

**Alliance Regional Water Authority
Technical Committee**

REGULAR MEETING



ALLIANCE WATER

COMMITTEE MEMBER PACKETS

Wednesday, January 13th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572
Code: 338 069 088#

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, January 13th, 2021 at 3:00 P.M.
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In accordance with Governor Abbott's Executive Order, declaration of the COVID-19 public health threat, and action to temporarily suspend certain provisions of the Texas Open Meetings Act, 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, January 13, 2021. The public may participate in this meeting by calling the following number and code:

Conference Call Number: 1-903-405-2572
Code: 338 069 088#

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 January 13, 2021. 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 Special Technical Committee Meeting held December 9, 2020. ~ *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 the Authority's Phase 1A projects. ~ *Jason Biemer, Director of Operations*

F.2 Update 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 of legislative issues for the 87th Texas Legislature, and possible direction to Staff. ~ *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

James Earp

Tom Taggart

Humberto Ramos

Tim Samford

Mike Taylor

<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 December 9, 2020. ~ *Graham Moore, P.E., Executive Director*

Attachment(s)

- 2020 12 09 Technical Committee Meeting Minutes

Technical Committee decision needed:

- Approval of minutes.



ALLIANCE WATER

Alliance Regional Water Authority

TECHNICAL COMMITTEE MEETING

MINUTES

Wednesday, December 9, 2020

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, December 9, 2020 by telephonic conference call in accordance with Governor Abbott's Executive Order, declaration of the COVID-19 public health threat, and action to temporarily suspend certain provisions of the Texas Open Meetings Act.

A. CALL TO ORDER.

The Alliance Water Technical Committee Meeting was called to order at 3:02 p.m. by Mr. Taggart.

B. ROLL CALL.

- **Present: Neffendorf, Earp, Taggart, Ramos, Samford and Taylor.**
- **Absent: None.**

C. PUBLIC COMMENT PERIOD

- **None.**

D. CONSENT AGENDA

D.1 Consider approval of minutes of the Special Technical Committee Meeting held October 14, 2020.

- **Motion to adopt the consent agenda as presented was made by Mr. Taylor, seconded by Mr. Ramos and approved on a 6-0 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 the Authority's Phase 1A projects.
- **Mr. Biemer provided an update on the projects.**
 - **No Action.**
- F.2 Update and possible direction to Staff regarding the Authority's Phase 1B program.
- **Mr. Ryan Sowa with Kimley-Horn went through the presentation in the packet summarizing Kimley-Horn's recent activities, including ongoing and upcoming plan reviews and commissioning updates.**
 - **Mr. Taggart noted that he's relatively confident that the San Marcos Water Treatment Plant can deliver the volume of water requested but that they will want to review more closely, including when in the year the water is needed.**
 - **Mr. Taggart also requested that more information regarding the projected well flows / aquifer thicknesses when presenting Change Order #1 to the Board.**
 - **No Action.**
- F.3 Update, discussion and possible direction to Staff regarding the Authority's Phase 1 Annual Operations & Maintenance Estimates.
- **Mr. Moore presented the projected Operations and Maintenance Estimates.**
 - **Mr. Earp noted that his preference is to be conservative with costs.**
 - **Mr. Earp also noted that it would take a lot for him to vote to contract out operations.**
 - **Mr. Taylor stated that he concurred with Mr. Earp and likes the idea of a reserve rate for O&M for repair and replacement.**
 - **Mr. Ramos inquired as to what the total cost of developed water, not just the O&M costs.**
 - **Mr. Moore noted that he will work on developing this.**
 - **No Action.**
- F.4 Discussion of legislative issues for the 87th Texas Legislature, and possible direction to Staff.
- **Mr. Moore provided an update on new legislation that has been filed.**
 - **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 on the various topics.**
- **Mr. Taggart noted that the former Chair of Region L, Suzanne Scott, is now the Executive Director of the Nature Conservancy**
- **No Action.**

G. EXECUTIVE DIRECTOR REPORT

- **No Action.**

H. COMMITTEE MEMBER ITEMS OR FUTURE AGENDA ITEMS

- **None.**

I. EXECUTIVE SESSION

I.1 Executive Session on the following matters:

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

- **No Executive Session.**

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

- **No Action.**

J. ADJOURNMENT

- **Meeting was adjourned at 4:12 p.m. by Mr. Earp.**

APPROVED: _____, 2021

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- F.1** Update and possible direction to Staff regarding the Authority's Phase 1A projects.
~ *Jason Biemer, Director of Operations*
-

Background/Information

Below are brief updates on the Phase 1A projects.

Segment B Pipeline:

- Hydrostatic testing passed.
- Bacteriological tests passed.
- Final walkthrough conducted on December 4, 2020.
 - Minor cleanup and revegetation identified for punch list.
 - Overall construction was excellent.
- Substantial completion issued by engineering consultant on December 7, 2020.
 - TWDB walkthrough pending.

Pump Station:

- Lightning repairs.
 - Begin repairs on December 14, 2020.
 - Contractor and subs reconvened on January 6th, 2021 to prepare for retesting.
 - Partial GST filling Jan 8th in advance of testing effort.
 - Automatic Transfer Switch requires additional service per electrical contractor advisement on 1/8/2021. Pending scheduling.
 - January 11 – 13th scheduled for retesting.
 - Testing will confirm all systems function properly, not just those systems affected by the lightning strike.

Technical Committee Decisions Needed:

- None.

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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*
-

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 – January 13, 2021
- Kimley-Horn Monthly Summary of Activities for December 2020

Technical Committee Decisions Needed:

- None.



Phase 1B Program Update

Technical Committee Meeting
January 13, 2021

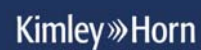
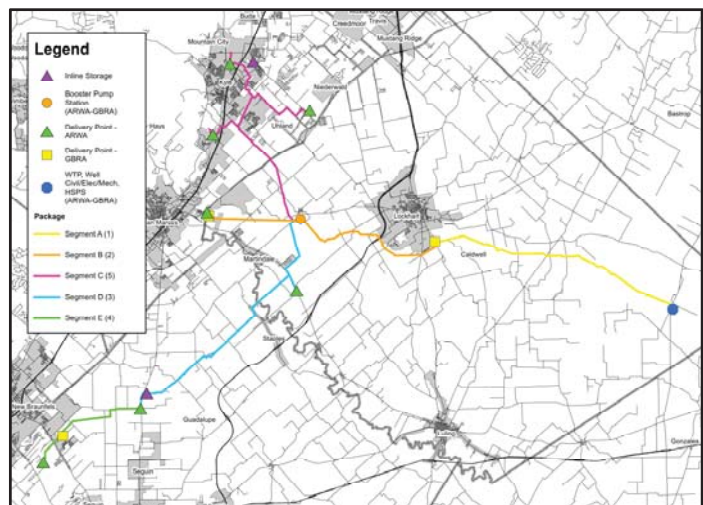


Ongoing Progress

Design Milestone Review

- January
 - Pipeline Segment A (100%)
 - Pipeline Segment B (100%)
 - Water Treatment Plant & Raw Water Infrastructure (100%)

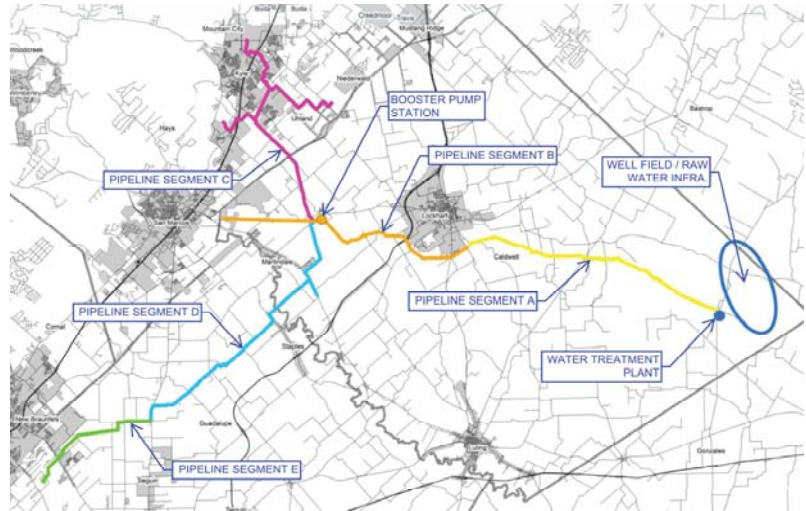
- February
 - Pipeline Segment D (90%)



Procurement Update

Current anticipated release of first 4 contracts:

- Water Treatment Plant
 - Mid March
- Booster Pump Station
 - Mid March
- Segment A
 - Late March
- Segment B
 - Late April



Kimley»Horn

Procurement Update

- | | |
|--|---|
| <ul style="list-style-type: none"> • Water Treatment Plant <ul style="list-style-type: none"> • TCEQ Plan Review – Underway • TWDB Bid Doc. Review – Pending • Other Items <ul style="list-style-type: none"> • Caldwell County Permits • GVEC Service Coordination • Booster Pump Station <ul style="list-style-type: none"> • TCEQ Plan Review – Pending • TWDB Bid Doc. Review – Pending • Other Items <ul style="list-style-type: none"> • Caldwell County Permits • BBEC Service Coordination • City of San Marcos – Watershed Protection Plan • Delivery Point Permits | <ul style="list-style-type: none"> • Pipeline Segments A and B <ul style="list-style-type: none"> • Land Acquisition – Pending • TWDB Env. Review – Pending • TWDB Bid Doc. Review – Pending • Other Items <ul style="list-style-type: none"> • Caldwell County Permits • TxDOT Permits • Plum Creek Conservation District Approval • Utility Coordination |
|--|---|



Kimley»Horn

Pipeline Easement Acquisition Status

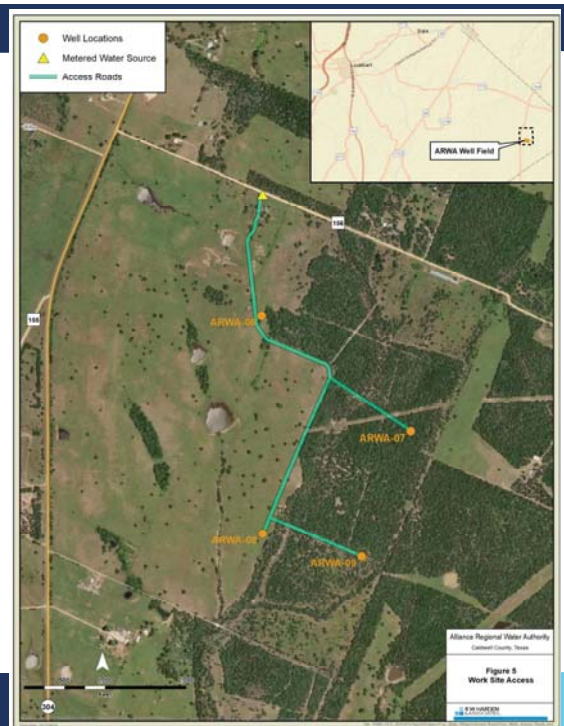
Pipeline Segment	Number of Parcels	Appraisals Prepared	Initial Offer Letter Delivered	Final Offer Letter Delivered	Purchase Agreement Signed / Possession Obtained	Approved for Condemnation
A	39	39	38	24	21	16
B	53	48	42	36	6	32
D	59	56	55	31	14	10
C	79	16	15	10	3	3
E	38	28	19	6	2	0
Wellfield	20	0	0	0	0	0
Total	288	187	169	107	46	61



Kimley»Horn

Well Drilling Construction Progress

- Actual Progress (last 30 days)
 - Site No. 8
 - Water samples taken
 - Results in 2-3 weeks
 - Site No. 9
 - Continued effort to finalize for pump testing
 - Site No. 7
 - Drilling nearly completed
 - Screen and casing are ready to be installed
- Anticipated Progress (next 30 days)
 - Site No. 7
 - Install screen and casing
 - Site No. 8
 - Finalize well
 - Site No. 9
 - Pump testing



Well Field Construction Update

Photo Credit:
Jim Tolles



Well No. 7
Screen Installation



Well No. 9
Bailing to Cleanup Water



Kimley»Horn

Well Field Construction Update

Photo Credit:
Jim Tolles



Well No. 8
Test Pump Setup



Well No. 8
36-Hour Pump Test



Kimley»Horn

Budget Update



Kimley»Horn

COST UPDATES BASED ON DECEMBER MILESTONE SUBMITTALS

	Construction Package	ORIGINAL ARWA Total Projected Cost	REVISED ARWA Total Projected Cost	DIFFERENCE
Submittal (%)	Combined Program Infrastructure			
100	Water Treatment Plant	\$ 24,500,000	\$ 26,300,000	\$ 1,800,000
90	SCADA Fiber Backbone	\$ 900,000	\$ 400,000	(\$ 500,000)
90	Booster Pump Station & GBRA Meter Stations	\$ 15,300,000	\$ 12,000,000	(\$ 3,300,000)
30	Inline EST (South)	\$ 3,600,000	\$ 3,600,000	\$ 0
90	Pipeline Segment A	\$ 28,600,000	\$ 23,800,000	(\$ 4,800,000)
90	Pipeline Segment B	\$ 29,400,000	\$ 31,800,000	\$ 2,400,000
90	Pipeline Segment D	\$ 36,300,000	\$ 36,700,000	\$ 400,000
60	Pipeline Segment E	\$ 9,500,000	\$ 9,200,000	(\$ 300,000)
	Subtotal	\$148,100,000	\$143,800,000	(\$ 4,300,000)
	ARWA-Only Infrastructure			
Const.	Wellfield	\$ 3,800,000	\$ 3,100,000	(\$ 700,000)
90	Water Treatment Plant	\$ 2,600,000	\$ 2,600,000	\$ 0
90	ARWA Delivery Points	\$ 6,100,000	\$ 5,500,000	(\$ 600,000)
30	Inline EST (North)	\$ 5,400,000	\$ 6,600,000	\$ 1,200,000
90	Raw Water Infrastructure	\$ 7,400,000	\$ 10,200,000	\$ 2,800,000
No Design	Administration and Operations Building	\$ 4,300,000	\$ 4,200,000	(\$ 100,000)
60	Pipeline Segment C	\$ 64,500,000	\$ 62,600,000	(\$ 1,900,000)
60	Pipeline Segment E	\$ 6,700,000	\$ 10,100,000	\$ 3,400,000
	Subtotal	\$100,800,000	\$104,900,000	\$ 4,100,000
	Total	\$248,900,000	\$248,700,000	(\$200,000)
	Contingencies	\$65,900,000	\$44,500,000	(\$21,400,000)
	Total with Contingencies	\$314,800,000	\$293,200,000	(\$21,600,000)

JANUARY 2021 UPDATE

CHANGE FROM DEC.
UPDATE =

(\$5,400,000) TOTAL



Questions?



Kimley»Horn

January 08, 2021

Project Monthly Summary

December 2020 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.
 - Prepared and presented the Technical Committee Update.
 - Prepared and presented Board Meeting Update.
 - Prepared and presented Project Advisory Committee Meeting Update.
 - Prepared for and held Monthly Status Meeting with Alliance Water.

- Task 3 – Budgeting
 - Finalized the TWDB Forecast Budget for ARWA’s review and feedback.
 - Continued updates to Budget Workbook to include monthly tracking of actual costs for ARWA review.
 - Continued development of projected Operation and Maintenance costs and addressed feedback received from ARWA.

- Task 4 – Schedule
 - Revised Project Deliverable Schedule based on the feedback received from ARWA and Design Consultants.
 - Coordinated with Program team to integrate each project schedule into overall Program schedule. Developed the monthly Program schedule summary.

- Task 6 – Data Management
 - Ongoing maintenance of Microsoft SharePoint Online program.
 - Continued updating of web-based GIS for right-of-entry process and alignment changes.

- Task 7 – Environmental Management
 - Reviewed the Segment B and D Hazmat Phase II reports prepared by the Environmental Consultant.
 - Continued coordination with Program Environmental Consultant concerning the comment responses to the United States Army Corps of Engineers.
 - Coordinated with the Program Environmental Consultant regarding Inline Elevated Storage Tank site field work.
 - Coordinated with the Program Environmental Consultant to prepare a proposal for additional field work needs given the United States Army Corps of Engineers comments.

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

- Continued coordination with the Program Environmental Consultant regarding additional hazmat studies for Segments C and E.
- Performed coordination between Program Environmental Consultant and Land Acquisition Consultant to clarify environmental field work to be done on properties as part of right-of-entry process.
- Monthly progress meeting and ongoing coordination with Program Environmental Consultant.
- Continued coordination between Program Environmental Consultant and Design Engineers.
- Reviewed Program Environmental invoices, schedule, and risk log.

- Task 8 – Land Acquisition Management
 - Coordinated the appraisal process for Segments A, B, C, D, and E parcels.
 - Coordinated with Program Survey Consultant, Program Environmental Consultant, and Land Acquisition 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 team.
 - Weekly coordination meeting with land agents to discuss status of rights-of-entry and to provide Program clarification on any questions/requests that have come from landowners.
 - Reviewed Program Land Acquisition team, Program Appraiser, and Program Survey invoices.
 - Continued field work coordination to notify landowners of upcoming field work by consultants.

- Task 9 – Texas Water Development Board Management
 - Coordinated with TWDB concerning the status of latest reimbursement funding release.
 - Continue coordination with TWDB Staff to track all EFRs, environmental reports, and bid documents currently under review.

- Task 10 – Design Standards
 - Review and address comments received from the Design Consultants concerning the Pipeline Construction Standards.
 - Finalized the Cathodic Protection Program Standards given feedback from the PAC and Design Consultants.
 - Revised the Security Standards given feedback from the PAC and Design Consultants.
 - Revised the Fiber Standards given feedback from the PAC and Design Consultants.

- Task 11 – Engineering Design Management
 - Pipelines:
 - Segment A

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

- Continued coordination with Design Consultant for final design.
 - Segment B
 - Continued coordination with Design Consultant for final design.
 - Segment C
 - Began review of the Segment C 60% design submittal prepared by the Design Consultant.
 - Continued coordination with Design Consultant for final design.
 - Backchecked the Draft 30% Engineering Feasibility Report prepared by the Design Consultant.
 - Continued coordination with Design Consultant regarding ongoing field work and pipeline alignment considerations as part of right-of-entry process and EFR development.
 - Segment D
 - Finalized review of the Segment D 90% design submittal prepared by the Design Consultant.
 - Attended the Segment D 90% Design Workshop.
 - Continued coordination with Design Consultant for final design.
 - Segment E
 - Began review of the Segment E 60% design submittal prepared by the Design Consultant.
 - Continued coordination with Design Consultant for final design.
 - Backcheck reviewed the Draft 30% Engineering Feasibility Report prepared by the Design Consultant.
- Wellfield:
 - Continued coordination regarding the construction for Wells 6-9.
- Raw Water Infrastructure:
 - Finalized review of the 100% design submittal prepared by the Design Consultant.
 - Continued coordination with Design Consultant for final design development.
- Water Treatment Plant:
 - Finalized review of the 100% design submittal prepared by the Design Consultant.
 - Attended 100% Submittal Review Workshop.
 - Coordinated with Design Consultant concerning Hydraulics/Surge development.
 - Continued coordination with Design Consultant for final design.
- Booster Pump Station:
 - Began review of the 100% design submittal prepared by the Design Consultant.

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

- Coordinated with Design Consultant for final design.
 - Inline Elevated Storage Tanks:
 - Began review of the 30% EFR prepared by the design consultant.
 - Continued coordination with Design Consultant for 30% design development.
 - 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 13 – Electrical Power Planning
 - Continued coordination with ARWA and GVEC to develop agreement terms for service to the well field.
 - Continued coordination with GVEC regarding electric service to the WTP and wellfield.
- Task 14 – Permit Coordination/Tracking
 - Attended permit intake review meetings with Caldwell County for Segment B.
 - Continued Permit coordination with Pipeline Consultants.
 - Continued coordination with Caldwell County concerning variance request for the Site Development Permit.
 - Continued coordination with Caldwell and Guadalupe County TxDOT offices concerning roadway crossings.
 - Continued General Coordination with TxDOT.
 - Continued General Coordination with GVEC and BBEC.
 - On-going Permit Tracking Log Updates.
- Task 16 – Other Services
 - Continued evaluation of the Procurement Process, including a comparison of the Competitive Sealed Proposal and Pre-Qualified processes for ARWA’s review and feedback.
 - Coordinate with design consultants and construction management team regarding the ARWA contract document templates and Competitive Sealed Proposal process.
 - Continued addressing ARWA’s comments to finalize the additional solar analysis and memo.
 - Commissioning Planning
 - Continued evaluating the commissioning of the Phase 1B infrastructure.
 - Evaluated the anticipated water volume required to commission the Phase 1B infrastructure.

January 2021 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 the Technical Committee 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
 - Finalize the TWDB Forecast Budget for ARWA’s review and feedback.
 - Continue updates to Budget Workbook to include monthly tracking of actual costs for ARWA review.
 - Finalize development of projected Operation and Maintenance costs and address feedback received from ARWA.

- Task 4 – Schedule
 - Revise the Project Deliverable Schedule based on the feedback received from ARWA and Design Consultants.
 - Coordinate with Program team to integrate each project schedule into overall Program schedule.

- Task 6 – Data Management
 - Ongoing maintenance of Microsoft SharePoint Online program.
 - Continued updating of web-based GIS for right-of-entry process and alignment changes.

- Task 7 – Environmental Management
 - Provide ARWA summarizing the comments received from the THC’s review of the Segment A Hazmat Phase II reports.
 - Finalize review of the Segment B and D Hazmat Phase II reports prepared by the Environmental Consultant.
 - Continue coordination with Program Environmental Consultant concerning the comment responses to the United States Army Corps of Engineers.
 - Coordinate with the Program Environmental Consultant regarding Inline Elevated Storage Tank site field work.
 - Continued coordination with the Program Environmental Consultant regarding additional hazmat studies for Segment C and E.
 - Perform coordination between Program Environmental Consultant and Land Acquisition Consultant to clarify environmental field work to be done on properties as part of right-of-entry process.

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

- 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
 - Coordinate the appraisal process for Segment A, B, C, D, and E parcels.
 - Coordinate with Program Survey Consultant, Program Environmental Consultant, and Land Acquisition team to address questions that arise as part of the field work coordination process.
 - Perform weekly QC of parcel files in SharePoint, provide comments to Land Acquisition team.
 - Weekly coordination meeting with land agents to discuss status of rights-of-entry and to provide Program clarification on any questions/requests that have come from landowners.
 - Review Program Land Acquisition team, Program Appraiser, and Program Survey invoices.
 - Continue field work coordination to notify landowners of upcoming field work by consultants.

- Task 9 – Texas Water Development Board Management
 - Continue coordination with TWDB Staff to track all EFRs, environmental reports, and bid documents currently under review.

- Task 10 – Design Standards
 - Finalize and distribute the Pipeline Construction Standards.
 - Finalize the Cathodic Protection Program Standards.
 - Distribute finalized Security Standards given feedback from the PAC and Design Consultants.
 - Distribute finalized Fiber Standards given feedback from the PAC and Design Consultants.

- Task 11 – Engineering Design Management
 - Pipelines:
 - Segment A
 - Review the Segment A 100% design submittal prepared by the Design Consultant.
 - Attend the Segment A 100% Design Workshop.
 - Continue coordination with Design Consultant for final design.
 - Finalize and submit the Final 30% Engineering Feasibility Report to the TWDB.
 - Segment B

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

- Begin review of the Segment B 100% design submittal prepared by the Design Consultant.
 - Continue coordination with Design Consultant regarding for final design.
 - Segment C
 - Finalize review of the Segment C 60% design submittal prepared by the Design Consultant.
 - Attend the Segment C 60% Design Workshop.
 - Continue coordination with Design Consultant regarding ongoing field work and pipeline alignment considerations as part of right-of-entry process and EFR development.
 - Continue coordination with Design Consultant for final design.
 - Segment D
 - Continue coordination with Design Consultant for final design.
 - Segment E
 - Finalize review of the Segment E 60% design submittal prepared by the Design Consultant.
 - Attend the Segment E 60% Design Workshop.
 - Continue coordination with Design Consultant for final design.
- Wellfield:
 - Continue coordination regarding the construction of Wells 6-9.
- Raw Water Infrastructure:
 - Continue coordination with Design Consultant regarding for final design.
- Water Treatment Plant:
 - Review of the additional 100% design submittal prepared by the Design Consultant.
 - Continue coordination with Design Consultant concerning Hydraulics/Surge development.
 - Continue coordination with Design Consultant for final design.
- Booster Pump Station:
 - Finalize review of the 100% design submittal prepared by the Design Consultant.
 - Coordination with Design Consultant for final design.
- Inline Elevated Storage Tanks:
 - Finalize review of the 30% EFR prepared by the design consultant.
 - Coordination with Design Consultant for 30% design development.
- Other:
 - Monthly progress meetings with all Design Consultants (pipelines, water treatment plant, raw water infrastructure, wellfield).
 - Review invoices, schedules, and risk logs for consultants

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

- Task 13 – Electrical Power Planning
 - Continue coordination with ARWA and GVEC to develop agreement language for service to the well field.
 - Continue coordination with GVEC regarding electric service to the WTP and wellfield.

- 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 and Guadalupe County TxDOT offices concerning roadway crossings.
 - General Coordination with TxDOT.
 - General Coordination with GVEC and BBEC.
 - Permit Tracking Log Updates.

- Task 16 – Other Services
 - Finalize the Procurement Process, including a comparison of the Competitive Sealed Proposal and Pre-Qualified processes for ARWA’s review and feedback.
 - Finalize additional solar analysis and memo to address ARWA’s comments.
 - Commissioning Planning
 - Finalize the evaluation of the Phase 1B infrastructure commissioning for ARWA’s review.
 - Finalize the anticipated water volume required to commission the Phase 1B infrastructure.
 - Finalize and submit the City of San Marcos Watershed Protection Plan for the Booster Pump Station Plat.

Scope Elements Added/Removed:

None at this time.

Outstanding Issues/Concerns:

None at this time.

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F.3 Discussion of legislative issues for the 87th Texas Legislature, and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*

Background/Information

On the following pages is a list of bills that have been filed that may be of interest to the Authority as of January 6, 2021. 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 2020.

The list will continue to be updated and/or revised as new bills are filed and when they are assigned to committees.

Attachment(s)

- ARWA Bill Tracking as of 1/6/2021

Technical Committee Decision Needed:

- Possible direction to Staff.

ARWA Bill Tracking – 2021 / 87th Texas Legislature

ARWA – Bills to Monitor (as of 1/06/2021)				
<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
HB 263	Meza	<ul style="list-style-type: none"> Relating to rest breaks for employees of certain contractors with a governmental entity 		Monitor
HB 348	Zwiener	<ul style="list-style-type: none"> Relating to a requirement to make certain environmental and water use permit applications available online 		
HB 666 HB 668 SB 152	Harris Harris Perry	<ul style="list-style-type: none"> Relating to regulation of groundwater conservation districts Award of attorney fees is optional Groundwater rights owner can petition for rule-making Notice of permit to adjacent landowners 		Support
HB 692	Shine	<ul style="list-style-type: none"> Relates to retainage requirements for certain public works construction projects 		Monitor
HB 749 SB 234	Middleton Hall	<ul style="list-style-type: none"> Prohibits political subdivision from spending public funds on lobbyists 		Monitor
HB 768	Patterson	<ul style="list-style-type: none"> Extends a requirement to make video and audio of a regular public meeting available on the internet. Requirements match those of school board meetings. 		Monitor
HB 776	Walle	<ul style="list-style-type: none"> Clarifies contract requirements for workers' compensation on construction projects 		
HB 837	Lucio III	<ul style="list-style-type: none"> Requires the PUC to verify the compensation awarded to a utility by the petitioner 		Support
HB 863	Romero	<ul style="list-style-type: none"> Requires an audit of public work contract to verify compliance with prevailing wage rate requirements 		Monitor
HB 901	Burns	<ul style="list-style-type: none"> Applies to private entities only: Establishes criteria that company must meet to make a bona fide 		Monitor

ARWA Bill Tracking – 2021 / 87th Texas Legislature

		offer and includes some requirements for the conveyance documents		
HB 902	Burns	<ul style="list-style-type: none"> Require the AG to establish an ombudsman office to provide info to landowners whose property is being taken by eminent domain. Includes continuing education for ROW agents. Comprehensive changes to the Property Code. 		Monitor
HB 966	Burns	<ul style="list-style-type: none"> Ch. 36 Water Code amended to change award of attorney's fees from "shall" to "may". 		Support

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- 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 January 12th – a verbal update will be provided to the Board on any items affecting the Authority.

Plum Creek Conservation District (PCCD)

The PCCD is scheduled to meet on January 19th.

Groundwater Management Area 13

The next GMA-13 meeting is scheduled for February 5th.

Region L Planning Group

No update.

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

No update.

Technical Committee decision needed:

- None.

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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*

Board Meeting

- The January Board meeting will be held Virtually on Wednesday, January 27th.

Consultant Invoices Paid

- Below are reports on the consultant invoices paid in December.

FY 20-21 CONSULTANT INVOICES PAID in DECEMBER 2020

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/ Anomalies
LAN - Kyle/Buda Design	\$76,971.62	\$0.00	\$3,465.00	5%	\$73,506.62	
RW Harden	\$30,000.00	\$322.31	\$322.31	1%	\$29,677.69	
Tx Solutions Group	\$72,000.00	\$6,000.00	\$18,000.00	25%	\$54,000.00	
BGE - Ph 1A CA	\$7,110.08	\$0.00	\$0.00	0%	\$7,110.08	
Kent Alan Sick - ROW Legal	\$45,000.00	\$784.44	\$3,929.34	9%	\$41,070.66	
LNV - GIS Svcs	\$16,693.63	\$840.00	\$1,995.00	12%	\$14,698.63	
Armstrong, Vaughan & Associates, P.C.	\$10,930.00	\$0.00	\$0.00	0%	\$10,930.00	
J.R. Tolles & Associates, Inc.	\$245,000.00	\$19,222.00	\$38,178.00	16%	\$206,822.00	
Lloyd Gosselink Rochelle & Townsend	\$105,000.00	\$14,909.00	\$14,909.00	14%	\$90,091.00	
CD&P - Public Relations	\$35,404.50	\$6,970.50	\$6,970.50	20%	\$28,434.00	
MLA Labs, Inc. - Segment B	\$6,773.00	\$0.00	\$398.00	6%	\$6,375.00	
Total	\$650,882.83	\$49,048.25	\$88,167.15		\$562,715.68	

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- Below is the report on the Phase 1B invoices paid in December.

PHASE 1B FY 19-20 CONSULTANT INVOICES PAID in DECEMBER 2020

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/Anomalies
Kimley-Horn Ph 1B Owner's Rep W03	\$1,372,351.19	\$0.00	\$1,364,772.77	99%	\$7,578.42	
Kimley-Horn Ph 1B Owner's Rep W04	\$3,110,422.00	\$0.00	\$1,791,388.48	58%	\$1,319,033.52	
Blanton - Environmental	\$1,596,507.08	\$0.00	\$1,149,600.80	72%	\$446,906.28	
LAN - Segment A Prelim	\$182,524.80	\$0.00	\$66,160.60	36%	\$116,364.20	
LAN - Segment A Final	\$2,051,778.00	\$108,238.38	\$1,682,113.11	82%	\$369,664.89	
KFA - Segment B Prelim	\$118,202.94	\$0.00	\$104,927.00	89%	\$13,275.94	
KFA - Segment B Final	\$1,943,999.13	\$138,661.36	\$1,362,020.16	70%	\$581,978.97	
BGE - Segment C Prelim	\$196,631.20	\$21,477.64	\$181,531.96	92%	\$15,099.24	
BGE - Segment C Final	\$2,688,310.00	\$119,101.93	\$445,713.31	17%	\$2,242,596.09	
FNI - Segment D Prelim	\$73,867.86	\$0.00	\$10,334.20	14%	\$63,533.66	
FNI - Segment D Final	\$2,025,298.00	\$124,309.53	\$1,161,643.31	57%	\$863,654.69	
Walker - Segment E Prelim	\$283,489.60	\$0.00	\$224,851.59	79%	\$58,638.01	
Walker - Segment E Final	\$1,234,982.00	\$77,363.51	\$194,181.39	16%	\$1,040,800.61	
LAN - ROW Acquisition	\$2,145,847.22	\$0.00	\$544,746.94	25%	\$1,601,100.28	
DTR&G	\$894,535.31	\$0.00	\$371,816.01	42%	\$522,719.30	
CBRE - Appraisals	\$2,291,500.00	\$0.00	\$507,350.00	22%	\$1,784,150.00	
CP&Y - Survey	\$2,019,932.20	\$0.00	\$1,034,952.20	51%	\$984,980.00	
RW Harden - WDH	\$28,420.00	\$0.00	\$28,420.00	100%	\$0.00	
RW Harden - WDH Const Admin	\$384,200.00	\$0.00	\$26,046.40	7%	\$358,153.60	
LNV - RWI	\$1,100,560.45	\$0.00	\$875,046.59	80%	\$225,513.86	
Walker Partners - WTP Prelim Design	\$254,937.12	\$0.00	\$253,663.76	100%	\$1,273.36	
Walker Partners - WTP Final Design	\$3,094,373.00	\$275,149.32	\$2,434,873.84	79%	\$659,499.16	
FNI - BPS Prelim	\$292,827.88	\$4,772.50	\$288,055.38	98%	\$4,772.50	
FNI - BPS Final	\$1,753,196.00	\$203,524.34	\$1,041,134.37	59%	\$712,061.63	
Plummer - Inline Elevated Tank	\$87,509.05	\$0.00	\$36,145.78	41%	\$51,363.27	
Pape-Dawson - CM&I W0#1	\$64,280.00	\$0.00	\$47,399.56	74%	\$16,880.44	
Pape-Dawson - CM&I W0#2	\$189,790.00	\$0.00	\$42,290.00	22%	\$147,500.00	
Hicks & Co - WDH Environmental	\$23,938.75	\$0.00	\$8,064.75	34%	\$15,874.00	
Total	\$31,504,210.78	\$1,072,598.51	\$17,279,244.86		\$14,224,965.92	

REGULAR MEETING
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COMMITTEE MEMBER PACKETS

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Approved Change Orders

- See below for Change Orders approved in December 2020

CHANGE ORDERS APPROVED IN DECEMBER 2020				
Consultant	Original Authorization	Change Orders to Date	Change Order Approved this Month	New Total Contract Amount
Walker Partners: 1B Segment E	\$ 408,755.00	\$ 164,719.00	\$ -	\$ 573,474.00
Black Castle - Phase 1A BPS Construction	\$ 4,999,080.00	\$ 111,827.56	\$ -	\$ 5,110,907.56
Drilling & Hydrogeology	\$ 114,000.00	\$ 31,380.00	\$ -	\$ 145,380.00
Freese & Nichols: 1B BPS & DP Prelim	\$ 771,617.00	\$ 44,408.00	\$ -	\$ 816,025.00
K Friese & Assoc.: 1B Segment B	\$ 565,417.00	\$ 60,095.00	\$ -	\$ 625,512.00
BGE: 1B Segment C Prelim	\$ 614,626.00	\$ 34,430.00	\$ -	\$ 649,056.00
Freese & Nichols: 1B Segment D	\$ 597,714.00	\$ 66,722.00	\$ -	\$ 664,436.00
Walker Partners: 1B WTP (Prelim)	\$ 1,203,606.00	\$ 40,406.00	\$ -	\$ 1,244,012.00
CP&Y: Ph 1B Program Survey	\$ 3,375,780.00	\$ 83,500.00	\$ -	\$ 3,459,280.00
Freese & Nichols: 1B Segment D (Final)	\$ 1,999,464.00	\$ 44,216.75	\$ -	\$ 2,043,680.75
LAN: 1B Segment A Final Design	\$ 1,903,077.00	\$ 186,591.00	\$ 37,890.00	\$ 2,089,668.00
Blanton & Assoc: Environmental Invest.	\$ 1,398,775.00	\$ 150,703.00	\$ -	\$ 1,549,478.00
K Friese & Assoc: 1B Seg B Final Design	\$ 1,830,994.00	\$ 177,660.13	\$ 10,000.00	\$ 1,878,842.13
LAN: 1A Seg B Const Admin	\$ 108,860.01	\$ 6,204.04	\$ -	\$ 115,064.05
Walker Partners: 1B WTP (Final)	\$ 2,900,402.00	\$ 193,971.00	\$ -	\$ 3,094,373.00
LNV: 1B Raw Water (Design)	\$ 1,418,700.00	\$ 37,277.00	\$ -	\$ 1,455,977.00
Walker Partners: 1B Seg E (Final)	\$ 1,190,421.00	\$ 44,561.00	\$ -	\$ 1,234,982.00
JR Tolles: 1A CM&I	\$ 210,000.00	\$ 41,000.00	\$ -	\$ 251,000.00
BGE: 1B Segment C Final	\$ 2,688,310.00	\$ 237,091.00	\$ -	\$ 2,925,401.00

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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.
-

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, January 13th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 338 069 088#

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, January 13th, 2021 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*
-

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS
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J. ADJOURNMENT
