

**Alliance Regional Water Authority  
Technical Committee**

**REGULAR MEETING**



**ALLIANCE WATER**

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572  
Code: 287 050 761#

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.  
Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**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, April 14, 2021. The public may participate in this meeting by calling the following number and code:**

**Conference Call Number: 1-903-405-2572**  
**Code: 287 050 761#**

**Members of the public wishing to make public comment during the meeting must register by emailing [info@alliancewater.org](mailto:info@alliancewater.org) prior to 3:00 p.m. on April 14, 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 February 10, 2021. ~ *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*

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

- F.3 Discussion and possible direction to Staff regarding Commissioning of the Phase 1B Program ~ *Nathan Cobbler, P.E., Kimley-Horn & Associates.*
- F.4 Discussion of legislative issues for the 87th Texas Legislature, and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*
- 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. ~ *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

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

**COMMITTEE MEMBER PACKETS**  
Wednesday, April 14th, 2021 at 3:00 P.M.  
Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**A. CALL TO ORDER**

---

No Backup Information for this Item.

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

**COMMITTEE MEMBER PACKETS**  
Wednesday, April 14th, 2021 at 3:00 P.M.  
Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**B. ROLL CALL**

---

NAME PRESENT

Blake Neffendorf

James Earp

Tom Taggart

Humberto Ramos

Tim Samford

Mike Taylor

NON-VOTING MEMBERS PRESENT

Mayor Lee Urbanovsky

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.  
Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**C. PUBLIC COMMENT PERIOD**

---

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

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

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

**COMMITTEE MEMBER PACKETS**  
Wednesday, April 14th, 2021 at 3:00 P.M.  
Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**D. CONSENT AGENDA**

---

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

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**D.1** Consider approval of minutes of the Technical Committee Meeting held February 10, 2021. ~ *Graham Moore, P.E., Executive Director*

---

Attachment(s)

- 2021 02 10 Technical Committee Meeting Minutes

**Technical Committee decision needed:**

- Approval of minutes.





## ALLIANCE WATER

### Alliance Regional Water Authority

### TECHNICAL COMMITTEE MEETING

### MINUTES

**Wednesday, February 10, 2021**

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, February 10, 2021 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. Earp.**

B. ROLL CALL.

- **Present: Neffendorf, Earp, Ramos, Samford and Taylor.**
- **Absent: Taggart and Urbanovsky.**

C. PUBLIC COMMENT PERIOD

- **None.**

D. CONSENT AGENDA

D.1 Consider approval of minutes of the Technical Committee Meeting held January 13, 2021.

- **Motion to adopt the consent agenda as presented was made by Mr. Taylor, seconded by Mr. Neffendorf and approved on a 5-0 vote.**

E. PRESENTATIONS TO THE COMMITTEE

E.1 None.

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

- F.1 Update and possible direction to Staff regarding the Authority's Phase 1A projects.
- **Mr. Biemer noted that the pump station project is waiting on replacement parts for variable frequency drive #2.**
  - **Mr. Taylor asked if this is a spare part that should we should stock and whether this is a problem of the General Contractor not paying their subs.**
  - **Mr. Biemer responded that the subcontractor seems committed to complete the repair and that this is not normally a part that we would stock.**
  - **Mr. Samford asked if the variable frequency drive can be bypassed and the motor can be started across-the-line.**
  - **Mr. Biemer responded that we do not currently have that configuration.**
  - **No Action.**

**Items F.2 and F.3 were opened concurrently.**

- F.2 Update and possible direction to Staff regarding the Authority's Phase 1B program.
- F.3 Update, discussion and possible direction to Staff regarding the Authority's Phase 1B Program Schedule.
- **Mr. Sowa provided an update on the Phase 1B program and on the Authority's 1B Program Schedule.**
  - **Mr. Ramos inquired as to the location of the Administrative Building within the schedule and if a laboratory is included.**
  - **Mr. Moore responded that the Water Treatment Plant facility has a laboratory included and some small administrative areas. The overall Program master schedule has the Administrative Building still included, but since it is currently on hold the Program has not been reporting on its progress.**
  - **Mr. Ramos asked if cathodic protection is being provided on the pipelines.**
  - **Mr. Sowa responded that each designer has cathodic protection in their design plans.**
  - **No Action.**
- F.4 Update, discussion and possible direction to Staff regarding the initial raw water quality data obtained from the Phase 1B Well Drilling project.
- **Ms. Vergara provided an update on the preliminary water quality results.**

- **Mr. Taylor asked the team to elaborate if GBRA's raw water quality will cause the treatment operations and maintenance costs to rise and, if so, how will that be dealt with.**
  - **Mr. Moore responded that more data is needed before making a judgement as to whether water quality differences between GBRA and ARWA well fields are significant enough to require different levels and costs of treatment.**
  - **No Action.**
- F.5 Discussion and possible recommendation to the Board to approve a work order with Kimley-Horn & Associates, Inc. for Owner's Representative Services for March 2021 through February 2022 for the Authority's Phase 1B Program.
- **Mr. Moore presented the draft work order for Kimley-Horn to continue as the Phase 1B Owner's Representative for March 2021 through February 2022.**
  - **Motion to recommend to the Board approval of a work order with Kimley-Horn to continue as the Phase 1B Owner's Representative was made by Mr. Taylor, seconded by Mr. Ramos and approved on a 5-0 vote.**
- F.6 Discussion of legislative issues for the 87th Texas Legislature, and possible direction to Staff.
- **Mr. Moore provided an update on the current session and legislation.**
  - **No Action.**
- F.7 Update on status of groundwater management in project target area, and Gonzales County Underground Water Conservation District, Plum Creek Conservation District, Groundwater Management Area 13, Region L Planning Group, Guadalupe-Blanco River Authority, Hays County and CAPCOG activities.
- **Mr. Moore provided an update.**
  - **No Action.**

#### G. EXECUTIVE DIRECTOR REPORT

- **No Action.**

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

- **Mr. Taggart requested that the February meeting include a detailed schedule update for land acquisition and cost trends.**

I. EXECUTIVE SESSION

I.1 The Technical Committee recessed into Executive Session at 4:29 p.m. pursuant of the Government Code, Section 551.071, to seek the General Counsel's advice regarding matters involving attorney-client privilege, and/or Section 551.072 to discuss water supply project partnership options. The Technical Committee reconvened from Executive Session at 5:15 p.m.

- 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 5:16 p.m. by Mr. Earp.**

**APPROVED:** \_\_\_\_\_, 2021

\_\_\_\_\_

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

- 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:

- Project accepted – final close-out documents submitted to the TWDB for approval. Retainage will be released upon approval..

Pump Station:

- Project accepted – final close-out documents submitted to the TWDB for approval. Retainage will be released upon approval.
- Coordinating with Buda on introduction of water into their system.

**Technical Committee Decisions Needed:**

- None.

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

- 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 – April 14, 2021
- Kimley-Horn Monthly Summary of Activities for March 2021

**Technical Committee Decisions Needed:**

- None.



# Phase 1B Program Update

Technical Committee Meeting  
April 14, 2021



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

## Ongoing Progress

### Milestone Updates

#### Design Submittals

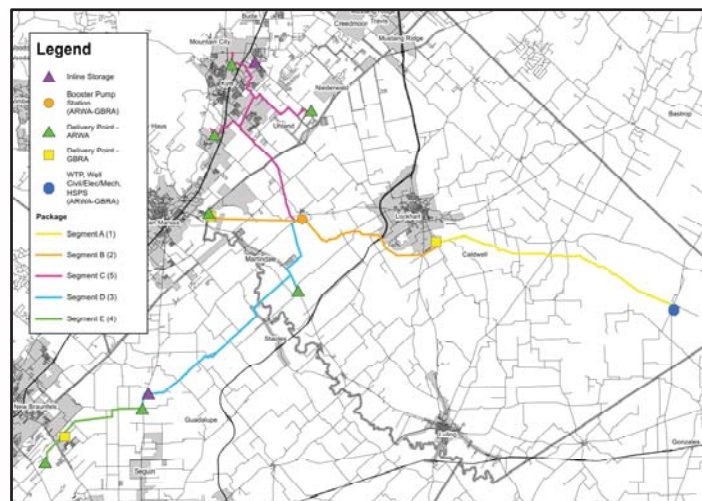
- Pipeline Segment C (90%) – April
- Pipeline Segment E (90%) – April

#### TWDB Reviews

- Segment A
- Booster Pump Station

#### Procurement Phase

- Water Treatment Plant
  - Proposals due May 4<sup>th</sup>
  - May Board Approval Anticipated



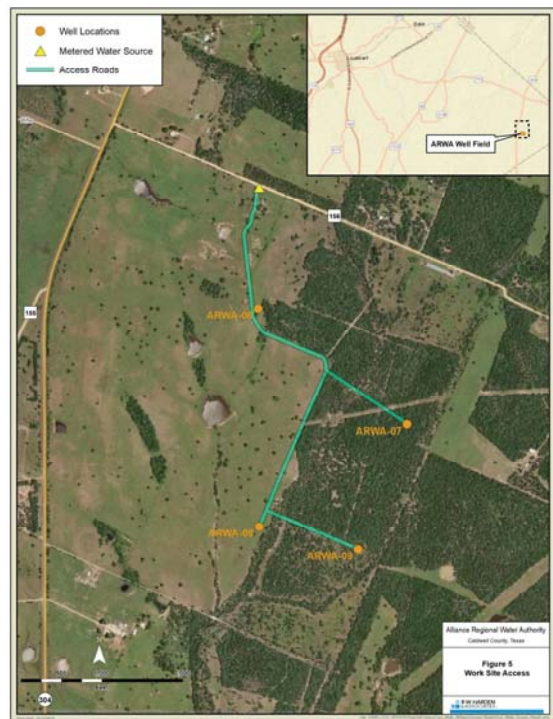
# Pipeline Easement Acquisition Status

Pipeline Segment	Number of Parcels	STATUS						
		(A) Appraisal/Offer in Development	(B) Negotiation (Initial Offer)	(C) Negotiation (Final Offer)	(D) = (A+B+C) Appraisal / Negotiation	(E) Condemnation in Process	(F) = (D+E) Possession Still Needed	(G) Purchase Agreement Signed / Possession Obtained
A	39	0	0	0	0	13	13	26
B	52	0	1	1	2	36	38	14
D	56	1	5	11	17	25	42	14
C	79	33	21	10	64	10	74	5
E	37	12	4	5	21	13	34	3
Well Field	20	17	3	0	20	0	20	0
<b>Total</b>	<b>283</b>						<b>221</b>	<b>62</b>



## Well Drilling Construction Progress

- ▶ Actual Progress (last 30 days)
  - Sites No. 8 and 9
    - Finalizing Wells
  - Site No. 6 and 7
    - Pump Efficiency Issues
- ▶ Anticipated Progress (next 30 days)
  - Site No. 6
    - Continued Development, Testing, and Sampling
  - Site No. 7
    - Testing and Sampling







## Budget Update

### COST UPDATES BASED ON MARCH MILESTONE SUBMITTALS

		ORIGINAL (FEB. 2019)	REVISED	
	Construction Package	ARWA Total Projected Cost	ARWA Total Projected Cost	DIFFERENCE
<b>Submittal (%)</b>	<b>Combined Program Infrastructure</b>			
100	Water Treatment Plant	\$ 25,200,000	\$ 28,900,000	\$ 3,700,000
100	Booster Pump Station & GBRA Meter Stations	\$ 12,100,000	\$ 12,200,000	\$ 100,000
30	Inline EST (South)	\$ 3,600,000	\$ 3,600,000	\$ 0
100	Pipeline Segment A	\$ 27,200,000	\$ 26,000,000	(\$ 1,200,000)
100	Pipeline Segment B	\$ 27,100,000	\$ 32,400,000	\$ 5,300,000
100	Pipeline Segment D	\$ 36,300,000	\$ 37,700,000	\$ 1,400,000
60	Pipeline Segment E	\$ 9,500,000	\$ 9,200,000	(\$ 300,000)
	<b>Subtotal</b>	<b>\$141,000,000</b>	<b>\$150,000,000</b>	<b>\$ 9,000,000</b>
	<b>ARWA-Only Infrastructure</b>			
Const.	Well Drilling	\$ 3,800,000	\$ 3,100,000	(\$ 700,000)
100	Raw Water Infrastructure	\$ 7,000,000	\$ 10,200,000	\$ 3,200,000
100	ARWA Booster Pump Station & Delivery Points	\$ 7,700,000	\$ 5,500,000	(\$ 2,200,000)
30	Inline EST (North)	\$ 5,400,000	\$ 6,600,000	\$ 1,200,000
60	Pipeline Segment C	\$ 64,500,000	\$ 62,500,000	(\$ 2,000,000)
60	Pipeline Segment E (ARWA-Only)	\$ 6,700,000	\$ 10,100,000	\$ 3,400,000
No Design	Administration and Operations Building	\$ 4,300,000	\$ 4,200,000	(\$ 100,000)
	<b>Subtotal</b>	<b>\$ 99,400,000</b>	<b>\$102,200,000</b>	<b>\$ 2,800,000</b>
	<b>Total</b>	<b>\$240,400,000</b>	<b>\$252,200,000</b>	<b>\$11,800,000</b>

MARCH 2021 UPDATE

CHANGE FROM  
FEBRUARY UPDATE =

\$400,000 TOTAL



**Questions?**



April 9, 2021

## **Project Monthly Summary**

### **March 2021 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 Board Meeting Update.
  - Prepared and presented Project Advisory Committee Meeting Update.
  - Prepared for and held Monthly Status Meeting with Alliance Water.
  
- Task 3 – Budgeting
  - Prepared and presented the monthly Budget Update for the Board meeting.
  - Continued updates to Budget Workbook to include monthly tracking of actual costs for ARWA review.
  
- Task 4 – Schedule
  - Prepared and presented the quarterly Schedule Update for the Board meeting.
  - 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 easement acquisition process and alignment changes.
  
- Task 7 – Environmental Management
  - Reviewed of the Segment B Hazmat Phase II report and Technical Documents prepared by the Environmental Consultant.
  - Continued coordination of the Segment D Hazmat Phase II report being 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.
  - Continued coordination with the Program Environmental Consultant regarding additional hazmat studies for Segments C and E.

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

---

- 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 C, D, E, and W 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
  - Continued coordination with TWDB Staff to track all EFRs, environmental reports, and bid documents currently under review.
  
- Task 10 – Design Standards
  - Finalized and distributed the Front End Documents given the feedback received from ARWA and the CMI team.
  - Finalized and distributed the Pipeline Construction Standards given the feedback received from ARWA and the CMI team.
  
- Task 11 – Engineering Design Management
  - Pipelines:
    - Segment A
      - 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 90% design submittal prepared by the Design Consultant.

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

---

- Continued coordination with Design Consultant for final design.
      - 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
      - Continued coordination with Design Consultant for final design.
    - Segment E
      - Continued coordination with Design Consultant for final design.
  - Wellfield:
    - Continued coordination regarding the construction for Wells 6-9.
  - Raw Water Infrastructure:
    - Continued coordination with Design Consultant for final design and advertisement development.
  - Water Treatment Plant:
    - Continued coordination with Design Consultant concerning Hydraulics/Surge development.
    - Continued coordination with Design Consultant for final design and advertisement development.
  - Booster Pump Station:
    - Coordinated with Design Consultant for final design.
  - Inline Elevated Storage Tanks:
    - Finalized coordination with Design Consultant for scoping of final design phase services.
    - Continued coordination with Design Consultant for 60% 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 language for service to the well field.
    - Continued coordination with GVEC regarding electric service to the WTP and wellfield.
  - Task 14 – Permit Coordination/Tracking
    - Continued Permit coordination with Pipeline Consultants.
    - Continued coordination with Caldwell, Guadalupe, and Hays County TxDOT offices concerning roadway crossings.

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

---

- Continued coordination with Hays County concerning the Site Development Permit.
- General Coordination with TxDOT.
- Continued General Coordination with TxDOT.
- Continued General Coordination with GVEC and BBEC.
- On-going Permit Tracking Log Updates.
- Task 16 – Other Services
  - Finalized the Procurement Process, including a comparison of the Competitive Sealed Proposal and Pre-Qualified processes for ARWA’s review and feedback.
  - Continued addressing ARWA’s comments to finalize the additional solar analysis and memo.
  - Commissioning Planning
    - Continued evaluation of the Phase 1B infrastructure commissioning and prepared a commissioning presentation update for ARWA’s review.

**April 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 and present 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
  - Continue updates to Budget Workbook to include monthly tracking of actual costs for ARWA review.
  - Continue 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.

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

---

- Continued updating of web-based GIS for easement acquisition process and alignment changes.
- Task 7 – Environmental Management
  - Finalize review of the Segment B Hazmat Phase II and Technical Documents report prepared by the Environmental Consultant.
  - Review of the Segment D Hazmat Phase II and Technical Documents report 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.
  - 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 C, D, E, and W 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
  - Revise and distribute the Front End Documents based on comments received during WTP/RWI Advertising.



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

---

- Revise and distribute the Pipeline Construction Standards based on comments received during WTP/RWI Advertising.
- Revise and distribute the Cathodic Protection Program Standards based on comments received during WTP/RWI Advertising.
- Task 11 – Engineering Design Management
  - Pipelines:
    - Segment A
      - Continue coordination with Design Consultant for final design.
    - Segment B
      - Continue coordination with Design Consultant regarding for final design.
    - Segment C
      - Finalize review the Segment C 90% design submittal prepared by the Design Consultant.
      - Attended the Segment C 90% Design Workshop.
      - Continue coordination with Design Consultant for final design.
      - Continue coordination with Design Consultant regarding ongoing field work and pipeline alignment considerations as part of right-of-entry process and EFR development.
    - Segment D
      - Continue coordination with Design Consultant for final design.
    - Segment E
      - Review the Segment E 90% design submittal prepared by the Design Consultant.
      - Continue coordination with Design Consultant for final design.
  - Wellfield:
    - Continue coordination regarding the construction of Wells 6-9.
  - Raw Water Infrastructure:
    - Continued coordination with Design Consultant for final design and advertisement development.
  - Water Treatment Plant:
    - Continue coordination with Design Consultant concerning Hydraulics/Surge development.
    - Continued coordination with Design Consultant for final design and advertisement development.
  - Booster Pump Station:
    - Coordination with Design Consultant for final design.
  - Inline Elevated Storage Tanks:
    - Coordination with Design Consultant for 60% design development.
  - Other:



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

---

- Monthly progress meetings with all Design Consultants (pipelines, water treatment plant, raw water infrastructure, wellfield).
  - Review invoices, schedules, and risk logs for consultants
  
- 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, Guadalupe, and Hays County TxDOT offices concerning roadway crossings.
  - General Coordination with GVEC and BBEC.
  - On-going Permit Tracking Log Updates.
  
- Task 15 – Procurement and Construction Phase Services
  - On-going coordination with WTP and RWI Design Consultants during the procurement phase.
  - Prepare for and attending WTP/RWI Pre-Proposal Meeting and Site Visit.
  - Collect and distribute questions received from the WTP/RWI Advertisement.
  - Administratively prepare and review Addenda.
  
- Task 16 – Other Services
  - 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 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.

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**F.3** Discussion and possible direction to Staff regarding Commissioning of the Phase 1B Program ~ *Nathan Cobbler, P.E., Kimley-Horn & Associates*

---

Background/Information

Attached is a presentation providing an update on commissioning for the Phase 1B Program.

Next Step(s)

- Phase 1B Commissioning Update April 14, 2021

**Technical Committee Decision Needed:**

- Possible direction to Staff.



# Phase 1B Program Update

Commissioning Feasibility Study  
April 14, 2021



**ALLIANCE WATER**

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

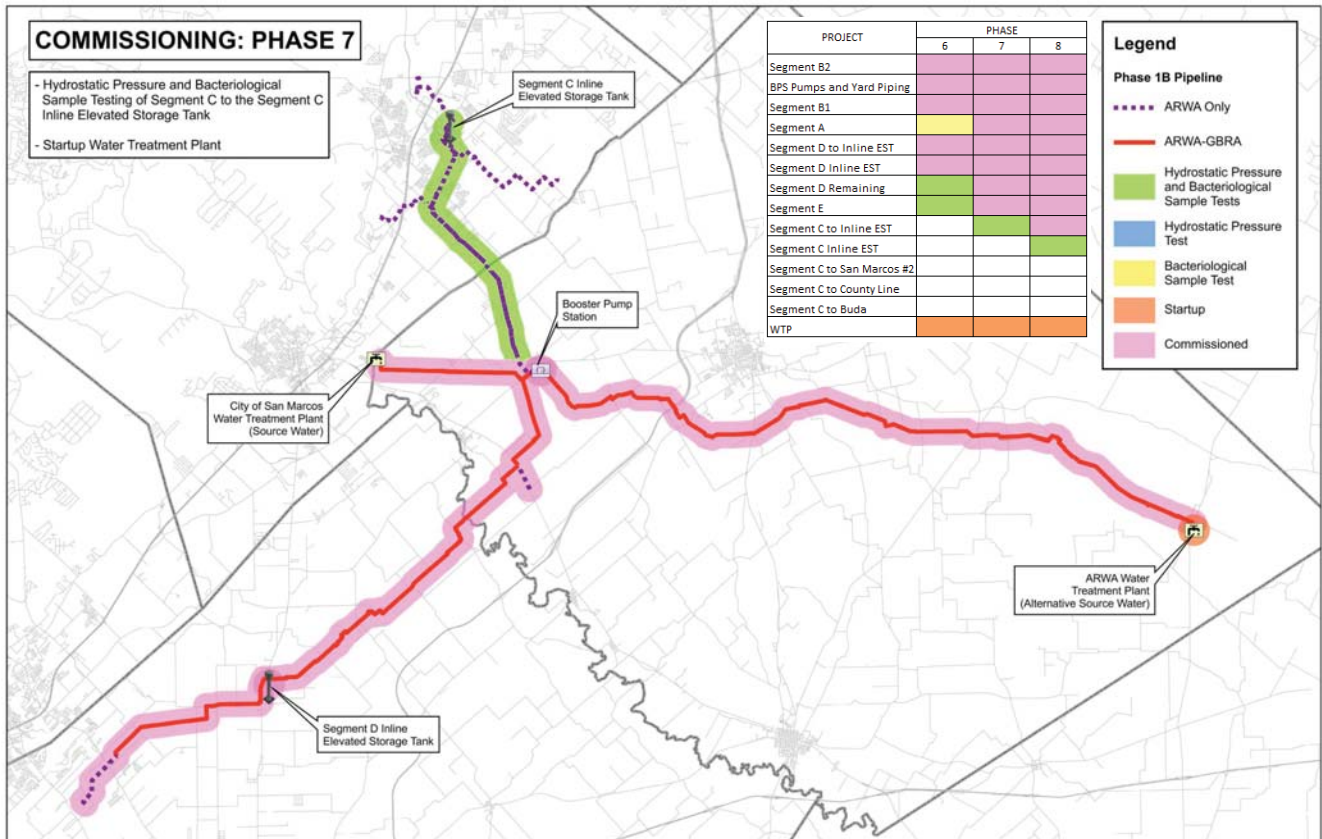
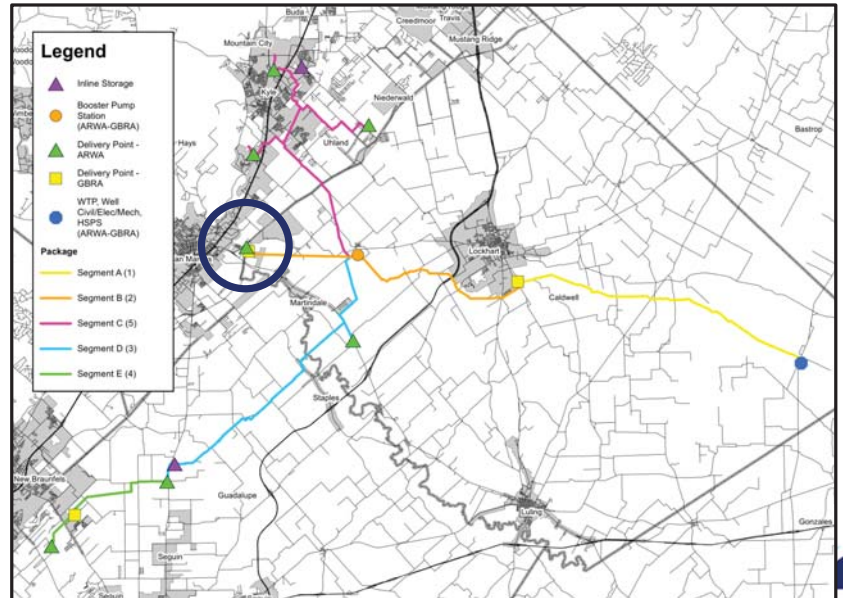
## Agenda

- ▶ Recap
- ▶ Commissioning Phasing
- ▶ Commissioning Schedule
- ▶ Next Steps



# Recap

- ▶ Commissioning
  - Based on cleaning, filling, and disinfection timing
  - Construction Project Schedules and Phasing of System
- ▶ Primary Source
  - City of San Marcos Water Treatment Plant

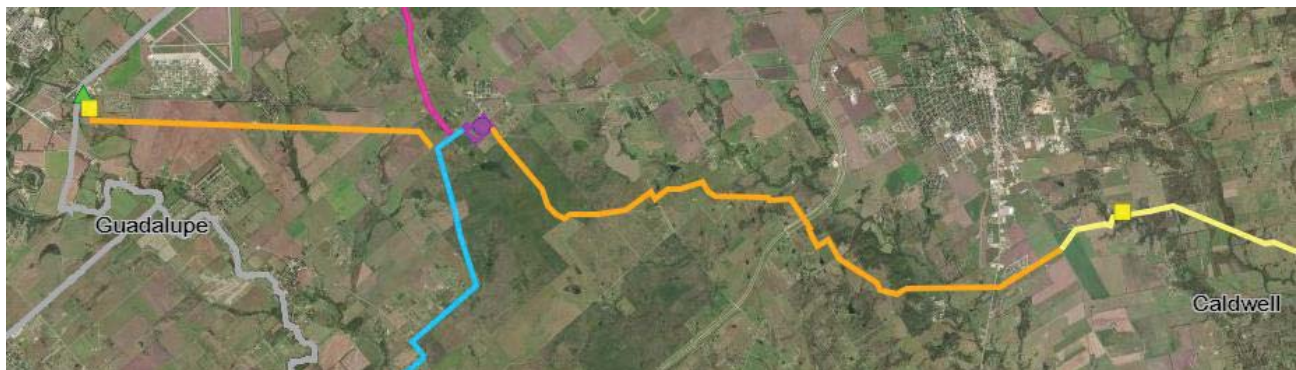




# Commissioning Phasing (East – West Corridor)

## ► Infrastructure Construction Order:

- East –West corridor: Seg B2 → Seg D along SH142 → BPS (GST and header pipe) → Seg B1 → Seg A



# Commissioning Phasing (Central – South Corridor)

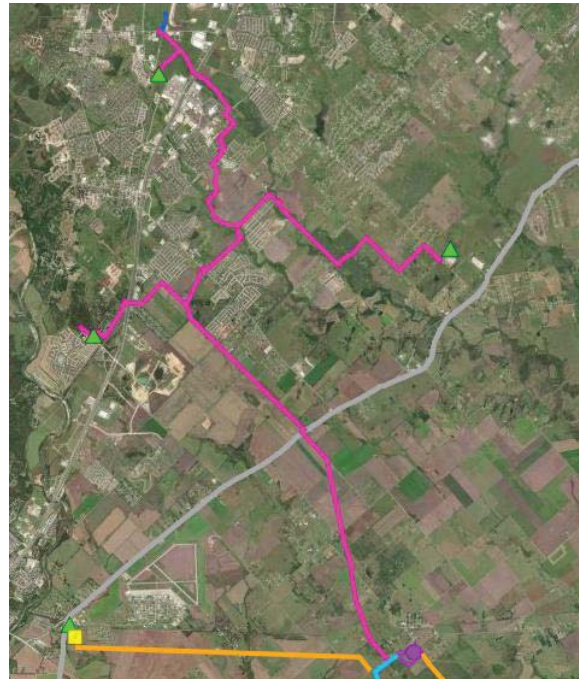
## ► Infrastructure Construction Order:

- Seg B2,
- Seg D along SH142,
- BPS (GST and header pipe),
- Seg D and Seg E to NBU DP,
- Seg E CRWA DP



# Commissioning Phasing (Central – North Corridor)

- ▶ Infrastructure Construction Order:
  - BPS (GST and header pipe),
  - Seg D along SH142,
  - Seg C main stem,
  - Seg C branches to each Delivery Point



## Commissioning Schedule - Analysis

- ▶ Current estimated construction schedules reviewed
- ▶ Identify concerns with commissioning timing

Calendar	2021												2022												2023														
Project	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12					
Well Drilling																																							
Segment A							Mobilization	Construction, Tst, Rest											Final																				
WTP/RWI							Mobilization	Construction, Tst, Rest											Final																				
Segment B								Mobilization	B2 Const, Tst					B1 Construction, Tst, Rest					Final																				
BPS								Mob	Construction											Commis	FnI																		
Segment D								Mobilization	Construction, Tst, Rest											Final																			
Segment E1												Mobilization	Segment E1 Construction, Tst, Rest							Final																			
Segment E2												Mobilization	Segment E2 Construction, Tst, Rest							Final																			
Elevated IST												Mobilization	Construction, Tst, Rest							Final																			
Segment C												Mobilization	Construction, Tst, Rest											Final															



# Commissioning Schedule - Concerns

- ▶ Segment D identified as critical

Commissioning Start Dates

Calendar	2021												2022												2023															
Project	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12						
Well Drilling																																								
Segment A							Mobilization	Construction, Tst, Rest											Final																					
WTP/RWI							Mobilization	Construction, Tst, Rest																															Final	
Segment B								Mobilization	B2 Const, Tst					B1 Construction, Tst, Rest					Final																					
BPS							Mob	Construction											Commis	Fr																				
Segment D								Mobilization	Construction, Tst, Rest											Final																				
Segment E1												Mobilization	Segment E1 Construction, Tst, Rest							Final																				
Segment E2												Mobilization	Segment E2 Construction, Tst, Rest							Final																				
Elevated IST												Mobilization	Construction, Tst, Rest							Final																				
Segment C													Mobilization	Construction, Tst, Rest											Final															



## Commissioning Schedule – Potential Segment D Adjustments

- ▶ Segment B2 – September 2022 → March 2023
- ▶ Booster Pump Station – December/January → March/April 2023
- ▶ Segment A – February 2023 → May 2023
- ▶ Segment E1 – February 2023 → June 2023

### ▶ Commissioning Order





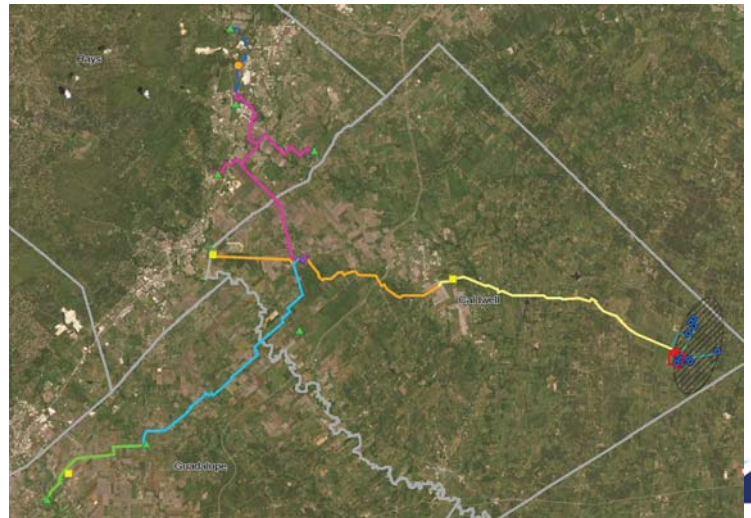
# Commissioning Schedule - Adjustment

Phase Summary			2023							
			January	February	March	April	May	June	July	August
PHASE 1	Hydro. & BacT Seg. B2	Sept 2022			■					
PHASE 2	BPS Yard Piping and GST	Dec 2022			■	■				
PHASE 3	Hydro. Test Seg. B1 and Seg. A	Seg A. Feb 2023					■			
PHASE 4	Hydro. & BacT Seg. D to EST						■			
PHASE 5	Hydro. & BacT Seg. D EST							■		
PHASE 6	Hydro. & BacT Seg D (remain), Seg. E and BacT Seg. B1 and Seg A	Seg E – Feb 2023							■	
PHASE 7	Hydro. & BacT Seg. C to EST									■
PHASE 8	Hydro. & BacT Seg. C EST									■
/PHASE 9	Hydro. & BacT Seg. C to DPs									■



# Commissioning Schedule – Considerations

- ▶ Bidding Schedule
  - Evaluate Advertisement Dates
- ▶ Construction Duration
  - Evaluate Production Schedule
- ▶ Segment A Testing
  - Alternate Water Source Evaluation





## Next Steps

- ▶ Commissioning Schedule alignment with Program Construction Schedule and Program Goals
- ▶ Track Construction Progress and revise Commissioning Timing as necessary
- ▶ Source Water Volume requirements and Flow Rate calculations based on Construction Schedule adjustments



Questions?

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**F.4** Discussion of legislative issues for the 87th Texas Legislature, and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*

---

Background/Information

The 87<sup>th</sup> Session is moving along quickly. Below are some key dates of interest:

- 5/10: Final Day for House Committee to Report House Bills
- 5/13: Final Day for House to Consider House Bills (non-Local and Consent)
- 5/22: Final Day for House to Report Senate Bills
- 5/31: Sine Die (Last Day of Session)

On the following pages the updated bill list. Since the bill filing deadline has passed, there will not be any new additions to this list.

Attachment(s)

- ARWA Bill Tracking as of 4/8/2021

**Technical Committee Decision Needed:**

- Possible direction to Staff.

**ARWA Bill Tracking – 2021 / 87th Texas Legislature**

<b>ARWA – Bills to Support/Oppose (as of 4/08/2021)</b>				
<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
<b>HB 2863</b>	Kuempel	<ul style="list-style-type: none"> <li>• Would allow ARWA, CRWA, San Marcos, Kyle and Buda to due ASR in saline zone of EAA</li> <li>• 4/13: Scheduled for Hearing</li> </ul>	Natural Resources	Support
<b>HB 666</b> <b>HB 668</b> <b>SB 152</b>	Harris Harris Perry	<ul style="list-style-type: none"> <li>• Relating to regulation of groundwater conservation districts</li> <li>• Award of attorney fees is optional</li> <li>• Groundwater rights owner can petition for rule-making</li> <li>• Notice of permit to adjacent landowners</li> <li>• 4/7: Passed Senate</li> </ul>	Natural Resource Natural Resources Ag, Water & Rural Affairs	Support
<b>HB 837</b> <b>SB 830</b>	Lucio III Zaffirini	<ul style="list-style-type: none"> <li>• Requires the PUC to verify the compensation awarded to a utility by the petitioner</li> <li>• 4/1: Sent to House Local &amp; Consent</li> </ul>	Natural Resources Water, Ag & Rural Affairs	Support
<b>HB 966</b>	Burns	<ul style="list-style-type: none"> <li>• Ch. 36 Water Code amended to change award of attorney’s fees from “shall” to “may”.</li> </ul>	Natural Resources	Support
<b>HB 1030</b>	Shaheen	<ul style="list-style-type: none"> <li>• Allow publication on entity’s website to satisfy any other legal requirement to publish notice in a newspaper</li> </ul>	County Affairs	Support
<b>HB 1089</b>	Reynolds	<ul style="list-style-type: none"> <li>• Increases the tort liability limit for a governmental unit for wrongful acts committed by their employees</li> </ul>	Judiciary & Civil Jurisprudence	Oppose
<b>HB 1473</b> <b>SB 526</b>	Gates Kolkhorst	<ul style="list-style-type: none"> <li>• Require special purpose districts to include a live video stream of each board meeting on the district’s website.</li> <li>• 4/6: Bill heard in Local Gov’t</li> </ul>	Natural Resources Local Government	Oppose
<b>HB 1888</b> <b>SB 1515</b>	Fierro Gutierrez	<ul style="list-style-type: none"> <li>• Allows governmental entities to conduct open or closed mtgs via conference call</li> </ul>	State Affairs Business & Commerce	Support
<b>HB 2000</b>	Huberty	<ul style="list-style-type: none"> <li>• Creates a fund for increasing reliability of water, electricity, natural gas and broadband</li> </ul>	State Affairs	Support

**ARWA Bill Tracking – 2021 / 87th Texas Legislature**

		<ul style="list-style-type: none"> <li>utilities administered by the TWDB</li> <li>3/23: Pending in State Affairs</li> </ul>		
<b>HB 2275</b>	Zwiener	<ul style="list-style-type: none"> <li>Create a water resiliency fund for entity's to weatherize water and wastewater facilities. Requires some financial contribution from entities.</li> </ul>	State Affairs	Support
<b>HB 4146</b> <b>SB 1747</b>	King Zaffirini	<ul style="list-style-type: none"> <li>Restricts TCEQ from issuing discharge permits into certain stream segments; excludes cities and river authorities</li> <li>4/12: Scheduled for Hearing in Enviro Regulation</li> </ul>	Environment Regulation Water, Ag & Rural Affairs	Support with modification
<b>HB 4161</b> <b>SB 905</b>	Frank Perry	<ul style="list-style-type: none"> <li>Requires TCEQ to develop regulatory guidance on direct potable reuse projects</li> <li>4/9: Passed Senate</li> </ul>	Natural Resources Water, Ag & Rural Affairs	Support
<b>SB 307</b>	Eckhardt	<ul style="list-style-type: none"> <li>Prohibits entities other than Local Government Corporation from provide wholesale water across two county lines if they commence operations after September 2021.</li> </ul>	Water, Ag & Rural Affairs	Oppose
<b>SB 724</b>	Schwertner	<ul style="list-style-type: none"> <li>Condemnor is required to pay attorney's fees and other professional fees if special commissioner's award is greater than 20% of condemnor's final offer</li> </ul>	State Affairs	Oppose

**ARWA – Bills Related to Open Meetings / Government (as of 4/08/2021)**

<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
<b>HB 768</b>	Patterson	<ul style="list-style-type: none"> <li>Extends a requirement to make video and audio of a regular public meeting available on the internet. Requirements match those of school board meetings.</li> <li>3/25: Left Pending in Cmte</li> </ul>	County Affairs	Monitor
<b>HB 2560</b> <b>SB 639</b>	Martinez Menendez	<ul style="list-style-type: none"> <li>Allows for open meetings to occur via conference call. Has some provisions requiring presiding officer</li> </ul>	State Affairs Business & Commerce	Monitor

**ARWA Bill Tracking – 2021 / 87th Texas Legislature**

		to be at a location open to the public.		
<b>HB 2578</b>	Leach	<ul style="list-style-type: none"> <li>Requires Comptroller to prepare a website for political subdivision to post all required notices on in lieu of posting in newspapers</li> <li>4/8: Left pending in cmte</li> </ul>	State Affairs	Monitor
<b>HB 2683</b> <b>SB 924</b>	Canales Zaffirini	<ul style="list-style-type: none"> <li>Allow for open meetings via conference call or virtual meeting. Requires notice of public locations where any Board members are attending.</li> <li>4/8: Substitute approved in House cmte</li> </ul>	State Affairs Business & Commerce	Monitor
<b>HB 2913</b> <b>SB 929</b>	Capriglione Zaffirini	<ul style="list-style-type: none"> <li>Require posting on websites of all contracts entered into for goods or services from private vendors, including selection method</li> </ul>	State Affairs Business & Commerce	Monitor
<b>HB 2928</b> <b>HB 3410</b>	Jetton Goldman (similar)	<ul style="list-style-type: none"> <li>Authorizes posting of notice on entity's website in lieu of posting in newspapers</li> </ul>	State Affairs State Affairs	Monitor
<b>SB 526</b>	Kolkhorst	<ul style="list-style-type: none"> <li>Require live video stream of meetings on website.</li> <li>4/6: Left pending in Cmte</li> </ul>	Local Government	Monitor
<b>SB 861</b>	Paxton	<ul style="list-style-type: none"> <li>Expand opportunities for governmental bodies to hold remote meetings and prescribes procedures</li> <li>4/8: Committee substitute approved</li> </ul>	Business & Commerce	Monitor
<b>SB 923</b>	Zaffirini	<ul style="list-style-type: none"> <li>Omnibus open meetings &amp; open government bill. Individual sections are divided into separate bills (SB 925 through SB 929)</li> </ul>	Business & Commerce	Monitor

**ARWA – Bills to Monitor (as of 4/8/2021)**

<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
<b>HB 263</b>	Meza	<ul style="list-style-type: none"> <li>Relating to rest breaks for employees of certain contractors with a governmental entity</li> </ul>	State Affairs	Monitor
<b>HB 348</b>	Zwiener	<ul style="list-style-type: none"> <li>Relating to a requirement to make certain environmental and water</li> </ul>	Natural Resources	Monitor

**ARWA Bill Tracking – 2021 / 87th Texas Legislature**

		use permit applications available online		
<b>HB 692</b> <b>SB 1097</b>	Shine <b>Creighton</b>	<ul style="list-style-type: none"> <li>Relates to retainage requirements for certain public works construction projects</li> <li><b>4/6: Substitute approved in House Cmte</b></li> <li><b>4/13: Scheduled Hearing in Senate Cmte</b></li> </ul>	State Affairs <b>Business Affairs</b>	Monitor
<b>HB 749</b> <b>SB 234</b>	Middleton Hall	<ul style="list-style-type: none"> <li>Prohibits political subdivision from spending public funds on lobbyists</li> <li><b>3/26: Pending in House Cmte</b></li> </ul>	State Affairs State Affairs	Monitor
<b>HB 776</b>	Walle	<ul style="list-style-type: none"> <li>Clarifies contract requirements for workers' compensation on construction projects</li> <li><b>3/30: Pending in House Cmte</b></li> </ul>	Business & Industry	Monitor
<b>HB 863</b>	Romero	<ul style="list-style-type: none"> <li>Requires an audit of public work contract to verify compliance with prevailing wage rate requirements</li> </ul>	State Affairs	Monitor
<b>HB 901</b>	Burns	<ul style="list-style-type: none"> <li>Applies to private entities only: Establishes criteria that company must meet to make a bona fide offer and includes some requirements for the conveyance documents</li> <li><b>3/30: Scheduled for Hearing</b></li> </ul>	Land & Resource Mgmt	Monitor
<b>HB 902</b>	Burns	<ul style="list-style-type: none"> <li>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.</li> <li><b>3/30: Pending in House Cmte</b></li> </ul>	Land & Resource Mgmt	Monitor
<b>HB 1130</b>	White	<ul style="list-style-type: none"> <li>Ch. 251 of Utilities Code is amended to include civil remedies for failure of underground utilities to comply with the Chapter.</li> </ul>	Judiciary & Civil Jurisprudence	Monitor
<b>HB 1336</b>	Pacheco	<ul style="list-style-type: none"> <li>Requires contractors to comply with E-verify program in order to be eligible for a contract for goods and services.</li> </ul>	<b>State Affairs</b>	Monitor
<b>HB 1435</b>	Lucio III	<ul style="list-style-type: none"> <li>Changes CCN certification by PUC to authorize a municipal single certification only if the PUC finds the retail public utility is incapable of</li> </ul>	<b>Natural Resources</b>	Monitor

**ARWA Bill Tracking – 2021 / 87th Texas Legislature**

		<p>providing service and to establish compensation.</p> <ul style="list-style-type: none"> <li>• 3/23: Pending in House Cmte</li> </ul>		
<b>HB 1506</b>	Zwiener	<ul style="list-style-type: none"> <li>• Condemnor would gain possession of condemned land if award is deposited within 7 days, otherwise possession would not be gained until 180 days.</li> </ul>	Land & Resource Mgmt	Monitor
<b>HB 1801</b> <b>SB 1441</b>	Larson Campbell	<ul style="list-style-type: none"> <li>• Allows SAWS to provide Edwards water to military installations without a permit, provided installation reduces their withdrawals by equal amount</li> <li>• 4/1: Sent to Senate L&amp;C w/o amendment</li> </ul>	Natural Resources Vet Affairs & Border Security	Monitor
<b>HB 1879</b>	Schofield	<ul style="list-style-type: none"> <li>• Establish actual progress for the purpose of right to repurchase real property from a condemning entity</li> <li>• Increase req't from 2 to 3 of a list of 5 items (previously 7)</li> <li>• 4/6: Pending in House Cmte</li> </ul>	Land & Resource Mgmt	Monitor
<b>HB 2041</b> <b>SB 721</b>	Leman Schwertner	<ul style="list-style-type: none"> <li>• Requires condemnor to provide updated appraisal prior to special commissioner's hearing</li> <li>• 3/30: Pending in House Cmte</li> <li>• 4/12: Scheduled for Senate hearing</li> </ul>	Land & Resource Mgmt State Affairs	Monitor
<b>HB 2042</b> <b>SB 723</b>	Leman Schwertner	<ul style="list-style-type: none"> <li>• Would specially allow landowners to refuse to grant condemnor access to property. Recourse would be through a lawsuit.</li> <li>• 4/12: Scheduled for Senate hearing</li> </ul>	Land & Resource Mgmt State Affairs	Monitor
<b>HB 2044</b> <b>SB 726</b>	Leman Schwertner	<ul style="list-style-type: none"> <li>• Similar to HB 1879</li> <li>• Keeps the list at 7 items, but does increase number required from 2 to 3</li> <li>• 3/30: Pending in House Cmte</li> <li>• 4/12: Scheduled for Senate hearing</li> </ul>	Land & Resource Mgmt State Affairs	Monitor
<b>HB 2581</b>	Kacal	<ul style="list-style-type: none"> <li>• Establishes a process for a governmental entity to prequalify potential offerors on civil works projects.</li> </ul>	State Affairs	Monitor
<b>HB 2652</b> <b>SB 1039</b>	Larson Eckhardt	<ul style="list-style-type: none"> <li>• Establishes an advisory board to study surface water and groundwater interaction</li> </ul>	Natural Resources	Monitor

**ARWA Bill Tracking – 2021 / 87th Texas Legislature**

		<ul style="list-style-type: none"> <li>4/8: Substitute approved in House Cmte</li> </ul>	Ag, Water & Rural Affairs	
<b>HB 2730</b>	Deshotel	<ul style="list-style-type: none"> <li>Significant changes to eminent domain, including prescribing language to be included in some easements</li> <li>3/30: Pending in House Cmte</li> </ul>	Land & Resource Mgmt	Monitor
<b>HB 2762</b> <b>HB 3059</b>	Rogers Guerra (similar)	<ul style="list-style-type: none"> <li>Would exclude wholesale water supply facilities from participating in load shedding during a rolling blackout</li> </ul>	State Affairs State Affairs	Monitor
<b>HB 2851</b>	Lucio III	<ul style="list-style-type: none"> <li>Require GCDs, in the adoption of desired future conditions, to consider modeled sustainable groundwater pumping as determined by the TWDB</li> </ul>	Natural Resources	Monitor
<b>HB 3079</b> <b>SB 997</b>	Larson Nichols	<ul style="list-style-type: none"> <li>Prescribes procedural requirements for review of rates charged by written contracts.</li> <li>TWCA Initiated Bill</li> <li>4/8: Substitute approved in House Cmte</li> </ul>	Natural Resources Water, Ag & Rural Affairs	Monitor
<b>HB 3084</b>	Larson	<ul style="list-style-type: none"> <li>Requires the Interregional Planning Council to identify and propose projects for the state water plan that involve multiple planning groups &amp; identify innovative funding</li> <li>4/12: Scheduled for hearing</li> </ul>	Natural Resources	Monitor
<b>HB 3345</b>	Wu	<ul style="list-style-type: none"> <li>Require posting of audit records on the entity's website</li> </ul>	State Affairs	Monitor
<b>HB 3619</b> <b>SB 946</b>	Bowers Eckhardt	<ul style="list-style-type: none"> <li>Requires a GCD to consider effects on exempt wells when considering issuing a new permit; does not apply to renewal of an existing permit.</li> <li>4/8: Approved in House Cmte w/o amendment</li> </ul>	Natural Resources Water, Ag & Rural Affairs	Monitor
<b>HB 3650</b>	Lucio III	<ul style="list-style-type: none"> <li>Transfers functions related to economic regulation of water and sewer service from PUC to TCEQ</li> <li>4/13: Scheduled for hearing</li> </ul>	Natural Resources	Monitor
<b>HB 3801</b> <b>SB 2157</b>	Metcalf Creighton	<ul style="list-style-type: none"> <li>Addresses requirements for management plan when</li> </ul>	Natural Resources	Monitor



**ARWA Bill Tracking – 2021 / 87th Texas Legislature**

		<p>reasonableness of DFCs has been challenged.</p> <ul style="list-style-type: none"> <li>4/1: Committee substitute approved in House Cmte</li> </ul>		
<b>HB 3972</b> <b>SB 1314</b>	King Lucio	<ul style="list-style-type: none"> <li>Prior to filing a suite against a GCD a person must obtain a surety bond</li> <li>4/13: Scheduled for hearing in House Cmte</li> </ul>	Natural Resources Water, Ag & Rural Affairs	Monitor
<b>HB 4147</b>	Larson	<ul style="list-style-type: none"> <li>Establishes a comprehensive process for PUC to review rates charged for raw and/or wholesale water and sewer services</li> </ul>	Natural Resources	Monitor
<b>SB 423</b>	Hinojosa	<ul style="list-style-type: none"> <li>Amends Ch 21 of Property Code to allow special commissioners' hearing notices in an eminent domain proceeding in manners as allowed by Texas Rules of Civil Procedure for citation.</li> </ul>	State Affairs	Monitor
<b>SB 722</b>	Schwertner	<ul style="list-style-type: none"> <li>Condemnor must pay reasonable attorney fees for failing to disclose appraisal reports</li> </ul>	State Affairs	Monitor
<b>SB 724</b>	Schwertner	<ul style="list-style-type: none"> <li>Condemnor is required to pay attorney's fees and other professional fees if special commissioner's award is greater than 20% of condemnor's final offer</li> </ul>	State Affairs	Oppose
<b>SB 986</b>	Kolkhorst	<ul style="list-style-type: none"> <li>Significant eminent domain bill – primarily affects private entities. Similar to legislation filed in 86<sup>th</sup> session.</li> </ul>	State Affairs	Monitor
<b>SB 995</b>	Powell	<ul style="list-style-type: none"> <li>Establishes a disaster reinvestment and infrastructure planning board and creation of a revolving fund</li> </ul>	Finance	Monitor
<b>SB 1682</b>	Hancock	<ul style="list-style-type: none"> <li>Relating to the funding of utility reliability projects by the TWDB and other entities</li> </ul>	Ag, Water & Rural Affairs	Monitor

**END**

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

- 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.  
~ *Graham Moore, P.E., Executive Director*
- 

Gonzales County Underground Water Conservation District (GCUWCD)

The GCUWCD is scheduled to meet on April 13th – 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 April 20th.

Groundwater Management Area 13

GMA-13 is scheduled to meet on Friday, April 23rd. The GMA is expected to adopt the desired future conditions for all aquifers, assuming the individual groundwater districts approve them prior to the GMA meeting.

Region L Planning Group

The next Region L meeting is scheduled for May 6th.

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, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

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

Consultant Invoices Paid

- Below are reports on the consultant invoices paid in February and March.

**FY 20-21 CONSULTANT INVOICES PAID IN FEBRUARY 2021**

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/Anomalies
LAN - Kyle/Buda Design	\$76,971.62	\$2,776.92	\$13,924.12	18%	\$63,047.50	
RW Harden	\$30,000.00	\$0.00	\$322.31	1%	\$29,677.69	
Tx Solutions Group	\$72,000.00	\$6,000.00	\$30,000.00	42%	\$42,000.00	
BGE - Ph 1A CA	\$7,110.08	\$0.00	\$0.00	0%	\$7,110.08	
Kent Alan Sick - ROW Legal	\$45,000.00	\$0.00	\$3,929.34	9%	\$41,070.66	
LNV - GIS Svcs	\$16,693.63	\$2,909.00	\$8,526.50	51%	\$8,167.13	
Armstrong, Vaughan & Associates, P.C.	\$10,930.00	\$0.00	\$0.00	0%	\$10,930.00	
J.R. Tolles & Associates, Inc.	\$245,000.00	\$20,141.00	\$76,780.00	31%	\$168,220.00	
Lloyd Gosselink Rochelle & Townsend	\$105,000.00	\$3,514.00	\$22,420.50	21%	\$82,579.50	
CD&P - Public Relations	\$35,404.50	\$0.00	\$10,368.25	29%	\$25,036.25	
MLA Labs, Inc. - Segment B	\$6,773.00	\$0.00	\$398.00	6%	\$6,375.00	
HDR - 2021 Rate Study	\$16,125.00	\$10,481.25	\$12,900.00	80%	\$3,225.00	
<b>Total</b>	<b>\$667,007.83</b>	<b>\$45,822.17</b>	<b>\$179,569.02</b>		<b>\$487,438.81</b>	

**FY 20-21 CONSULTANT INVOICES PAID IN MARCH 2021**

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/Anomalies
LAN - Kyle/Buda Design	\$76,971.62	\$0.00	\$11,147.20	14%	\$65,824.42	
RW Harden	\$30,000.00	\$1,020.00	\$1,342.31	4%	\$28,657.69	
Tx Solutions Group	\$72,000.00	\$6,000.00	\$36,000.00	50%	\$36,000.00	
BGE - Ph 1A CA	\$7,110.08	\$1,400.30	\$1,400.30	20%	\$5,709.78	
Kent Alan Sick - ROW Legal	\$45,000.00	\$3,987.06	\$7,916.40	18%	\$37,083.60	
LNV - GIS Svcs	\$16,693.63	\$1,663.75	\$10,190.25	61%	\$6,503.38	
Armstrong, Vaughan & Associates, P.C.	\$10,930.00	\$10,930.00	\$10,930.00	100%	\$0.00	
J.R. Tolles & Associates, Inc.	\$245,000.00	\$18,358.00	\$95,138.00	39%	\$149,862.00	
Lloyd Gosselink Rochelle & Townsend	\$105,000.00	\$4,479.00	\$26,899.50	26%	\$78,100.50	
CD&P - Public Relations	\$35,404.50	\$7,660.18	\$18,028.43	51%	\$17,376.07	
MLA Labs, Inc. - Segment B	\$6,773.00	\$0.00	\$398.00	6%	\$6,375.00	
HDR - 2021 Rate Study	\$16,125.00	\$3,225.00	\$16,125.00	100%	\$0.00	
<b>Total</b>	<b>\$667,007.83</b>	<b>\$58,723.29</b>	<b>\$235,515.39</b>		<b>\$431,492.44</b>	

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

- On the following page is the report on the Phase 1B invoices paid in February and March.

**PHASE 1B FY 20-21 CONSULTANT INVOICES PAID IN FEBRUARY 2021**

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/ Anomalies
Kimley-Horn Ph 1B Owner's Rep WO4	\$1,319,033.52	\$193,924.54	\$739,559.84	56%	\$579,473.68	
Blanton - Environmental	\$875,510.28	\$91,419.10	\$283,621.43	32%	\$591,888.85	
LAN - Segment A	\$116,364.20	\$0.00	\$0.00	0%	\$116,364.20	
LAN - Segment A Final	\$407,554.89	\$88,096.33	\$196,589.01	48%	\$210,965.88	
KFA - Segment B	\$13,275.94	\$0.00	\$0.00	0%	\$13,275.94	
KFA - Segment B Final	\$646,633.97	\$104,596.50	\$222,942.99	34%	\$423,690.98	
BGE - Segment C Prelim	\$15,099.24	\$0.00	\$0.00	0%	\$15,099.24	
BGE - Segment C Final	\$2,242,596.09	\$364,969.58	\$765,185.11	34%	\$1,477,410.98	
FNI - Segment D Prelim	\$63,533.66	\$0.00	\$0.00	0%	\$63,533.66	
FNI - Segment D Final	\$913,832.64	\$200,132.34	\$393,031.12	43%	\$520,801.52	
Walker - Segment E Prelim	\$58,638.01	\$0.00	\$0.00	0%	\$58,638.01	
Walker - Segment E Final	\$1,040,800.61	\$143,291.48	\$260,764.53	25%	\$780,036.08	
LAN - ROW Acquisition DTR&G	\$1,601,100.28	\$57,534.79	\$191,693.59	12%	\$1,409,406.69	
CBRE - Appraisals	\$1,784,150.00	\$0.00	\$59,180.00	3%	\$1,724,970.00	
CP&Y - Survey	\$984,980.00	\$281,815.50	\$281,815.50	29%	\$703,164.50	
RW Harden - WDH Const Admin	\$358,153.60	\$68,210.00	\$108,034.00	30%	\$250,119.60	
LNV - RWI	\$225,513.86	\$30,540.00	\$92,745.00	41%	\$132,768.86	
Walker Partners - WTP Final Design	\$659,499.16	\$2,386.25	\$439,176.31	67%	\$220,322.85	
FNI - BPS Prelim	\$4,772.50	\$92,509.53	\$4,772.50	100%	\$0.00	
FNI - BPS Final	\$712,061.63	\$9,523.50	\$331,270.59	47%	\$380,791.04	
Plummer - Inline Elevated Tank	\$42,799.42	\$9,523.50	\$12,059.35	28%	\$30,740.07	
Pape-Dawson - CM&I WO#1	\$16,880.44	\$0.00	\$2,017.53	12%	\$14,862.91	
Pape-Dawson - CM&I WO#2	\$147,500.00	\$19,390.00	\$104,210.00	71%	\$43,290.00	
Pape-Dawson - CM&I WO#3	\$74,460.00	\$10,017.50	\$66,690.00	90%	\$7,770.00	
Hicks & Co - WDH Environmental	\$15,874.00	\$0.00	\$303.00	2%	\$15,571.00	
<b>Total</b>	<b>\$14,864,610.60</b>	<b>\$2,140,474.45</b>	<b>\$5,031,939.27</b>		<b>\$9,832,671.33</b>	

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**PHASE 1B FY 20-21 CONSULTANT INVOICES PAID IN MARCH 2021**

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/ Anomalies
Kimley-Horn Ph 1B Owner's Rep WO4	\$1,319,033.52	\$234,764.09	\$974,323.93	74%	\$344,709.59	
Blanton - Environmental	\$875,510.28	\$63,678.75	\$347,300.18	40%	\$528,210.10	
LAN - Segment A	\$116,364.20	\$0.00	\$0.00	0%	\$116,364.20	
LAN - Segment A Final	\$407,554.89	\$48,343.41	\$244,932.42	60%	\$162,622.47	
KFA - Segment B	\$13,275.94	\$0.00	\$0.00	0%	\$13,275.94	
KFA - Segment B Final	\$701,928.97	\$147,067.60	\$370,010.59	53%	\$331,918.38	
BGE - Segment C Prelim	\$15,099.24	\$0.00	\$0.00	0%	\$15,099.24	
BGE - Segment C Final	\$2,497,617.09	\$217,128.53	\$982,313.64	39%	\$1,515,303.45	
FNI - Segment D Prelim	\$63,533.66	\$0.00	\$0.00	0%	\$63,533.66	
FNI - Segment D Final	\$913,832.64	\$63,536.98	\$456,568.10	50%	\$457,264.54	
Walker - Segment E Prelim	\$58,638.01	\$0.00	\$0.00	0%	\$58,638.01	
Walker - Segment E Final	\$1,040,800.61	\$121,369.10	\$382,133.63	37%	\$658,666.98	
LAN - ROW Acquisition	\$1,601,100.28	\$111,410.26	\$303,103.85	19%	\$1,297,996.43	
DTR&G	\$522,719.30	\$60,127.88	\$282,741.99	54%	\$239,977.31	
CBRE - Appraisals	\$1,784,150.00	\$222,680.00	\$281,860.00	16%	\$1,502,290.00	
CP&Y - Survey	\$984,980.00	\$136,792.50	\$418,608.00	42%	\$566,372.00	
RW Harden - WDH Const Admin	\$358,153.60	\$55,670.00	\$163,704.00	46%	\$194,449.60	
LNV - RWI	\$225,513.86	\$15,108.86	\$107,853.86	48%	\$117,660.00	
Walker Partners - WTP Final Design	\$1,008,429.16	\$0.00	\$464,366.28	46%	\$544,062.88	
FNI - BPS Prelim	\$4,772.50	\$139,872.08	\$4,772.50	100%	\$0.00	
FNI - BPS Final	\$723,816.63	\$21,320.00	\$471,142.67	65%	\$252,673.96	
Plummer - Inline Elevated Tank	\$42,799.42	\$21,320.00	\$33,379.35	78%	\$9,420.07	
Pape-Dawson - CM&I WO#1	\$16,880.44	\$0.00	\$2,017.53	12%	\$14,862.91	
Pape-Dawson - CM&I WO#2	\$147,500.00	\$18,340.00	\$122,550.00	83%	\$24,950.00	
Pape-Dawson - CM&I WO#3	\$74,460.00	\$4,670.00	\$71,360.00	96%	\$3,100.00	
Pape-Dawson - CM&I WO#4	\$57,520.00	\$17,432.50	\$17,432.50	30%	\$40,087.50	
Hicks & Co - WDH Environmental	\$15,874.00	\$0.00	\$303.00	2%	\$15,571.00	
<b>Total</b>	<b>\$15,593,131.60</b>	<b>\$1,745,822.51</b>	<b>\$6,756,441.78</b>		<b>\$8,836,689.82</b>	

Approved Change Orders

- See below for Change Orders approved in February and March 2021.

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

<b>CHANGE ORDERS APPROVED IN FEBRUARY 2021</b>				
<b>Consultant</b>	<b>Original Authorization</b>	<b>Change Orders to Date</b>	<b>Change Order Approved this Month</b>	<b>New Total Contract Amount</b>
Walker Partners: 1B Segment E	\$ 408,755.00	\$ 164,719.00	\$ -	\$ 573,474.00
Black Castle - Phase 1A BPS Construction	\$ 4,999,080.00	\$ 126,180.74	\$ -	\$ 5,125,260.74
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	\$ 94,394.70	\$ 50,177.95	\$ 2,093,858.70
LAN: 1B Segment A Final Design	\$ 1,903,077.00	\$ 186,591.00	\$ -	\$ 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	\$ 210,790.13	\$ 33,130.00	\$ 2,041,784.13
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

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

<b>CHANGE ORDERS APPROVED IN MARCH 2021</b>				
<b>Consultant</b>	<b>Original Authorization</b>	<b>Change Orders to Date</b>	<b>Change Order Approved this Month</b>	<b>New Total Contract Amount</b>
Walker Partners: 1B Segment E	\$ 408,755.00	\$ 164,719.00	\$ -	\$ 573,474.00
Black Castle - Phase 1A BPS Construction	\$ 4,999,080.00	\$ 126,180.74	\$ -	\$ 5,125,260.74
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	\$ 94,394.70	\$ -	\$ 2,093,858.70
LAN: 1B Segment A Final Design	\$ 1,903,077.00	\$ 186,591.00	\$ -	\$ 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	\$ 232,955.13	\$ 22,165.00	\$ 2,063,949.13
LAN: 1A Seg B Const Admin	\$ 108,860.01	\$ 6,204.04	\$ -	\$ 115,064.05
Walker Partners: 1B WTP (Final)	\$ 2,900,402.00	\$ 542,901.00	\$ 348,930.00	\$ 3,443,303.00
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	\$ 255,021.00	\$ 17,930.00	\$ 2,943,331.00
Freese & Nichols: 1B BPS & DP Prelim	\$ 1,580,519.00	\$ 11,755.00	\$ 11,755.00	\$ 1,592,274.00

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

**COMMITTEE MEMBER PACKETS**

Wednesday, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

- 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, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

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, April 14th, 2021 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**I.2** Action from Executive Session on the following matters:

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

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

**COMMITTEE MEMBER PACKETS**  
Wednesday, April 14th, 2021 at 3:00 P.M.  
Conference Call Number: 1-903-405-2572; Code: 287 050 761#

**J. ADJOURNMENT**

---