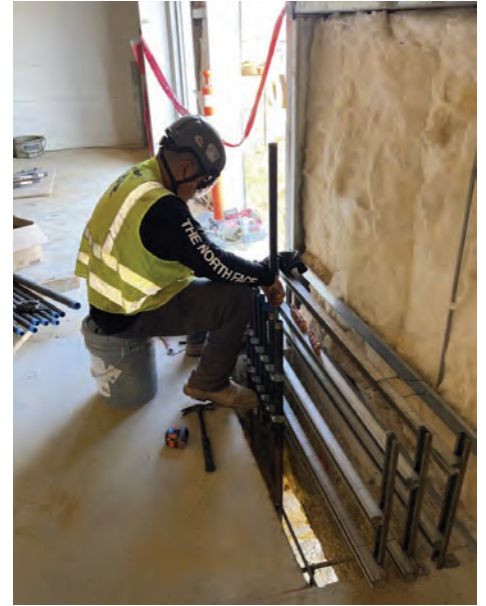
WTP – Installing Rebar for Driveway



WTP – Filter Complex Rough-In Conduit Risers Under Slab



WTP – Filter Complex Rough-in Conduit Risers Under Slab in Electrical Room



WTP – Filter Complex Rough-in Conduits Under Slab in Electrical Room 5

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

Next Month - Projected Construction Activities

- Installation of electrical duct bank and underground conduit.
- Conduit installation at the Filter Complex and HSPS
- Excavate Pond C and construct berm.
- Entrance road subgrade preparation and limestone base installation.
- Continue concrete paving placement.
- Continue interior insulation, liner fabric and liner panels at the Filter Complex.
- Installation of the type C walls continued at the filter complex (top of CMU walls to the roof).
- Continue installation of the HVAC equipment and pads.
- Continue installation of potable water piping and plumbing at the Filter Complex.
- FRP ribbon curb for asphalt paving.



WTP – Wire Pulling at Filter Complex

Booster Pump Station (MWH / Freese and Nichols)

Construction Status

- Continued fencing installation.
- Pressure tested Segment B1 successfully.
- Began pressuring up Segment D.
- Continued site grading at the BPS site
- Conduit and electrical panel installation at BPS slab completion
- Electrical wire and cabling installation at BPS site
- Began placing entrance road base.
- Continued installation of the entrance culverts



BPS – Drainage Work for Booster Site Access Road

BPS- Progress Photos



BPS – Security Fence Posts Installed



BPS – Barbed Wire Installed on Security Fence



BPS – Booster Site from Ground Storage Tank 8

Booster Pump Station (MWH / Freese and Nichols)

Next Month - Projected Construction Activities

- Continue working on the overall site grading.
- Install 12" and 24" culverts on site access road.
- Hydrostatic pressure test Segment D.
- Hydrostatic pressure test of CRWA# 4 piping.
- Pull wire at electrical building and to the pump station.
- Build electrical racks at GST.
- Continue fence installation.



BPS – San Marcos 1 Delivery Point

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	100%
Major Crossing (Plum Creek)	100%

Segment A – Progress Photos



Seg A – Work Begins on Low Water Crossing at Rifle Road



Seg A – J7 Works on Low Water Crossing at Rifle Road



Seg A – Rifle Road Low Water Crossing Complete

11

Segment A (Garney Construction / LAN)

Next Month - Projected Construction Activities

- Major Crossing Completed 100% (1 of 1)
 - Finish laying pipe from the top bend of the launch shaft to the tie-in location on the west side of Plum Creek.
- Continue fixing deflected pipe moving West to East to facilitate filling Segment A in preparation of filling and hydrostatic testing.
- Continue cleaning the interior of pipe and continue internal pipe inspections with CMI staff.
- Perform maintenance on all county roads and private roads being used for construction operations.
- Continue haul-off excess native material, final grading of topsoil, and final build out of CAV assemblies.
- Conduct bi-weekly meeting 10/26/23.
- Demobilize from the Lehman Highschool baseball field tunnel on Segment C.
- Begin hydrostatically testing first test section of Segment A.



Seg A - Garney Test of 42" Line Passes

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	100% (4 of 4)
Pipe Installed	100%
Major Crossing (TX 130)	100%

SEGMENT B - PROGRESS PHOTOS



Seg B – STA 46+15 End of Pipe



Seg B – STA 46+15 Side Digging



Seg B – STA 45+16 End of Pipe

Segment B (Garney Construction / K Friese)

Next Month - Projected Construction Activities

- Garney Resources
 - Hauling off excess spoils from project site and spreading topsoil
 - Installing DV and CAVs
 - Cleaning interior of pipe for final CMI inspections
 - Correcting deflected pipe identified by CMI staff
- Major Crossings
 - Complete
- Tunnels
 - 21 of 21 (100%) on original Segment B1/B2 scope of work.
 - 4 of 4 (100%) completed on CP002 scope of work added to segment B contract
 - Tunnel will be completed, bulkheads installed, and bore pit backfilled.
- Conduct bi-weekly meeting



Segment B – Installing Pipe MK#1081

Segment D (SJ Louis / Freese & Nichols)

Construction Status

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



Activity	Status
ROW Cleared	100%
Pipe Delivered	88%
Tunnels Completed	94% (17 of 18)
Pipe Installed	77%
Major Crossing (San Marcos River Crossing)	Finish mobilization of equipment

Segment D – Progress Photos



Seg D – Backfill



Seg D – Embedment Testing



Seg D – Backfill Testing

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 will continue along FM 1339 and SH 123.
- Continue pipe deliveries along FM 1339.
- Conduct bi-weekly progress meeting
- Continue pipe installation with pipe crew 1 along FM 1339
- Tunnels
 - 18 of 18 (100%)
- Major Crossings
 - 0 of 1 (0%) San Marcos River Crossing
 - Finish mobilization of equipment from Vadnais for the micro tunneling and conduct micro tunneling preconstruction meeting



Seg D – Placing of Air Check Valve

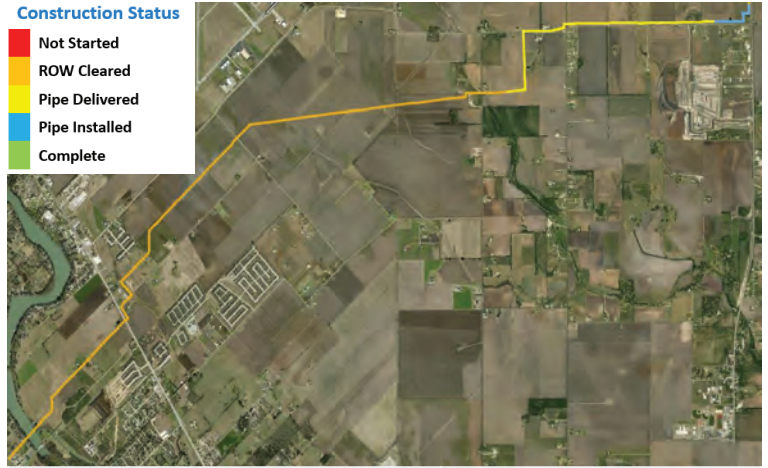
Segment E (Garney / Walker Partners)

Construction Activities

- Coordination continues with developments along FM 758 and FM 46.
- Conducted bi-weekly progress meeting
- Performed potholing operations on existing utilities.
- Mendez finished auger bore tunnel installation at Barbarosa Road, grouted tunnel, and mobilized to Dauer Ranch Road.
- Garney crews continued stringing pipe from the north end of Segment E heading to the south.
- Garney crews started pipe installation at MK 7 and continued down station.
- Pipe installation crew installed 105' of open cut casing as shown on sheet C101.
- Welding operations are close behind the pipe laying operations.

Construction Status

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



Activity	Status
ROW Cleared	100%
Pipe Delivered	29%
Tunnels Completed	50% (5 of 10)
Pipe Installed	2%
Major Crossing (Lake Dunlap)	0%

Segment E – Progress Photos



Seg E – Laid 45 Degree Manway Pipe



Seg E – Installing Gravel to Hold Concrete



Seg E – Pouring Concrete Around Manway

Segment E (Garney / Walker Partners)

Next Month - Projected Activities

- Processing documentation in SharePoint.
- Conduct bi-weekly progress meeting
- Continue potholing existing utilities.
- Continue pipe installations on E1 laying pipe south towards the NBU delivery point.
- Tunnels
 - 5 of 10 Auger Bore (50% Completed).
 - 2 of 10 Open Cut Casing (20% Completed)
 - Finish Dauer Ranch Road tunnel and start on 36" Energy Transfer Natural Gas Line tunnel.
- Major Crossings
 - Lake Dunlap crossing has not started.



Seg E – Moving and Lowering First Casing



21

Elevated Storage Tanks Landmark / Plummer

Construction Activities

- Crew welding the cone and first ring of the shell
- Boswell on site for welding inspections will continue inspection last week of October

Next Month - Projected Activities

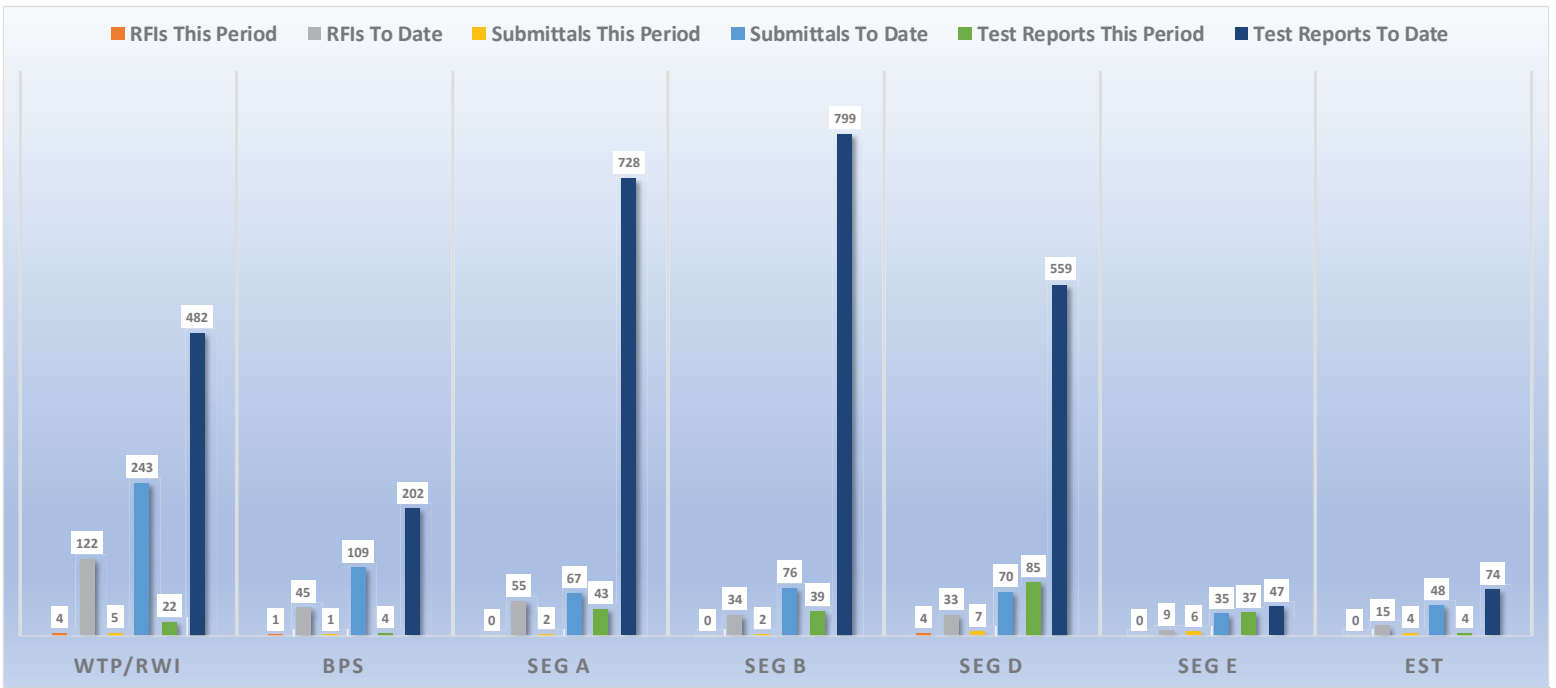
- Continue welding shell and preparing for coating tank.
- X-Ray inspection of welds will be performed Early November. Boswell will be inspecting and overseeing the X-ray inspections.
- Pre-Coating meeting scheduled for 11-9-2023 at 9:30 am.
- Finish site grading and backfill for waterline / drainage easement, will wait to seed until later in year.
- Working on 24' DI waterline required submittals prior to remobilizing to install.



EST – Adding 4th Sheet to Shell

22

PROGRAM OVERSIGHT RECAP



QUESTIONS?

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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 – November 15, 2023
- Kimley-Horn Monthly Summary of Activities for October 2023

Technical Committee Decisions Needed:

- None.



Phase 1B Program Update

Technical Committee Meeting
November 8, 2023



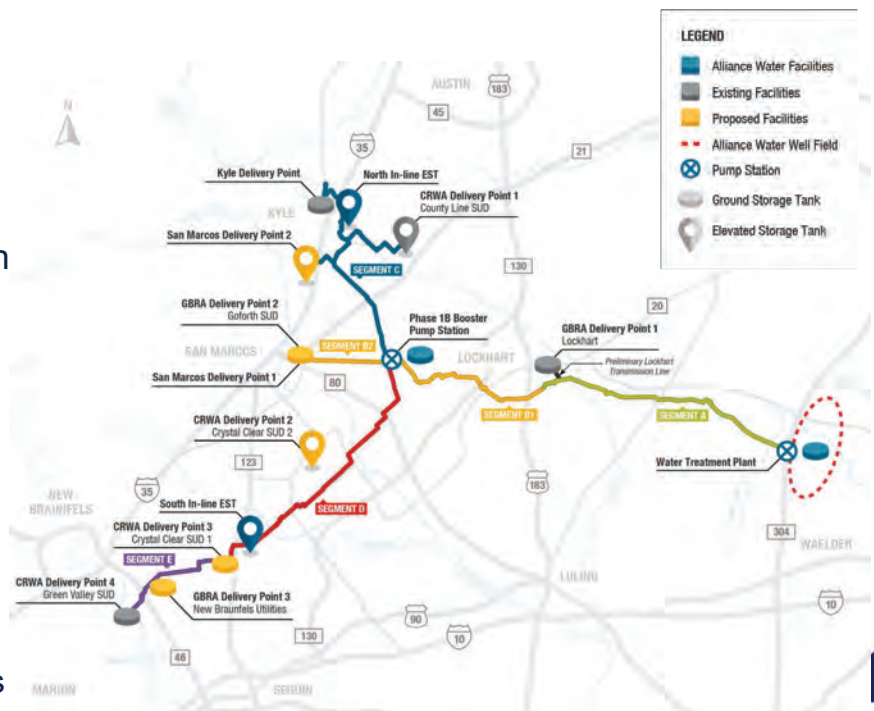
ALLIANCE WATER

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

Ongoing Progress

- ▶ Design Milestone Status
 - Segment C
 - Final Documents in Preparation
 - Permits

- ▶ TWDB Reviews
 - Segment E
 - Awaiting Construction Funding Release
 - South Inline EST
 - Plans and Specs – Under Review (Routed for Approval)
 - Construction – Release of Funds Request – Posted, pending funds provided to ARWA



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	4
B	47	0	0	0	0	0	47	14
D	60	0	0	0	0	0	60	15
C	76	3	5	8	2	10	66	32
E	36	0	0	0	0	0	36	11
Well Field	16	0	4	4	0	4	12	4
Total	274					14	260	80



COST UPDATES BASED ON FEBRUARY MILESTONE SUBMITTALS/RESULTS

Submittal (%)	Construction Package	PREVIOUS	REVISED	DIFFERENCE
		ARWA Total Projected Cost	ARWA Total Projected Cost	
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



Questions?

November 3, 2023

Project Monthly Summary

October 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
 - 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
 - *Continued coordination with the Program Environmental Consultant to address comments received from the Texas Water Development Board for the Pipeline Segment C Environmental Report.*
 - 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.

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

- 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
 - *Reviewed 100% Submittal and provided comments to the Design Consultant.*
 - 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.
 - Raw Water Infrastructure:
 - Continued coordination with Design Consultant for construction phase services.
 - Water Treatment Plant:
 - Continued coordination with Design Consultant for construction phase services.

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

- 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.*
 - *Ongoing GBRA WTP Expansion option evaluation and cost projection development.*
- Task 18 – Environmental Construction Services
 - Attended construction status meetings.
 - Performed migratory bird nesting surveys.

November 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.

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

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

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

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

- Task 7 – Environmental Management
 - Monthly progress meeting and ongoing coordination with Program Environmental Consultant.
 - Continue coordination between Program Environmental Consultant and Design Engineers.
 - Review Program Environmental invoices, schedule, and risk log.

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

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

- Continue field work coordination to notify landowners of upcoming field work by consultants as needed.
- Task 9 – Texas Water Development Board Management
 - *Coordinate with Program PM and Design Consultants to prepare additional Funding Release documentation.*
 - Continue coordination with ARWA, GBRA, and TWDB Staff to track all documents currently under review as well as preparation of funding release requests.
- 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
 - *Coordinate with the Design Consultant to confirm 100% Submittal comments are addressed.*
 - Continue coordination with Design Consultant for final design.
 - Segment D
 - Continue coordination with Design Consultant for construction phase services.
 - Segment E
 - Continue coordination with Design Consultant for construction phase services.
 - Raw Water Infrastructure:
 - Continue coordination with Design Consultant for construction phase services.
 - Water Treatment Plant:
 - Continue coordination with Design Consultant for construction phase services.
 - Booster Pump Station:
 - Continue coordination with Design Consultant for construction phase services.
 - Inline Elevated Storage Tanks:
 - Continue coordination with Design Consultant for construction phase services for the South Inline Elevated Storage Tank.

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

- 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
 - *Receive and address any remaining comments for the City of San Marcos Watershed Protection Plan for the parcels to be platted near the Booster Pump Station.*
 - *Ongoing GBRA WTP Expansion option evaluation and cost projection development.*
- Task 18 – Environmental Construction Services
 - Attend construction status meetings.
 - Perform migratory bird nesting surveys.

Scope Elements Added/Removed:

None at this time.

Outstanding Issues/Concerns:

None at this time.

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, November 8th, 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 approval of Work Order #8 with Ardurra Group, Inc. for engineering services related to the demolition of buildings on the Water Treatment Plant property located at 362 Wolf Run Road in Rosanky, Texas. ~ *Graham Moore, P.E., Executive Director*
-

Background/Information

In May 2023 Braun Intertec visited the Water Treatment Plant site and investigated four old structures (a house, a large chicken coup and two small barns) to determine if there were any lead and/or asbestos materials located in the structures. The house was determined to have both lead and asbestos within it.

Staff reached out to Ardurra, Inc. (formerly LNV, Inc.) with whom the Authority has a Master Agreement, to request a proposal for putting together the plans and specs necessary to demolish the buildings and to appropriate deal with the lead and asbestos laden materials.

Attached is the proposal from Ardurra. The key elements are as follows:

- Design Fee of \$14,890 (lump sum) to be completed within 30 days of NTP
- Bid Phase of \$4,780 (hourly) to be completed as directed by ARWA
- Construction Phase of \$6,180 (hourly) in sequence with contractor's schedule
- Total Fee (not-to-exceed): \$25,850

Staff is requesting authorization to enter into the work order with Ardurra. After design and bidding a construction contract will be brought to the Board for possible award.

Executive Director Recommendation

- Executive Director recommends approval of Work Order #8

Attachment(s)

- Ardurra Proposal for Demolition Engineering Services dated October 23, 2023

Technical Committee Decisions Needed:

- Approval of Work Order #8 with Ardurra Group, Inc. for engineering services related to the demolition of buildings on the Water Treatment Plant property and authorizing the Executive Director to execute a work order.



October 23, 2023

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

Re: Proposal for Engineering Services
 Building Demolition at 362 Wolf Run Road, Rosanky, Texas

Dear Mr. Moore,

Ardurra Group, Inc. (Ardurra) is pleased to submit this fee proposal for engineering services to Alliance Regional Water Authority (ARWA) for the above referenced project.

Project Understanding

This project includes the building demolition of four structures; a vacant residence, two barns and a large chicken coup which are located at 362 Wolf Run Road, Rosanky, Texas, in Caldwell County. The project will include the development of the bid documents for the building demolition to consist of scope of work narrative, specification, demolition exhibit, bid items and engineer’s estimate of probable construction cost. Ardurra will utilize the Pre-Demolition Asbestos-Containing Materials and Lead-Containing Paint Survey Report prepared by Braun Intertec Corporation dated May 26, 2023 to be included in the bid documents.

Ardurra is proposing to provide the design phase services for a lump sum fee of \$14,890, the bid and construction phases will be hourly not-to-exceed \$10,960 for a total not-to-exceed amount of \$25,850. Below is a summary of the schedule and fee proposal and is further described in the attached engineering service fee breakdown, Attachment A.

Project Duration

Task	Task Duration
Design Phase	30 Days from NTP
Bid Phase	In Sequence with ARWA
Construction Phase	In Sequence with Contractor’s Construction Schedule

Proposed Fee

Task	Task Fee
Design Phase (Lump Sum)	\$14,890
Bid Phase (Hourly not-to-exceed)	\$4,780
Construction Phase (Hourly not-to-exceed)	\$6,180
TOTAL (not-to-exceed)	\$25,850

Project Scope Exclusions

Please note that this fee proposal only includes the tasks and fees for the work described above. A separate fee proposal can be developed for other services, such as topographic survey, environmental services, geotechnical services, utility coordination and permitting fees as needed per ARWA request.

We look forward to working with you on this important project. If you have any questions or comments, please feel free to contact me at 210-822-2232.

Sincerely,
Ardurra Group, Inc.
TBPE Firm No. F-10053

A handwritten signature in blue ink that reads "Byron Sanderfer". The signature is written in a cursive, flowing style.

Byron G. Sanderfer, P.E., CFM
Public Works Practice Director – Central Region

Attachments: Attachment "A", Engineering Service Fee Breakdown

Alliance Regional Water Authority

Fee/Price Proposal Breakdown for Professional Services

Project Name:	ARWA - Building Demolition
Name of Firm:	Ardurra Group, Inc.
Date Proposal Submitted:	10/23/2023
Project Manager:	Byron Sanderfer, PE, CFM

Position/Personnel Title	Principal	Project Manager	Senior Engineer	Project Engineer II	Project Engineer I	EIT II	CAD Tech	GIS	Admin/Clerical	Miscellaneous		
Fully-Loaded Hourly Wage Rates * (as defined below)	\$280.00	\$240.00	\$210.00	\$180.00	\$170.00	\$130.00	\$110.00	\$130.00	\$75.00	Lump Sum		
Task to be performed/Phase Description (including Sub-consultant work)	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Cost	Total Hours	Total Cost
Design Phase	0	15	4	27	0	41	0	2	0	\$ -	89	\$ 14,890
Project Management and Coordination		6		8		12					26	\$ 4,440
Conduct Site Visit				4		4					8	\$ 1,240
Develop Scope of Work Narrative		1		2		4					7	\$ 1,120
Develop Specifications		2		4		6					12	\$ 1,980
Develop Demolition Exhibit		1		2		3		2			8	\$ 1,250
Develop Bid Documents		1		2		4					7	\$ 1,120
Coordination with Caldwell County/Permitting		2		4		6					12	\$ 1,980
Develop OPCC				1		2					3	\$ 440
QA/QC		2	4								6	\$ 1,320
Bid Phase	0	3	0	11	0	16	0	0	0	\$ -	30	\$ 4,780
Assemble Final Bid Documents		1		1		2					4	\$ 680
Assist ARWA in Preparing Advertising Documents		1		1		2					4	\$ 680
Answer Contractor Questions. Prepare and distribute necessary Addenda.				1		2					3	\$ 440
Attend Pre-Bid Meeting				4		4					8	\$ 1,240
Prepare Minutes from the Pre-Bid Meeting		1		1		2					4	\$ 680
Attend Bid Opening				2		2					4	\$ 620
Prepare Bid Tabulation and Letter of Recommendation				1		2					3	\$ 440
Construction Phase	0	4	0	16	0	18	0	0	0	\$ -	38	\$ 6,180
Attend Pre-Construction Meeting		1		4		4					9	\$ 1,480
Conduct Project Site Visit (1)		1		4		4					9	\$ 1,480
Project Management and Coordination		2		4		6					12	\$ 1,980
Final Inspection/Walkthrough				4		4					8	\$ 1,240
Total Hours:	0	22	4	54	0	75	0	2	0	\$ -	157	\$ 25,850
Total Fee Proposal (Not to Exceed):	\$0.00	\$5,280.00	\$840.00	\$9,720.00	\$0.00	\$9,750.00	\$0.00	\$260.00	\$0.00	\$0	\$25,850	\$25,850

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, November 8th, 2023 at 3:00 P.M.

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

- F.4** 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 November 14th. The GCUWCD has posted that a public hearing will occur to discuss changes to its Management Plan..

Plum Creek Conservation District (PCCD)

The PCCD is scheduled to meet on November 21st.

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, November 8th, 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*

Consultant Invoices Paid

FY 22-23 CONSULTANT INVOICES PAID IN OCTOBER 2023

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/Anomalies
RW Harden	\$30,000.00	\$615.00	\$19,004.94	63%	\$10,995.06	
Kent Alan Sick - ROW Legal	\$10,000.00	\$0.00	\$3,813.46	38%	\$6,186.54	
Armstrong, Vaughan & Associates, P.C.	\$11,250.00	\$0.00	\$11,250.00	100%	\$0.00	
J.R. Tolles & Associates, Inc.	\$275,000.00	\$22,512.00	\$270,638.00	98%	\$4,362.00	
Lloyd Gosselink Rochelle & Townsend	\$125,000.00	\$7,921.38	\$88,990.22	71%	\$36,009.78	
CD&P - Public Relations	\$60,000.00	\$0.00	\$39,560.18	66%	\$20,439.82	
Schlueter Group of Texas, LLC	\$60,000.00	\$0.00	\$60,000.00	100%	\$0.00	
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	
Braun Intertec - Lead & Asbestos Assessment	\$4,750.00	\$0.00	\$0.00	0%	\$4,750.00	
GBRA - O&M	\$284,623.11	\$17,008.84	\$284,623.11	100%	\$0.00	
Law Offices of Patricia Carls	\$15,000.00	\$98.00	\$2,915.50	19%	\$12,084.50	
NewGen Strategies & Solutions	\$30,000.00	\$0.00	\$0.00	0%	\$30,000.00	
Total	\$930,324.11	\$48,155.22	\$798,279.41		\$132,044.70	

FY 23-24 CONSULTANT INVOICES PAID IN OCTOBER 2023

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/Anomalies
RW Harden	\$30,000.00	\$0.00	\$0.00	0%	\$30,000.00	
Kent Alan Sick - ROW Legal	\$10,000.00	\$0.00	\$0.00	0%	\$10,000.00	
Armstrong, Vaughan & Associates, P.C.	\$12,500.00	\$0.00	\$0.00	0%	\$12,500.00	
J.R. Tolles & Associates, Inc.	\$285,000.00	\$0.00	\$0.00	0%	\$285,000.00	
Lloyd Gosselink Rochelle & Townsend	\$125,000.00	\$0.00	\$0.00	0%	\$125,000.00	
CD&P - Public Relations	\$75,000.00	\$0.00	\$0.00	0%	\$75,000.00	
Schlueter Group of Texas, LLC	\$60,000.00	\$5,000.00	\$5,000.00	8%	\$55,000.00	
GBRA - O&M	\$2,599,041.00	\$0.00	\$0.00	0%	\$2,599,041.00	
Law Offices of Patricia Carls	\$15,000.00	\$0.00	\$0.00	0%	\$15,000.00	
NewGen Strategies & Solutions	\$30,000.00	\$0.00	\$0.00	0%	\$30,000.00	
Total	\$3,241,541.00	\$5,000.00	\$5,000.00		\$3,236,541.00	

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, November 8th, 2023 at 3:00 P.M.

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

Phase 1B Invoiced Paid

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

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/Amendments
Kimley-Horn Ph 1B Owner's Rep W06	\$852,425.41	\$0.00	\$331,984.75	98%	\$20,440.66	
Kimley-Horn Ph 1B Owner's Rep W07	\$1,622,371.00	\$121,431.78	\$689,829.09	43%	\$932,541.91	
Blanton - Environmental LAN - Segment A Construction	\$332,142.56	\$0.00	\$143,315.56	43%	\$188,827.00	
KFA - Segment B Final KFA - Segment B Construction	\$407,524.48	\$25,341.36	\$138,833.82	34%	\$268,690.66	
BGE - Segment C Prelim BGE - Segment C Final	\$16,061.27	\$0.00	\$1,327.50	8%	\$14,733.77	
FNI - Segment D Prelim FNI - Segment D Final	\$383,343.98	\$5,605.00	\$85,435.95	22%	\$297,908.03	
FNI - Segment D Final	\$15,099.24	\$0.00	\$0.00	0%	\$15,099.24	
FNI - Segment D Construction	\$228,583.98	\$0.00	\$181,782.78	80%	\$46,801.20	
Walker - Segment E Prelim	\$61,533.66	\$0.00	\$5,629.66	9%	\$55,904.00	
Walker - Segment E Final Walker - Segment E Construction	\$10.96	\$0.00	\$0.00	0%	\$10.96	
Walker - Segment E Prelim	\$447,846.01	\$10,998.16	\$292,128.68	65%	\$155,717.33	
Walker - Segment E Final Walker - Segment E Construction	\$26,842.82	\$0.00	\$5,618.87	21%	\$21,223.95	
DTR&G	\$178,344.67	\$0.00	\$175,960.21	99%	\$2,384.46	
CBRE - Appraisal	\$412,264.20	\$45,673.67	\$155,358.66	38%	\$256,905.54	
STV/CP&Y - Survey	\$1,750,000.00	\$121,370.26	\$1,661,729.34	95%	\$88,270.66	
LNW - RWI	\$326,140.00	\$0.00	\$155,105.63	48%	\$171,034.37	
FNI - BPS Final	\$534,955.50	\$9,344.00	\$221,881.50	41%	\$313,074.00	
Plummer - In-line Elevated Tank Final	\$136,157.50	\$0.00	\$0.00	0%	\$136,157.50	
Plummer - In-line Elevated Tank Construction	\$206,219.73	\$0.00	\$30,672.00	15%	\$175,547.73	
Pape-Dauran - CM&I W0#6	\$304,190.82	\$1,807.00	\$147,146.22	48%	\$157,044.60	
Pape-Dauran - CM&I W0#7	\$148,208.00	\$15,466.29	\$87,560.31	59%	\$60,647.69	
Walker Partners - WTP CA Svar	\$2,474,241.68	\$0.00	\$1,466,354.74	59%	\$1,007,886.94	
LNW Ardurura - RWICA Svar	\$6,437,459.00	\$0.00	\$0.00	0%	\$6,437,459.00	
FNI - BPS CA Svar CP&Y - SCADA Programming Svar	\$1,032,579.41	\$31,717.04	\$297,158.30	29%	\$735,421.11	
HWJ - Materials Testing (WTP)	\$262,885.25	\$1,910.00	\$77,171.93	29%	\$185,713.32	
HWJ - Materials Testing (BPS)	\$291,638.01	\$9,025.13	\$208,952.02	72%	\$82,685.99	
HWJ - Materials Testing (Segment A)	\$563,962.49	\$0.00	\$195,124.04	35%	\$368,838.45	
HWJ - Materials Testing (Segment B)	\$346,373.75	\$0.00	\$96,702.25	28%	\$249,671.50	
HWJ - Materials Testing (Segment C)	\$63,844.25	\$0.00	\$34,884.25	55%	\$28,960.00	
HWJ - Materials Testing (Segment D)	\$730,665.00	\$0.00	\$303,116.00	41%	\$427,549.00	
HWJ - Materials Testing (Segment E)	\$399,471.28	\$0.00	\$328,228.49	82%	\$71,242.79	
HWJ - Materials Testing (S In-line EST)	\$489,949.00	\$0.00	\$170,443.63	35%	\$319,505.37	
HWJ - Materials Testing (S In-line EST)	\$392,695.00	\$0.00	\$3,783.00	1%	\$388,912.00	
HWJ - Materials Testing (S In-line EST)	\$158,361.00	\$0.00	\$55,309.00	35%	\$103,052.00	
Total	\$22,034,390.91	\$399,699.69	\$8,248,528.18	37%	\$13,785,862.73	

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, November 8th, 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

- No changes were approved for consultant contracts.

Phase 1B Construction Change Orders

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

CONSTRUCTION CHANGE ORDER SUMMARY - OCTOBER 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	\$ 54,349,675.00	\$ 862,792.00	\$ 55,212,467.00	\$ 336,984.77	\$ 516,825.62	\$ 287,297.22	\$ 118,678.52
Booster Pump Station & Delivery Points Contract	\$ 19,759,331.00	\$ 455,750.28	\$ 20,215,081.28	\$ 351,550.00	\$ 247,184.87	\$ 117,016.35	\$ -
Segment A Pipeline	\$ 49,471,384.71	\$ 256,865.79	\$ 49,728,250.50	\$ 373,656.48	\$ 424,971.08	\$ (40,293.43)	\$ -
Segment B Pipeline	\$ 37,629,104.42	\$ 4,486,274.66	\$ 42,115,379.08	\$ 3,904,357.36	\$ 538,559.55	\$ 5,954.06	\$ 3,837,145.90
Segment D Pipeline	\$ 46,663,969.35	\$ 10,094.36	\$ 46,674,063.71	\$ 10,094.36	\$ 714,892.01	\$ 10,094.36	\$ -
Segment E Pipeline	\$ 27,277,770.46	\$ -	\$ 27,277,770.46	\$ -	\$ 444,033.44	\$ -	\$ -
South Inline EST	\$ 4,573,000.00	\$ -	\$ 4,573,000.00	\$ -	\$ 106,581.24	\$ -	\$ -

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, November 8th, 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, November 8th, 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, November 8th, 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

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J. ADJOURNMENT
