

**Alliance Regional Water Authority
Technical Committee**

REGULAR MEETING



ALLIANCE WATER

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572
Code: 269 758 645#

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

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, July 8, 2020. The public may participate in this meeting by calling the following number and code:

Conference Call Number: 1-903-405-2572
Code: 269 758 645#

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 July 8, 2020. 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 June 10, 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, Project Coordinator*

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 Update, discussion and possible direction to Staff regarding the Authority's Phase 1B Program Cost Estimates & Schedules. ~ *Ryan Sowa, P.E., Kimley-Horn & Associates*
- F.4 Update, discussion and possible direction to Staff regarding the Authority's request to the Texas Water Development Board for additional SWIFT Funding. ~ *Graham Moore, P.E., Executive Director*
- F.5 Discussion and possible recommendation to the Board to recommend approval of the proposed Authority budget for FY 2020-21; and possible direction to staff. ~ *Graham Moore, P.E., Executive Director*
- F.6 Update and possible direction to Staff regarding 2020 Sponsor water projections. ~ *Jason Biemer, Project Coordinator*
- F.7 Update on status of groundwater management in project target area, and Gonzales County Underground Water Conservation District, Plum Creek Conservation District, Groundwater Management Area 13, Region L Planning Group, Guadalupe-Blanco River Authority, Hays County and CAPCOG activities. ~ *Graham Moore, P.E., Executive Director*
- G. EXECUTIVE DIRECTOR REPORT - Update on future meeting dates, locations, consultant invoices paid, approved changed orders, status of Authority procurements, Executive Director activities and other operational activities where no action is required. ~ *Graham Moore, P.E., Executive Director*
- H. COMMITTEE MEMBER ITEMS OR FUTURE AGENDA ITEMS – Possible acknowledgement by Committee Members of future area events and/or requests for item(s) to be placed on a future agenda where no action is required.
- I. EXECUTIVE SESSION
 - I.1 *Executive Session pursuant to the Government Code, Section 551.071 (Consultation with Attorney) and/or Section 551.072 (Real Property Deliberations) regarding:*
 - A. *Water supply partnership options*
 - B. *Groundwater leases*
 - C. *Acquisition of real property for water supply project purposes*

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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*

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>
Blake Neffendorf	
James Earp	
Tom Taggart	
Humberto Ramos	
Brian Lillibridge	
Mike Taylor	

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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 Regular Technical Committee Meeting held June 10, 2020. ~ *Graham Moore, P.E., Executive Director*

Attachment(s)

- 2020 06 10 Technical Committee Meeting Minutes

Technical Committee decision needed:

- Approval of minutes.



ALLIANCE WATER

Alliance Regional Water Authority

TECHNICAL COMMITTEE MEETING

MINUTES

Wednesday, June 10, 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, June 10, 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 3:01 p.m. by Mr. Earp.

B. ROLL CALL.

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

C. PUBLIC COMMENT PERIOD

- **None.**

D. CONSENT AGENDA

D.1 Consider approval of minutes of the Regular Technical Committee Meeting held May 13, 2020.

- **Motion to adopt the consent agenda as presented was made by Mr. Earp, seconded by Mr. Taylor 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.**
 - **Mr. Ramos asked what the final change order on the pump station would be for.**
 - **Mr. Biemer responded that it would be for additional time, some communications software and other relatively small items.**
 - **Mr. Taggart inquired how pump curves could be verified without the Segment B pipeline in place.**
 - **Mr. Biemer noted that friction was simulated with closed valves and we will re-verify once pipeline is in place.**
 - **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.**
 - **Mr. Ramos inquired as whether the Authority is planning to use the 8-1-1 system for utility locates.**
 - **Mr. Moore stated that he is investigating this further and will come back with a final recommendation.**
 - **Mr. Sowa noted that on the Segment A Hazardous Materials investigation Blanton & Associates will complete approximately \$35,000 under the maximum authorized amount.**
 - **No Action.**
- F.3 Discussion and possible recommendation to the Board to recommend the approval of Work Order #5 with Blanton & Associates, Inc. for hazardous materials studies on Segment E.
- **Motion to recommend to the Board approval of Work Order #5 with Blanton & Associates Inc. for hazardous materials studies on Segment E was made by Mr. Earp, seconded by Mr. Ramos and approved on a 6-0 vote.**
- F.4 Update, discussion and possible direction to Staff regarding the Authority's Phase 1B Program Cost Estimates & Schedules.
- **Mr. Ryan Sowa with Kimley-Horn went through the presentation in the packet regarding the Authority's Phase 1B Cost Estimates & Schedules.**

- **Mr. Ramos inquired if Segment E is the one going to CRWA Dunlap? And where does Segment C go?**
 - **Mr. Sowa responded that E goes to Dunlap and C goes to the Kyle area.**
 - **Mr. Taylor inquired if we are in conversations with pipe vendors to make sure they can make pipe in a timely manner?**
 - **Mr. Sowa confirmed that the Program is in contact with all likely pipe manufacturers – ductile iron, steel & concrete steel cylinder pipe.**
 - **Mr. Taggart noted that he would like a total for the costs shown.**
 - **Mr. Moore noted that we were hesitant to show the total because this is only a subset of all projects.**
 - **Mr. Earp noted that the costs are too high.**
 - **No Action.**
- F.5 Update, discussion and possible direction to Staff regarding the Authority's request to the Texas Water Development Board for additional SWIFT Funding.
- **No Action.**
- F.6 Discussion of the proposed Authority budget for FY 2020-21; and possible direction to staff.
- **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 on the various topics.**
 - **No Action.**

G. EXECUTIVE DIRECTOR REPORT

- **No Action.**

H. COMMITTEE MEMBER ITEMS OR FUTURE AGENDA ITEMS

- **Mr. Earp would like information on the technology that the Authority would need to host a combination of in-person and virtual meetings.**

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 3:59 p.m. by Mr. Earp.**

APPROVED: _____, 2020

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

Background/Information

Below are brief updates on the Phase 1A projects.

Segment A Pipeline:

- Meter Testing / Backflow prevention testing will be completed this week.

Segment B Pipeline:

- Bore #5 complete (Lehigh Tract)
- Bore #6 complete (BSEACD Tract)
- Project on time. No change orders currently issued.
- About 9,000 feet of pipe laid down.

Pump Station:

- Functional demonstration testing conducted week of June 22nd.
- 60 items sent to punch list for resolution.
- Upcoming major training elements in control system, chlorine feed and controls and delivery site controls.

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 – July 8, 2020
- Kimley-Horn Monthly Summary of Activities for June 2020

Technical Committee Decisions Needed:

- None.



Phase 1B Program Update

Technical Committee Meeting
July 8, 2020



Kimley»Horn

Ongoing Progress

Well Drilling Update

- NTP Issued June 29th

Roadway Coordination

- TxDOT
 - SH 304 (WTP)
 - Pipeline Crossings
 - Right-of-Way Dedications
- Counties
 - Wolf Run Road (WTP)
 - Pipeline Crossings
 - Impacts due to Construction Activity

Design Milestone Review

- Pipeline Segment B1
 - 60% Design Submittal (June – Under Review Now)
- Pipeline Segment B2 and Booster Pump Station
 - 60% Design Submittal (July)
- Pipeline Segment D
 - 60% Design Submittal (August)



Kimley»Horn

Ongoing Progress

Agency Review Update

- US Army Corps of Engineers (Segment A)
 - Cultural Resources review
 - Significant comments despite THC approval
 - Currently coordinating to address comments

Texas Water Development Board Update

- EFR's to be Submitted
 - Pipeline Segment A
- Release of Funds
 - ROF No. 8 Submitted
 - Well Drilling – Construction Contract



Kimley»Horn

Pipeline Route Analyses & Rights of Entry

Pipeline Segment	Number of Right-of-Entry Requests	Right-of-Entry Received or Access Granted (No. of Parcels)	Right-of-Entry Received or Access Granted (%)	Alignment Confirmed (%)
A	38	38	100%	100%
B	44	44	100%	100%
D	63	63	100%	100%
C	82	81	99%	83%
E	35	35	100%	91%
Wellfield	19	16	84%	0%
Total	281	277		



Kimley»Horn

Pipeline Easement Acquisition Status

Pipeline Segment	Number of Parcels	Appraisals Prepared	Initial Offer Letter Delivered	Purchase Agreement Signed / Easement Closed
A	38	37	37	13
B	44	40	29	1
D	63	44	33	8
C	82	0	0	0
E	35	6	0	0
Wellfield	19	0	0	0
Total	281	127	99	22



Kimley»Horn

Questions?



Kimley»Horn

July 6, 2020

Project Monthly Summary

June 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 Technical Committee Meeting 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 and presented Program Quarterly Update for the Technical Committee and Board Meetings.
 - Continued updates to Budget Workbook to include monthly tracking of actual costs for ARWA review.
 - Continued development of projected Operation and Maintenance costs.

- Task 4 – Schedule
 - Finalized and presented Program Quarterly Update for the for the Technical Committee and Board Meetings.
 - Coordinated 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
 - Finalized proposal for additional hazmat studies for Segments E with Environmental Consultant.
 - Backcheck reviewed the desktop environmental analyses of potential tank sites.
 - Continued coordination with the Program Environmental Consultant regarding additional hazmat studies for Segment A, B, D, 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.

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

- Monthly progress meeting and ongoing coordination with Program Environmental Consultant.
- Continued coordination between Program Environmental Consultant and Design Engineers.
- Reviewed Program Environmental invoices, schedule, and risk log.

- Task 8 – Land Acquisition Management
 - Prepared update to the Land Acquisition Workflow.
 - Coordinated the appraisal process for Segments A, B, and D 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 preparations for reimbursement funding release.
 - Continue coordination with TWDB Staff to track all EFRs, environmental reports, and bid documents currently under review.

- Task 10 – Design Standards
 - Compiled and addressed comments from the Manufacturer review of the Pipeline Construction Standards and Details.
 - Revised the Cathodic Protection Program Standards given feedback from the PAC and Design Consultants.
 - Revised and finalized the Security Standards given feedback from the PAC and Design Consultants.
 - Coordinated with the Design Consultants to receive feedback and information related to the Fiber Standards.

- Task 11 – Engineering Design Management
 - Pipelines:
 - Segment A
 - Finalized review of the 60% design submittal prepared by the Design Consultant.
 - Attended 60% Submittal Review Workshop.
 - Continued coordination with Design Consultant for final design.

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

- Segment B
 - Began review of the Segment B1 60% design submittal prepared by the Design Consultant.
 - Continued coordination with Design Consultant to finalize EFR.
 - Continued coordination with Design Consultant for final design.
- Segment C
 - 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
 - Continued coordination with Design Consultant for final design.
- Segment E
 - Reviewed the Draft 30% Engineering Feasibility Report prepared by the Design Consultant.
 - Continued coordination with Design Consultant regarding ongoing field work as part of right-of-entry process and EFR development.
 - Continue coordination with Design Consultant regarding for final design.
- Wellfield:
 - Prepared for and attended Pre-Construction Meeting.
 - Continued coordination regarding procurement of the construction contract for Wells 6-9.
- Raw Water Infrastructure:
 - Continued coordination with Design Consultant for 60% design development.
- Water Treatment Plant:
 - Finalized review of the 60% design submittal prepared by the Design Consultant.
 - Attended 60% Submittal Review Workshop.
 - Continued coordination with Design Consultant for final design.
- Booster Pump Station:
 - Coordinated with Design Consultant for final design.
- Inline Elevated Storage Tanks:
 - 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).

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

- Review invoices, schedules, and risk logs for consultants.
- Task 13 – Electrical Power Planning
 - Continued coordinated with ARWA concerning emergency power needs and service options for the water treatment plant and wellfield.
 - 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 County concerning variance request for the Site Development Permit.
 - Continued General Coordination with TxDOT.
 - Continued General Coordination with GVEC and BBEC.
 - On-going Permit Tracking Log Updates.
- Task 16 – Other Services
 - Began preparing additional solar analysis and memo evaluating ARWA’s potential return on investment.
 - Commissioning Planning
 - Continued evaluating the commissioning of the Phase 1B infrastructure.

July 2020 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 Project Advisory Committee Meeting Update.
 - Prepare and present Technical 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.
- Task 4 – Schedule
 - Coordinate with Program team to integrate each project schedule into overall Program schedule.

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

- Task 6 – Data Management
 - Integrate executed easement documents within online GIS Web Map.
 - 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
 - Coordinate with Program Environmental Consultant concerning the comment responses to the United States Army Corps of Engineers.
 - Continued coordination with the Program Environmental Consultant regarding additional hazmat studies for Segment B, D, 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
 - Attend Temporary Injunction Hearings for parcels where the Program is seeking a ROE.
 - Coordinate the appraisal process for Segment A, B, 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
 - Submit the Segment A EFR to the TWDB for review.
 - Continue preparations for reimbursement funding release.
 - Continue coordination with TWDB Staff to track all EFRs, environmental reports, and bid documents currently under review.

- Task 10 – Design Standards

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

- Address comments from the Manufacturer review of the Pipeline Construction Standards and distribute to the Design Consultants.
- Finalize and distribute revised Design Standards to the Design Consultants.
- Distribute the revised Construction Details to the Design Consultants for review.
- Prepare revised Division 00 and Division 01 standards for the Pipeline Design Consultants.
- Finalize the Cathodic Protection Program Standards given feedback from the PAC and Design Consultants.
- Distribute finalized Security Standards given feedback from the PAC and Design Consultants.
- Finalize the Fiber Standards given feedback from the PAC and Design Consultants.

- Task 11 – Engineering Design Management
 - Pipelines:
 - Segment A
 - Finalize and submit the Final 30% Engineering Feasibility Report to the TWDB.
 - Continue coordination with Design Consultant for final design.
 - Segment B
 - Finalize review of the Segment B1 60% design submittal prepared by the Design Consultant.
 - Attend Segment B1 60% Submittal Review Workshop.
 - Begin review of the Segment B2 60% design submittal prepared by the Design Consultant.
 - Continue coordination with Design Consultant to finalize EFR.
 - Continue coordination with Design Consultant regarding for final design.
 - Segment C
 - Finalize and backcheck the 30% Engineering Feasibility Report prepared by the Design Consultant.
 - 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
 - Finalize and backcheck the 30% Engineering Feasibility Report prepared by the Design Consultant.
 - Continue coordination with Design Consultant regarding ongoing field work as part of right-of-entry process and EFR development.

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

- Continue coordination with Design Consultant regarding for final design.
 - Wellfield:
 - Continue coordination regarding procurement of the construction contract for Wells 6-9.
 - Raw Water Infrastructure:
 - Continue coordination with Design Consultant for 60% design development.
 - Water Treatment Plant:
 - Coordination with Design Consultant for final design.
 - Booster Pump Station:
 - Coordination with Design Consultant for final design.
 - Inline Elevated Storage Tanks:
 - 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
- Task 13 – Electrical Power Planning
 - Coordinate with ARWA and GVEC to begin development of agreement language for service to the well field.
 - Continue coordination with ARWA concerning emergency power needs and service options for the water treatment plant and wellfield.
 - Continue coordination with GVEC regarding electric service to the WTP and wellfield.
- Task 14 – Permit Coordination/Tracking
 - Continue Permit coordination with Pipeline consultants
 - Continue Coordination with Caldwell County for variance request for the Site Development Permit.
 - Coordinate with Hays County concerning the Site Development Permit.
 - General Coordination with TxDOT.
 - Coordinate with Hays County TxDOT office concerning roadway crossings.
 - General Coordination with GVEC and BBEC.
 - Permit Tracking Log Updates.
- Task 16 – Other Services
 - Prepare additional solar analysis and memo evaluating ARWA’s potential return on investment.
 - Commissioning Planning
 - Continue evaluating the commissioning of the Phase 1B infrastructure.
 - Finalize and submit the City of San Marcos Watershed Protection Plan for the Booster Pump Station Plat.

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

Scope Elements Added/Removed:

None at this time.

Outstanding Issues/Concerns:

None at this time.

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- F.3** Update, discussion and possible direction to Staff regarding the Authority's Phase 1B Program Cost Estimates & Schedules. ~ *Ryan Sowa, P.E., Kimley-Horn & Associates*
-

Background/Information

Attached is a presentation update on the schedule and budget for the Phase 1B Program.

Next Step(s)

- Phase 1B Program Schedule and Budget Update July 6, 2020

Technical Committee Decision Needed:

- Possible direction to Staff.



Phase 1B Program Budget Update

Technical Committee Meeting
July 8, 2020



Kimley»Horn

Budget Update

Recap of Budgeting Process

Key Developments

Current Budget Status

Next Steps



Kimley»Horn

Budget Update

Recap of Budgeting Process

- Base Budgets Set in 2019
- Construction – Combination of Program and Consultant Projections
- Support Services – Developed by Program
- Combined Program – ARWA/GBRA Split
 - Construction – Based on % of allocated capacity
 - Support Services – 50/50 split



Kimley»Horn

Budget Update

Key Developments

- Design Progression
 - Generally Ranging from 30% to 60%
 - Updated Cost Projections
 - Value Engineering (Facilities)
- Program Cost Reduction Measures (all Projects)



Kimley»Horn

Opinions of Cost – Sources of Projected Costs

Construction Package	Status of Projected Cost
Combined Program Infrastructure	
Water Treatment Plant	60% Design, and reflects value engineering efforts
SCADA Fiber Backbone	Owner's Representative
Booster Pump Station	30% Design, and reflects value engineering efforts
Inline EST (South)	Preliminary Technical Memorandum
Pipeline Segment A	60% Design
Pipeline Segment B	60% Design (Segment B1), 30% Design (Segment B2)
Pipeline Segment D	30% Design
Pipeline Segment E	30% Design
ARWA-Only Infrastructure	
Wellfield	Based on Price Proposal from selected contractor
Water Treatment Plant (Land)	Actual Purchase Price for the remaining 518 acres
ARWA Delivery Points	30% Design
Inline EST (North)	Preliminary Technical Memorandum
Raw Water Infrastructure	60% Design
Administration and Operations Building	Owner's Representative
Pipeline Segment C	30% Design
Pipeline Segment E	30% Design

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Kimley»Horn

PER Costs vs. Available Funding

	Total PER Projected Cost	GBRA Projected Cost of Shared Program	ARWA Projected Cost for Phase 1B
No Contingency	\$345,900,000	\$97,000,000	\$248,900,000
With 30% Contingency	\$437,000,000	\$122,100,000	\$314,800,000
Current Funding			\$213,400,000
"Funding – Projected Cost" (w/o contingency)			(\$35,490,000)
"Funding – Project Costed" (w/ 30% contingency)			(\$101,390,000)

The "Gap"



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Budget Update

Program Cost Reduction Measures (all Projects)

Item	Option	Potential Capital Cost Savings	Comments
2a	Peaking Factor Reduction – Pipelines. Reduce Segment A Only to 1.3 Peaking	\$3,100,000	Bid Segment A as a 48" and 42" Pipeline
2b	Peaking Factor Reduction – Facilities. Reduce Peaking to 1.0 in both WTP & BPS	\$7,000,000	Size critical elements for full flow where future expansion will be difficult
6	Repackaging of Projects	\$7,900,000	
7	Isolation Valve Spacing Revision	\$2,600,000	
8	Stream Crossing Variance	\$1,100,000	

- Recognize savings of \$18 million resulting from the reduced interest rates at time of closing as compared to budgeted numbers.



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Budget Update

Program Cost Reduction Measures (all Projects)

Item	Option	Potential Capital Cost Savings	Comments
➔ 2a	Peaking Factor Reduction – Pipelines. Reduce Segment A Only to 1.3 Peaking	\$3,100,000	Bid Segment A as a 48" and 42" Pipeline
➔ 2b	Peaking Factor Reduction – Facilities. Reduce Peaking to 1.0 in both WTP & BPS	\$7,000,000	Size critical elements for full flow where future expansion will be difficult
6	Repackaging of Projects	\$7,900,000	
➔ 7	Isolation Valve Spacing Revision	\$2,600,000	
8	Stream Crossing Variance	\$1,100,000	

- Recognize savings of \$18 million resulting from the reduced interest rates at time of closing as compared to budgeted numbers.



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Budget Update

Program Cost Reduction Measures (all Projects)

ITEM 2a - SEGMENT A - PF REDUCTION

PROJECTED CONSTRUCTION COST

30% Design = \$37,400,000		60% Update = \$32,400,000	
ARWA	GBRA	ARWA	GBRA
60.00%	40.00%	56.80%	43.20%
\$22,400,000	\$15,000,000	\$18,400,000	\$14,000,000

PROJECTED ARWA SAVINGS = \$3,400,000



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Budget Update

Program Cost Reduction Measures (all Projects)

ITEM 2b - WTP & BPS PF REDUCTION

WATER TREATMENT PLANT

PROJECTED CONSTRUCTION COST

30% Design = \$51,200,000		60% Update = \$49,600,000	
ARWA	GBRA	ARWA	GBRA
53.50%	46.50%	45.00%	55.00%
\$27,400,000	\$23,800,000	\$22,300,000	\$27,300,000

BOOSTER PUMP STATION

PROJECTED CONSTRUCTION COST

30% Design = \$20,400,000		30% Update = \$18,900,000	
ARWA	GBRA	ARWA	GBRA
63.30%	36.70%	63.00%	37.00%
\$12,900,000	\$7,500,000	\$11,900,000	\$7,000,000

PROJECTED ARWA SAVINGS = \$6,100,000



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Budget Update

Program Cost Reduction Measures (all Projects)

ITEM 7 - VALVE SPACING REVISION

NUMBER OF VALVES

	Original	Revised
Segment A	21	8
Segment B	27	6
Segment C	23	11
Segment D	33	14
Segment E	13	11
SUM	117	50

CURRENT VALVE REDUCTION = 67

AVG. PROJECTED COST PER VALVE = \$75,000
 PROJECTED ARWA SAVINGS = \$3,500,000



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Budget Update

Program Cost Reduction Measures (all Projects)

Item	Option	Potential Capital Cost Savings	Current Projection
2a	Peaking Factor Reduction – Pipelines. Reduce Segment A Only to 1.3 Peaking	\$3,100,000	\$3,400,000
2b	Peaking Factor Reduction – Facilities. Reduce Peaking to 1.0 in both WTP & BPS	\$7,000,000	\$6,100,000
6	Repackaging of Projects	\$7,900,000	
7	Isolation Valve Spacing Revision	\$2,600,000	\$3,500,000
8	Stream Crossing Variance	\$1,100,000	



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Budget Update

Explanation of Project Costs

Combined Program – ARWA/GBRA Cost Splits

Current Budget Status



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Opinions of Cost

• Summary of Overall Program Costs

- **Construction**
- **Land Acquisition** – anticipated costs for purchase of land (facilities) and easement acquisition (pipelines), acquisition support services
- **Support Services** – anticipated costs for services such as engineering, design survey, environmental, construction management and inspection, and testing
- **Other** – anticipated costs for items such as electrical service (power) to the WTP and BPS sites
- **Contingencies**



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Budget Update

Example cost breakdown showing overall Program costs associated with the Segment B Pipeline

PIPELINE SEGMENT B		
CONSTRUCTION	CONSTRUCTION (B1)	\$25,100,000
	CONSTRUCTION (B2)	\$10,300,000
LAND ACQUISITION	EASEMENT PURCHASE B1	\$981,000
	EASEMENT PURCHASE B2	\$767,000
	LEGAL	\$318,750
	LAND AGENT	\$306,000
	APPRAISAL TEAM	\$229,500
	SURVEY	\$255,000
	TITLE SERVICES	\$25,500
SUPPORT SERVICES	ENGINEERING	\$3,186,000
	DESIGN SURVEY	\$1,062,000
	ENVIRONMENTAL	\$380,000
	INSPECTION	\$1,416,000
	CONSTRUCTION MANAGEMENT	\$354,000
	TESTING	\$354,000
	PROGRAM MANAGEMENT	\$2,364,006
CONTINGENCIES	CONSTRUCTION CONTINGENCY B1	\$7,530,000
	CONSTRUCTION CONTINGENCY B2	\$3,090,000
	EASEMENT CONTINGENCY	\$524,400
	SUPPORT SERVICES CONTINGENCY	\$1,770,000.00
	SUBTOTAL (ROUNDED)	\$60,300,000

ALLIANCE WATER

Cost Allocation for Combined Program

- Support Services, Land Acquisition – 50/50 split
- Construction
 - Distribution of costs are based on each entity's capacity share of each infrastructure component
 - Original Percentages were previously provided to the Committee as part of the Combined PER
 - Percentages updated based on changes in infrastructure sizing

PIPELINE SEGMENT A

	ARWA Capacity (acre-ft/yr)	GBRA Capacity (acre-ft/yr)	ARWA %	GBRA %
Original (ARWA Peaking Factor = 1.5)	22,500	15,000	60.00%	40.00%
Revised (ARWA Peaking Factor = 1.3)	19,500	15,000	56.80%	43.20%



Cost Allocation for Combined Program

Construction Package	ORIGINAL		REVISED	
	ARWA (%)	GBRA (%)	ARWA (%)	GBRA (%)
WTP Construction	53.50	46.50	45.00	55.00
SCADA	50.00	50.00	50.00	50.00
BPS Construction	63.30	36.70	63.00	37.00
Inline EST Construction	75.00	25.00	75.17	24.83
GBRA Delivery Meter Stations	50.00	50.00	50.00	50.00
Pipeline Segments A Construction	60.00	40.00	56.80	43.20
Pipeline Segment B1 Construction	65.22	34.78	61.90	38.10
Pipeline Segment B2 Construction	69.20	30.80	76.19	23.81
Pipeline Segment D1 Construction	75.17	24.83	75.17	24.83
Pipeline Segment D2 Construction	74.58	25.42	74.58	25.42
Pipeline Segment E Construction	65.22	34.78	65.22	34.78
Land Acquisition, Engineering, Other Support Services	50.00	50.00	50.00	50.00
TOTAL	60.30	39.70	58.37	41.63

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Construction Package	ORIGINAL	REVISED	DIFFERENCE
	ARWA Total Projected Cost	ARWA Total Projected Cost	
Combined Program Infrastructure			
Water Treatment Plant	\$ 24,500,000	\$ 28,900,000	\$ 4,400,000
SCADA Fiber Backbone	\$ 900,000	\$ 700,000	(\$ 200,000)
Booster Pump Station & GBRA Meter Stations	\$ 15,300,000	\$ 15,000,000	(\$ 300,000)
Inline EST (South)	\$ 3,600,000	\$ 3,500,000	(\$ 100,000)
Pipeline Segment A	\$ 28,600,000	\$ 24,100,000	(\$ 4,500,000)
Pipeline Segment B	\$ 29,400,000	\$ 34,400,000	\$ 5,000,000
Pipeline Segment D	\$ 36,300,000	\$ 35,400,000	(\$ 900,000)
Pipeline Segment E	\$ 9,500,000	\$ 9,800,000	\$ 300,000
Subtotal	\$148,100,000	\$151,800,000	\$ 3,700,000
ARWA-Only Infrastructure			
Wellfield	\$ 3,800,000	\$ 3,100,000	(\$ 700,000)
Water Treatment Plant	\$ 2,600,000	\$ 2,600,000	No Change
ARWA Delivery Points	\$ 6,100,000	\$ 6,900,000	\$ 800,000
Inline EST (North)	\$ 5,400,000	\$ 7,600,000	\$ 2,200,000
Raw Water Infrastructure	\$ 7,400,000	\$ 11,500,000	\$ 4,100,000
Administration and Operations Building	\$ 4,300,000	\$ 4,200,000	(\$ 100,000)
Pipeline Segment C	\$ 64,500,000	\$ 68,700,000	\$ 4,200,000
Pipeline Segment E	\$ 6,700,000	\$ 14,100,000	\$ 7,400,000
Subtotal	\$100,800,000	\$118,700,000	\$ 17,900,000
Total	\$248,900,000	\$270,500,000	\$ 21,600,000
Contingencies	\$65,900,000	\$58,900,000	(\$ 7,000,000)
Total with Contingencies	\$314,800,000	\$329,400,000	\$ 14,600,000

Budget Update

Water Treatment Plant

- Projected Construction Cost – Increase of +/- \$16 million
- Reduction in ARWA Peaking Factor reduces impact to ARWA
- 60% review yielded significant cost-related comments

Booster Pump Station

- Projected Construction Cost – Increase of +/- \$0.5 million
- Increase despite ARWA Peaking Factor reduction, value engineering
- Additional evaluation of ARWA/GBRA split underway

Pipeline Segment A

- Projected Construction Cost – Decrease of +/- \$5 million
- Reduction in ARWA Peaking Factor reduces impact to ARWA



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Budget Update

Pipeline Segment B

- Projected Construction Cost – Increase of +/- \$7 million
- Pipe size increase on Segment B2
- SH 130 crossing

Inline Elevated Storage Tank (North)

- Projected Construction Cost – Increase of +/- \$2 million
- 30% design currently underway

Raw Water Infrastructure

- Projected Construction Cost – Increase of +/- \$4 million
- Significant increase in projected costs for electrical, instrumentation
- 60% yielded significant cost-related comments



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Budget Update

Pipeline Segment C

- Projected Construction Cost – Increase of +/- \$5 million
- Additional construction by trenchless methods

Pipeline Segment E (ARWA only)

- Projected Construction Cost – Increase of +/- \$7 million
- Lake Dunlap crossing projected cost – majority of increase



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Budget Update

Land Acquisition

- No significant deviations so far
- Concern – greater number of acquisitions through eminent domain

Support Services

- No significant concerns overall



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Budget Update

Next Steps

- Continued pursuit of cost-saving opportunities
- Review of all projects by Construction Management team
 - Only WTP and Segment A reviewed so far



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Questions?



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REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

F.4 Update, discussion and possible direction to Staff regarding the Authority’s request to the Texas Water Development Board for additional SWIFT Funding. ~ *Graham Moore, P.E., Executive Director*

Background/Information

The TWDB Board is set to approve the Authority’s Financial Application at their meeting in late July.

As a reminder, below are the current and future subsidies being offered:

Maturity	2020 Issuance	2021 Issuance
20-Year	35%	25%
30-Year	20%	14%

SWIFT Rates

Below are the current SWIFT rates. As discussed with the Committee last week, for planning purposes, Staff is utilizing the current rates plus 50 points of cushion for setting the budget.

SWIFT - Net Interest Cost					
<i>Maturity Schedule</i>	<i>2015</i>	<i>2017</i>	<i>2019</i>	<i>2020 - Original Projection</i>	<i>2020 - Current Projection*</i>
30-year	2.88%	2.76%	2.37%	2.90%	2.65%
20-year	1.97%	1.85%	1.54%	2.06%	1.78%

* Includes 50-basis point cushion

Technical Committee Decision Needed:

- Possible direction to Staff.

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

F.5 Discussion and possible recommendation to the Board to recommend approval of the proposed Authority budget for FY 2020-21; and possible direction to staff. ~ *Graham Moore, P.E., Executive Director*

Background/Information

Attached is the summary budget for FY 2020-21.

FY 20-21 Budget Highlights

Below are some of the highlights of the Agency FY 20-21 budget (Appendix A):

- Budget assumes part-time bookkeeper full-time operator for the entire fiscal year.
- No significant changes in consultant expenditures.
- Includes Facility O&M for the first time (Phase 1A Booster Pump Station).
- Debt service payments for 2015, 2017 and 2019 issuances match the final debt service tables.
- Sponsor payment amounts for all non-debt service items has not changed from previous versions of the budget.

The Projects Budget (Appendix B) has been updated along with the Water Sharing budget (Appendix D).

Appendix C projects out revenues and expenditures for the Authority for the next five years. The water sharing expenditures to be paid by Buda have been included, but the revenues to Kyle and San Marcos have been excluded from this analysis.

The table below summarizes the payments made by each Sponsor in support of the Operating Budget and Debt Service in FY 2018-19, those being made in FY 2019-20, what was previously projected for FY 2020-21 and what is currently projected for FY 2020-21.

SPONSOR	ACTUAL 2018-19	APPROVED 2019-20	PROJECTED 2020-21	INITIAL ESTIMATES 2020-21
San Marcos	\$1,563,449	\$2,127,117	\$4,288,127	\$4,100,430
Kyle	\$1,296,685	\$1,884,978	\$3,307,207	\$3,166,740
Buda	\$220,055	\$302,043	\$612,868	\$586,350
Canyon Regional Water Authority	\$1,472,650	\$2,158,870	\$3,673,622	\$3,536,100
TOTAL	\$4,584,440	\$6,473,008	\$11,881,824	\$11,389,620

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

Staff is requesting a recommendation to the Board on possible adoption of the budget at the July meeting.

Attachment(s)

- Summary Budget FY 2019-20 dated July 2, 2020

Technical Committee Decisions Needed:

- Possible recommendation to the Board to adopt the FY 2020-2021 Authority budget, as presented.

ALLIANCE REGIONAL WATER AUTHORITY

SUMMARY BUDGET



ALLIANCE WATER

FOR FISCAL YEAR 2020-21

July 2, 2020



ALLIANCE REGIONAL WATER AUTHORITY

BOARD OF DIRECTORS

Officers

Chris Betz - Chair
Jane Hughson – Vice-Chair
Blake Neffendorf - Treasurer
James Earp - Secretary

Board Members

Mike Taylor
Tracy Scheel
Mark Rockeymoore
Humberto Ramos
Tom Taggart
Brian Lillibridge
Jon Clack
Pat Allen



Alliance Regional Water Authority Summary Budget for FY 20-21

Authority's Goals for FY 20-21

The primary goal for the Alliance Regional Water Authority (Alliance Water) for FY 20-21 is to continue with the development of its 15,000 acre-feet per year Carrizo water supply for its Sponsors scheduled to begin water delivery in 2023. The following items will continue to be pursued in the next fiscal year towards that end:

- Construction of Alliance Water's Phase 1A infrastructure;
- Detailed design and construction of Alliance Water's Phase 1B Program to include the well field, water treatment plant, treated pipelines, booster pump station and integration of water into the Sponsor's systems; and
- Continued participation in State Water Planning, the legislative process and other regional water efforts to expand the understanding of Alliance Water's projects.

Authority's Anticipated Revenue Sources for FY 20-21

Alliance Water receives funding from its Sponsors, based on the Water Supply Contract that was signed by the Agency and its Sponsors in 2008 and the subsequent Amendment #1. The funding comes from two sources: cash payments and/or debt issuance.

The FY 20-21 budget continues to include collection of debt service from Kyle and Canyon Regional Water Authority for the debt issued in 2015 along with collection from all four Sponsors for the debt issued in 2017 and 2019. Alliance Water is scheduled to issue another series of debt funding for each of the Sponsors in late 2020 for which an interest only payment will be due in FY 20-21. The remaining operations and maintenance expenses are anticipated to be funded through cash payments by the Sponsors at the rates specified in the water supply contract.

In June 2018 Alliance Water entered into an agreement with the Guadalupe-Blanco River Authority (GBRA's) for Treatment and Transmission Services for GBRA's Carrizo water to be

utilized by GBRA's customers. As part of the agreement, GBRA has agreed to pay for 50% of the design and acquisition costs for the portion of the Phase 1B Program in which they are participating. These payments are a significant source of revenue for Alliance Water.

Finally, Alliance Water also receives a relatively small amount of revenue monthly as part of a non-potable water supply agreement entered into with the property owner that sold Alliance Water the property for the Phase 1A Booster Pump Station.

Authority's Anticipated Expenditures for FY 20-21

Alliance Water's anticipated expenditures in FY 20-21 are anticipated to be concentrated in the following areas:

- Groundwater royalty payments;
- Construction of the Phase 1A infrastructure;
- Program management, preliminary & final design and right-of-way acquisition for the Phase 1B Program infrastructure;
- Construction of the Phase 1B infrastructure
- Debt service;
- Governmental Relations;
- Public Relations;
- Legal counsel; and
- Full-time staff.

Significant Changes in Revenues & Expenditures from FY 19-20 and FY 20-21

Based on current projections, operations and maintenance expenditures for FY 19-20 are anticipated to be approximately \$2,000,910 with capital expenditures of approximately \$55,000 and debt service payments totaling \$3,320,320 yielding total expenditures of \$5,376,230. Operations and maintenance expenditures in FY 20-21 are anticipated to be approximately \$2,201,100 with groundwater royalties accounting for approximately 62% of the anticipated expenditure. Capital expenditures are anticipated to be \$145,000 with debt service payments totaling \$8,639,620. Total expenditures for FY 20-21 are anticipated to be \$10,985,830. Revenues will increase over FY 20-21 due to the additional debt service payments that will be collected from the Sponsors.

Fiscal Year 18-19 Revenues and Expenditures

Table 1 below summarizes the revenues and expenditures for Alliance Water for the last completed fiscal year of FY 18-19.

Table 1	
FY 18-19 Financial Statement	
Total Assets	\$57,026,757
Total Liabilities	\$41,079,441
Net Position	\$15,971,031

Fiscal Year 19-20 Budgeted and Estimated Revenues and Expenditures

Table 2 below summarizes Alliance Water's budgeted revenues and expenditures versus the projected revenues and expenditures for the current fiscal year of FY 19-20.

Table 2		
FY 19-20 Financial Budget		
	<u>Budget¹</u>	<u>Projected</u>
Revenues	\$6,549,570	\$6,580,160
Expenditures	\$6,459,030	\$5,376,230
Fund Balance	\$1,992,420	\$3,105,810

Notes: ¹ Reflects the amended FY 19-20 budget.

Fiscal Year 20-21 Proposed Revenues and Expenditures

The proposed revenues and expenditures have been divided into three separate accounts: General Operations, Projects and Water Sharing. Appendices A and B provide the detailed FY 20-21 budgets for the General Operations and Projects budgets. Appendix D includes the anticipated revenues and expenses related to the water sharing. These have not been used to adjust the payments expected from the Sponsors as a result of general operations and the projects budgets.

Fund Balance

The fund balance at the end of FY 19-20 is projected to be approximately equivalent to 18 months of operations based on the amended FY 19-20 operating budget.

Sponsor Contributions

Table 3 indicates the total Sponsor contributions required for FY 20-21 for both the General Operations and Projects budgets.

	Total	San Marcos	Kyle	CRWA	Buda
General Operations, excluding Debt Service	\$2,425,000	\$869,605	\$683,123	\$749,083	\$123,190
Debt Service	\$8,639,619	\$3,120,827	\$2,393,615	\$2,677,018	\$448,159
Projects Contribution	\$8,200	\$7,200	\$0	\$0	\$1,000
Water Sharing	\$479,083	\$0	\$0	\$0	\$479,083
TOTAL	\$11,551,902	\$3,997,632	\$3,076,738	\$3,426,100	\$1,051,432

Proposed Five-Year Forecast of Authority Revenues and Expenditures

Appendix C summarizes the anticipated Agency expenditures for budget years FY 19-20 through FY 24-25 and Table 5 summarizes the anticipated revenues collected from the Sponsors. This does not include any credits or contributions related to the water sharing plan. The breakdown of payment by type is provided in Appendix E.

	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
San Marcos	\$2,124,959	\$3,997,632	\$6,526,423	\$7,352,163	\$7,886,321	\$8,173,513
Kyle	\$1,647,689	\$3,076,738	\$4,495,687	\$4,947,279	\$5,373,011	\$5,590,765
Canyon Regional Water Authority	\$1,861,876	\$3,426,100	\$4,983,146	\$5,478,732	\$5,938,223	\$6,185,664
Buda	\$1,005,164	\$1,051,432	\$1,427,641	\$1,567,304	\$1,129,145	\$1,166,992
TOTAL	\$6,639,688	\$11,551,902	\$17,432,897	\$19,345,478	\$20,326,700	\$21,116,932

Primary Issues Affecting the Budget

The proposed budget indicates that the engineering and construction for Phases 1A and 1B of the Alliance Water’s project will continue in FY 20-21. The following budgetary items: royalty payments, legal fees, employee expenses, etc. are relatively stable and therefore easier to predict. The current budget anticipates that the Sponsors will remain at their same participation levels as indicated in Amendment #1 to the Water Supply Contract.

END

APPENDIX A

FY 2020-21 GENERAL OPERATIONS BUDGET

Alliance Regional Water Authority
APPENDIX A: FY 2020-21 GENERAL OPERATIONS BUDGET

Expense	Actual FY 2018/19	Approved (as Amended) FY 2019/20	Estimated FY 2019/20	Proposed FY 2020/21
Operations Expenditures				
Royalties & Permit Fees				
Groundwater Royalties	1,192,172.00	1,355,600.00	1,320,000.00	1,355,600.00
Permit Fees	71,311.00	75,570.00	75,538.00	90,300.00
Total Royalties & Permit Fees	1,263,483.00	1,431,170.00	1,395,538.00	1,445,900.00
Contract Services				
Agency Mgmt Public Relations	39,530.80	50,000.00	21,000.00	50,000.00
Contract Services-Lobbyist	72,000.00	72,000.00	72,000.00	78,000.00
Auditing fees	10,505.00	11,300.00	10,715.00	13,000.00
Legal Fees	108,030.00	105,000.00	100,000.00	105,000.00
Total Contract Services	230,065.80	238,300.00	203,715.00	246,000.00
Regional Water Planning Contribution	1,048.67	2,500.00	1,500.00	2,500.00
Admin Operations				
Dues	6,480.00	7,000.00	7,000.00	7,250.00
Bank Fees	1,702.53	1,000.00	2,500.00	1,000.00
Insurance - Liability, E&O	3,172.56	5,000.00	2,900.00	5,000.00
Non-Project Newspaper Public Notices	2,023.00	500.00	0.00	500.00
Printing and Copying	394.09	2,500.00	4,400.00	2,500.00
Telephone, Telecommunications	2,700.00	3,800.00	2,000.00	3,800.00
Supplies	6,756.61	6,000.00	12,000.00	10,000.00
Admin Operations - Other	0.00	8,200.00	2,000.00	7,500.00
Total Admin Operations	23,228.79	34,000.00	32,800.00	37,550.00
Travel, Conferences & Meetings	4,459.97	4,000.00	1,800.00	4,000.00
Employee Expenses				
Salaries and wages	245,291.02	324,781.33	282,000.00	335,878.00
Merit Bonus	0.00	0.00	0.00	3,040.00
Auto Allowance	10,200.06	16,600.00	14,000.00	17,150.00
Phone Allowance	0.00	0.00	0.00	3,600.00
Payroll taxes	17,541.40	26,115.67	22,000.00	25,283.97
Employee Insurance	21,191.23	33,012.00	25,000.00	30,625.00
Retirement	16,336.35	22,182.57	20,000.00	25,176.76
Licenses & Permits	40.00	1,000.00	1,000.00	1,700.00
Mileage Reimbursement	0.00	1,200.00	400.00	800.00
Employee Expenses - Other	0.00	1,160.00	1,160.00	2,000.00
Total Employee Expenses	310,600.06	426,052.00	365,560.00	445,253.73
Total Operations Expenditures	1,832,890.00	2,136,020.00	2,000,910.00	2,181,200.00
Facility O&M Expenditures				
General - O&M Expenditures	0.00	0.00	0.00	500.00
Well Field - O&M Expenditures	0.00	0.00	0.00	0.00
WTP - O&M Expenditures	0.00	0.00	0.00	0.00
Maxwell BPS - O&M Expenditures	0.00	0.00	0.00	0.00
Buda BPS - O&M Expenditures	0.00	0.00	0.00	19,510.00
Kyle EST - O&M Expenditures	0.00	0.00	0.00	0.00
SH-123 EST - O&M Expenditures	0.00	0.00	0.00	0.00
Total O&M Expenditures	0.00	0.00	0.00	20,010.00

Alliance Regional Water Authority
APPENDIX A: FY 2020-21 GENERAL OPERATIONS BUDGET

	<u>Actual</u> <u>FY 2018/19</u>	<u>Approved (as Amended)</u> <u>FY 2019/20</u>	<u>Estimated</u> <u>FY 2019/20</u>	<u>Proposed</u> <u>FY 2020/21</u>
Capital Expenditures				
Projects-in-Progress (Cash)				
Legal Support	9,240.17	25,000.00	20,000.00	25,000.00
Hydrogeologic Support	52,290.10	25,000.00	20,000.00	25,000.00
Total Projects-in-Progress (Cash)	61,530.27	50,000.00	40,000.00	50,000.00
Projects-in-Progress Eng. (Cash)				
Engineering - General	0.00	75,000.00	0.00	75,000.00
GIS Development	5,268.75	25,000.00	15,000.00	20,000.00
Total Projects-in-Progress Eng. (Cash)	5,268.75	100,000.00	15,000.00	95,000.00
Projects-in-Progress Construction				
Construction -GCUWCD Monitor Wells	101,372.38	0.00	0.00	0.00
Total Projects-in-Progress Construction	101,370.00	0.00	0.00	0.00
Debt Service Payment				
Series 2015a (CRWA)	248,918.50	247,586.50	247,586.50	250,977.00
Series 2015b (Kyle)	177,806.50	177,032.50	177,032.50	181,087.50
Series 2017a (CRWA)	497,816.00	500,814.00	500,814.00	498,561.50
Series 2017b (Kyle)	456,883.50	455,035.50	455,035.50	452,995.50
Series 2017c (San Marcos)	720,739.00	722,337.00	722,377.00	723,522.00
Series 2017d (Buda)	100,675.50	100,203.00	100,203.00	104,678.00
Series 2019a (CRWA)	0.00	700,000.00	403,005.01	1,287,478.50
Series 2019b (Kyle)	0.00	605,000.00	367,710.69	1,174,531.50
Series 2019c (San Marcos)	0.00	580,000.00	303,502.29	1,897,305.00
Series 2019d (Buda)	0.00	85,000.00	43,048.51	268,481.00
Series 2020a (CRWA)	0.00	0.00	0.00	640,000.00
Series 2020b (Kyle)	0.00	0.00	0.00	585,000.00
Series 2020c (San Marcos)	0.00	0.00	0.00	500,000.00
Series 2020d (Buda)	0.00	0.00	0.00	75,000.00
Total Debt Service Payment	2,202,840.00	4,173,010.00	3,320,320.00	8,639,620.00
Total Capital Expenditures	2,371,010.00	4,323,010.00	3,375,320.00	8,784,620.00
Total Expense	4,203,900.00	6,459,030.00	5,376,230.00	10,985,830.00
Ordinary Income/Expense				
Beginning Unreserved Fund Balance	1,447,920.00	1,901,881.58	1,901,881.58	3,105,810.00
Revenue				
Project Contribution				
City of San Marcos	1,563,449.00	2,127,117.00	2,127,117.00	3,990,430.00
City of Kyle	1,296,685.00	1,884,978.00	1,884,978.00	3,076,740.00
City of Buda	220,056.00	302,043.00	302,043.00	571,350.00
Canyon Regional Water Authority	1,472,650.00	2,158,870.50	2,158,870.50	3,426,100.00
Project Contribution - Other	0.00	31,600.00	63,200.00	31,600.00
Total Project Contribution	4,552,840.00	6,504,608.50	6,536,208.50	11,096,220.00
TexStar Interest Revenue				
City of San Marcos	43,590.30	15,000.00	13,500.00	4,300.00
City of Kyle	34,242.58	11,250.00	10,500.00	3,400.00
City of Buda	6,175.09	1,875.00	1,800.00	600.00
Canyon Regional Water Authority	37,548.94	12,750.00	11,500.00	3,700.00
TexStar Interest Revenue - Other	0.00	0.00	0.00	0.00
Total TexStar Interest Revenue	121,556.91	40,875.00	37,300.00	12,000.00
Broadway Interest Revenue				
City of San Marcos	5,107.34	1,500.00	2,250.00	550.00
City of Kyle	3,896.09	1,125.00	1,750.00	425.00
City of Buda	695.41	190.00	325.00	75.00
Canyon Regional Water Authority	4,372.20	1,275.00	2,325.00	450.00
Broadway Interest Revenue - Other	0.00	0.00	0.00	0.00
Total Broadway Interest Income	14,071.04	4,090.00	6,650.00	1,500.00
Total Operating Revenue	4,688,470.00	6,549,570.00	6,580,160.00	11,109,720.00
Total Funds Available	6,136,390.00	8,451,451.58	8,482,041.58	14,215,530.00
Net Income	484,570.00	90,540.00	1,203,930.00	123,890.00
Ending Unreserved Balance	1,901,881.58	1,992,420.00	3,105,810.00	3,229,700.00
Fund Balance as Percentage of Operating	103.76%	93.28%	155.22%	146.72%

APPENDIX B

FY 2020-21 PROJECTS BUDGET

Alliance Regional Water Authority
APPENDIX B: FY 2020-21 CAPITAL PROJECTS BUDGET

Expense	Actual FY 2018/19	Amended) FY 2019/20	Estimated FY 2019/20	Proposed FY 2020/21
Capital Expenditures				
Projects-in-Progress Engineering				
Engineering - Phase 1A Pipeline	129,737.74	45,000.00	55,000.00	15,000.00
Engineering - Phase 1A Pump Station	38,954.30	30,000.00	54,000.00	0.00
Engineering - ROW Acquisition	316,639.25	0.00	75,000.00	0.00
Project - Required Newspaper Notices	1,533.54	750.00	0.00	0.00
Total Projects-in-Progress Engineer	486,864.83	75,750.00	184,000.00	15,000.00
Projects-in-Progress Construction				
Construction - Phase 1A Pipeline	1,624,605.34	3,770,000.00	3,250,000.00	700,000.00
Construction - Phase 1A Pump Station	4,365.50	1,200,000.00	1,000,000.00	0.00
Construction - Inspection	212,520.98	220,000.00	220,000.00	50,000.00
Total Projects-in-Progress Construction	1,841,490.00	5,190,000.00	4,470,000.00	750,000.00
Total Capital Expenditures	2,328,354.83	5,265,750.00	4,654,000.00	765,000.00
Ordinary Income/Expense				
Revenue				
Capital Contribution				
City of San Marcos	834,948.69	1,888,300.00	1,668,900.00	274,300.00
City of Kyle	0.00	0.00	0.00	0.00
City of Buda	118,280.52	267,500.00	236,400.00	38,900.00
Canyon Regional Water Authority	0.00	0.00	0.00	0.00
Total Project Contribution	953,229.21	2,155,800.00	1,905,300.00	313,200.00
Total Interest on Capital Contribution	0.00	0.00	0.00	0.00
Total Operating Revenue	953,229.21	2,155,800.00	1,905,300.00	313,200.00

APPENDIX C

PROJECTED 5-YEAR BUDGET

Alliance Regional Water Authority
APPENDIX C: PROJECTED 5-YR BUDGET

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Beginning Fund Balance	\$1,901,882	\$2,182,530	\$2,274,810	\$2,380,630	\$1,869,370	\$1,153,320
GENERAL OPERATIONS						
Expenditures						
Operations						
Royalties & Permits	\$1,395,538	\$1,445,900	\$1,554,930	\$2,071,300	\$2,116,857	\$2,163,644
Contract Services	\$203,715	\$246,000	\$262,000	\$277,000	\$277,000	\$277,000
Operations	\$34,300	\$40,050	\$47,800	\$50,190	\$52,700	\$55,334
Employee Expenses	\$365,560	\$445,254	\$454,205	\$733,771	\$1,382,998	\$1,436,383
Travel, Conferences & Meetings	\$1,800	\$4,000	\$5,000	\$7,500	\$15,000	\$20,000
Total Operations	\$2,000,913	\$2,181,204	\$2,323,935	\$3,139,761	\$3,844,555	\$3,952,362
Plant O&M Expenditures	\$0	\$20,010	\$23,750	\$250,000	\$1,250,000	\$1,350,000
Capital Projects (Cash)						
Permitting/Groundwater Support	\$40,000	\$50,000	\$60,000	\$35,000	\$35,000	\$35,000
Engineering & Studies (Cash)	\$15,000	\$95,000	\$100,000	\$100,000	\$100,000	\$100,000
Construction (Cash)	\$0	\$0	\$0	\$0	\$0	\$0
Total Capital Projects (Cash)	\$55,000	\$145,000	\$160,000	\$135,000	\$135,000	\$135,000
Shared Water						
Payments to Kyle	\$290,684	\$306,857	\$315,094	\$332,014	\$0	\$0
Payments to San Marcos	\$165,336	\$165,336	\$165,336	\$165,336	\$0	\$0
ARWA O&M	\$0	\$6,890	\$9,360	\$14,330	\$0	\$0
Total Shared Water	\$456,020	\$479,083	\$489,790	\$511,680	\$0	\$0
Total Expenditures	\$2,511,930	\$2,825,300	\$2,997,470	\$4,036,440	\$5,229,550	\$5,437,360
Revenues						
City of San Marcos	\$824,780	\$869,605	\$932,360	\$1,075,800	\$1,613,700	\$1,900,580
City of Kyle	\$647,910	\$683,123	\$732,420	\$845,100	\$1,267,650	\$1,493,010
City of Buda	\$116,840	\$123,190	\$132,080	\$152,400	\$228,600	\$269,240
Canyon Regional Water Authority	\$710,470	\$749,083	\$803,140	\$926,700	\$1,390,050	\$1,637,170
Total Revenues	\$2,300,000	\$2,425,000	\$2,600,000	\$3,000,000	\$4,500,000	\$5,300,000
PROJECTS						
Expenditures						
Series 2015a (CRWA)	\$247,587	\$250,977	\$249,058	\$251,854	\$249,319	\$251,609
Series 2015b (Kyle)	\$177,033	\$181,088	\$179,929	\$178,608	\$182,117	\$180,437
Series 2017a (CRWA)	\$500,814	\$498,562	\$501,018	\$498,048	\$499,727	\$496,042
Series 2017b (Kyle)	\$455,036	\$452,996	\$455,692	\$452,997	\$454,983	\$451,633
Series 2017c (San Marcos)	\$722,377	\$723,522	\$719,232	\$719,282	\$718,677	\$722,517
Series 2017d (Buda)	\$100,203	\$104,678	\$104,054	\$103,334	\$102,526	\$101,646
Series 2019a (CRWA)	\$403,005	\$1,287,479	\$1,289,931	\$1,287,131	\$1,284,128	\$1,285,844
Series 2019b (Kyle)	\$367,711	\$1,174,532	\$1,172,647	\$1,175,575	\$1,173,261	\$1,170,685
Series 2019c (San Marcos)	\$303,502	\$1,897,305	\$1,899,831	\$1,897,081	\$1,893,944	\$1,890,416
Series 2019d (Buda)	\$43,049	\$268,481	\$271,717	\$269,890	\$268,019	\$266,106
Series 2020a (CRWA)	\$0	\$640,000	\$1,890,000	\$1,890,000	\$1,890,000	\$1,890,000
Series 2020b (Kyle)	\$0	\$585,000	\$1,725,000	\$1,725,000	\$1,725,000	\$1,725,000
Series 2020c (San Marcos)	\$0	\$500,000	\$2,760,000	\$2,760,000	\$2,760,000	\$2,760,000
Series 2020d (Buda)	\$0	\$75,000	\$395,000	\$395,000	\$395,000	\$395,000
Series 2021a (CRWA)	\$0	\$0	\$250,000	\$625,000	\$625,000	\$625,000
Series 2021b (Kyle)	\$0	\$0	\$230,000	\$570,000	\$570,000	\$570,000
Series 2021c (San Marcos)	\$0	\$0	\$215,000	\$900,000	\$900,000	\$900,000
Series 2021d (Buda)	\$0	\$0	\$35,000	\$135,000	\$135,000	\$135,000
Total Expenditures	\$3,320,315	\$8,639,619	\$14,343,107	\$15,833,798	\$15,826,700	\$15,816,932
Revenues						
Sponsor Payments						
City of San Marcos	\$1,025,879	\$3,120,827	\$5,594,063	\$6,276,363	\$6,272,621	\$6,272,933
City of Kyle	\$999,779	\$2,393,615	\$3,763,267	\$4,102,179	\$4,105,361	\$4,097,755
City of Buda	\$143,252	\$448,159	\$805,771	\$903,224	\$900,545	\$897,752
Canyon Regional Water Authority	\$1,151,406	\$2,677,018	\$4,180,006	\$4,552,032	\$4,548,173	\$4,548,494
Total Sponsor Payments	\$3,320,315	\$8,639,619	\$14,343,107	\$15,833,798	\$15,826,700	\$15,816,932
Total Revenues	\$3,320,315	\$8,639,619	\$14,343,107	\$15,833,798	\$15,826,700	\$15,816,932
Net Sponsor Payments						
Sponsor Payments						
City of San Marcos	\$1,850,659	\$3,990,432	\$6,526,423	\$7,352,163	\$7,886,321	\$8,173,513
City of Kyle	\$1,647,689	\$3,076,738	\$4,495,687	\$4,947,279	\$5,373,011	\$5,590,765
City of Buda	\$739,175	\$1,050,432	\$1,427,641	\$1,567,304	\$1,129,145	\$1,166,992
Canyon Regional Water Authority	\$1,861,876	\$3,426,100	\$4,983,146	\$5,478,732	\$5,938,223	\$6,185,664
Total Net Sponsor Payments	\$6,099,398	\$11,543,702	\$17,432,897	\$19,345,478	\$20,326,700	\$21,116,932
Interest Income	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500
NET INCOME	\$280,650	\$92,280	\$105,820	-\$511,260	-\$716,050	-\$123,860
ENDING FUND BALANCE	\$2,182,530	\$2,274,810	\$2,380,630	\$1,869,370	\$1,153,320	\$1,029,460
	109.08%	103.34%	101.40%	55.15%	22.64%	19.42%

APPENDIX D

FY 2020-21 WATER SHARING BUDGET

**Alliance Regional Water Authority
APPENDIX D: FY 2020-21 WATER SHARING**

	Actual FY 2018/19	Amended) FY 2019/20	Estimated FY 2019/20	Proposed FY 2020/21
Ordinary Income/Expense				
Revenue				
Interim Water Revenue				
City of San Marcos	0.00	0.00	0.00	0.00
City of Kyle	0.00	0.00	0.00	0.00
City of Buda	357,871.00	456,020.00	447,228.00	479,083.12
Canyon Regional Water Authority	0.00	0.00	0.00	0.00
Total Interim Water Revenue	357,871.00	456,020.00	447,228.00	479,083.12
Total Operating Revenue	357,871.00	456,020.00	447,228.00	479,083.12
Total Funds Available	357,871.00	456,020.00	447,228.00	479,083.12
Expense				
Water Expenditures				
Payments for Shared Water				
City of San Marcos	150,535.00	165,336.00	167,580.00	165,336.00
City of Kyle	206,380.82	290,684.00	279,648.00	306,857.12
City of Buda	0.00	0.00	0.00	0.00
Canyon Regional Water Authority	0.00	0.00	0.00	0.00
Operations & Maintenance	0.00	0.00	0.00	6,890.00
Total Payments for Water	356,915.82	456,020.00	447,228.00	479,083.12
Phase 1A BPS O&M				0.00
Total Capital Expenditures	356,915.82	456,020.00	447,228.00	479,083.12

APPENDIX E

PROJECTED 5-YEAR CONTRIBUTIONS BY SPONSOR BY EXPENSE TYPE

Alliance Regional Water Authority
APPENDIX E: Projected 5-Yr Contributions for Buda by Type

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Operations	\$116,840	\$123,190	\$132,080	\$152,400	\$228,600	\$269,240
Debt Service	\$143,252	\$448,159	\$805,771	\$903,224	\$900,545	\$897,752
Water Sharing	\$456,020	\$479,083	\$489,790	\$511,680	\$0	\$0
Phase 1A Contributions	\$38,900	\$1,000	\$0	\$0	\$0	\$0
TOTAL	\$755,012	\$1,051,432	\$1,427,641	\$1,567,304	\$1,129,145	\$1,166,992

Projected 5-Yr Contributions for San Marcos by Type

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Operations	\$824,780	\$869,605	\$932,360	\$1,075,800	\$1,613,700	\$1,900,580
Debt Service	\$1,025,879	\$3,120,827	\$5,594,063	\$6,276,363	\$6,272,621	\$6,272,933
Phase 1A Contributions	\$274,300	\$7,200	\$0	\$0	\$0	\$0
TOTAL	\$2,124,959	\$3,997,632	\$6,526,423	\$7,352,163	\$7,886,321	\$8,173,513

Projected 5-Yr Contributions for Kyle by Type

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Operations	\$647,910	\$683,123	\$732,420	\$845,100	\$1,267,650	\$1,493,010
Debt Service	\$999,779	\$2,393,615	\$3,763,267	\$4,102,179	\$4,105,361	\$4,097,755
TOTAL	\$1,647,689	\$3,076,738	\$4,495,687	\$4,947,279	\$5,373,011	\$5,590,765

Projected 5-Yr Contributions for CRWA by Type

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Operations	\$710,470	\$749,083	\$803,140	\$926,700	\$1,390,050	\$1,637,170
Debt Service	\$1,151,406	\$2,677,018	\$4,180,006	\$4,552,032	\$4,548,173	\$4,548,494
TOTAL	\$1,861,876	\$3,426,100	\$4,983,146	\$5,478,732	\$5,938,223	\$6,185,664

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

- F.6** Update and possible direction to Staff regarding 2020 Sponsor water projections.
~ *Jason Biemer, Project Coordinator*
-

Background/Information

This exercise is used to help provide validation and determine production needs for the water treatment plant design, the pipelines and supporting structures. Additionally, this helps identify sponsors who may need to engage in water sharing to shore up their near-term needs.

- Began data update in March.
- Preliminary observations:
 - Several sponsors have increased their water demand projections over 2019.
 - No substantial increases or decreases have been noted at this time, but analysis is ongoing.
 - County Line SUD has indicated a desire to obtain 300-400 acre-feet per year of interim water.
- The only utility with excess capacity that is willing to share water with County Line SUD is San Marcos

Next Step(s)

- Staff will setup a meeting between San Marcos and County Line to finalize water needs and sharing.
- Staff will prepare draft agreements for the water sharing.

Technical Committee Decision Needed:

- Possible direction to Staff.

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

- F.7** Update on status of groundwater management in project target area, and Gonzales County Underground Water Conservation District, Plum Creek Conservation District, Groundwater Management Area 13, Region L Planning Group, Guadalupe-Blanco River Authority, Hays County and CAPCOG activities.
~ *Graham Moore, P.E., Executive Director*
-

Gonzales County Underground Water Conservation District (GCUWCD)

The GCUWCD is scheduled to meet on June 9th.

Plum Creek Conservation District (PCCD)

The PCCD is scheduled to meet on June 16th.

Groundwater Management Area 13

The next GMA-13 meeting is scheduled for Friday, June 26th – the agenda has not been released yet.

Region L Planning Group

No update.

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

No update.

Technical Committee decision needed:

- None.

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

- 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 June Board meeting will be held Virtually on Wednesday, July 22nd.

Consultant Invoices Paid

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

FY 19-20 CONSULTANT INVOICES PAID in JUNE 2020

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/Anomalies
Mark B. Taylor	\$17,500.00	\$0.00	\$12,895.00	74%	\$4,605.00	
LAN - Kyle/Buda Design	\$122,484.31	\$3,427.38	\$41,533.69	34%	\$80,950.62	
Patricia Ehrlinger Carls	\$25,000.00	\$0.00	\$13,267.19	53%	\$11,732.81	
RW Harden	\$40,000.00	\$0.00	\$12,129.25	30%	\$27,870.75	
Tx Solutions Group	\$72,000.00	\$6,000.00	\$54,000.00	75%	\$18,000.00	
BGE - Ph 1A CA	\$53,938.59	\$4,431.45	\$34,475.33	64%	\$19,463.26	
LAN - ROW Acquisition	\$32,110.04	\$0.00	\$0.00	0%	\$32,110.04	
Kent Alan Sick - ROW Legal	\$45,000.00	\$2,355.50	\$41,859.98	93%	\$3,140.02	
LNV - Ph 1A Observations	\$4,006.84	\$840.00	\$3,470.00	87%	\$536.84	
LNV - GIS Svcs	\$30,777.63	\$0.00	\$6,579.50	21%	\$24,198.13	
MLA Labs, Inc. - Pump Station	\$10,814.00	\$0.00	\$2,600.00	24%	\$8,214.00	
Armstrong, Vaughan & Associates, P.C.	\$10,715.00	\$0.00	\$10,715.00	100%	\$0.00	
J.R. Tolles & Associates, Inc.	\$189,985.00	\$17,876.00	\$147,066.00	77%	\$42,919.00	
Lloyd Gosselink Rochelle & Townsend	\$92,105.00	\$7,337.50	\$43,872.25	48%	\$48,232.75	
MLA Labs, Inc. - Segment B	\$13,118.00	\$0.00	\$5,225.00	40%	\$7,893.00	
Total	\$759,554.41	\$42,267.83	\$429,688.19		\$329,866.22	

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

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

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

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/ Anomalies
Kimley-Horn Ph 1B Owner's Rep WO3	\$1,372,351.19	\$0.00	\$1,364,772.77	99%	\$7,578.42	
Kimley-Horn Ph 1B Owner's Rep WO4	\$3,110,422.00	\$471,898.78	\$617,788.51	20%	\$2,492,633.49	
Blanton - Environmental	\$1,513,878.08	\$286,403.82	\$852,901.03	56%	\$660,977.05	
LAN - Segment A Prelim	\$182,524.80	\$882.45	\$65,632.00	36%	\$116,892.80	
LAN - Segment A Final	\$1,991,032.00	\$311,937.54	\$813,879.31	41%	\$1,177,152.69	
KFA - Segment B Prelim	\$118,202.94	\$4,894.75	\$100,306.75	85%	\$17,896.19	
KFA - Segment B Final	\$1,924,938.13	\$100,893.03	\$383,099.83	20%	\$1,541,838.30	
BGE - Segment C Prelim	\$196,631.20	\$10,414.64	\$160,054.32	81%	\$36,576.88	
BGE - Segment C Final	\$2,688,310.00	\$0.00	\$0.00	0%	\$2,688,310.00	
FNI - Segment D Prelim	\$73,867.86	\$0.00	\$10,334.20	14%	\$63,533.66	
FNI - Segment D Final	\$2,012,545.00	\$50,574.95	\$299,852.57	15%	\$1,712,692.43	
Walker - Segment E Prelim	\$283,489.60	\$80,283.55	\$178,867.60	63%	\$104,622.00	
LAN - ROW Acquisition	\$2,145,847.22	\$0.00	\$274,622.04	13%	\$1,871,225.18	
DTR&G	\$894,535.31	\$26,177.03	\$209,886.75	23%	\$684,648.56	
CBRE - Appraisals	\$2,291,500.00	\$0.00	\$283,250.00	12%	\$2,008,250.00	
CP&Y - Survey	\$2,019,932.20	\$84,944.05	\$713,039.20	35%	\$1,306,893.00	
RW Harden - WDH	\$28,420.00	\$8,800.00	\$28,420.00	100%	\$0.00	
LNV - RWI	\$1,063,283.45	\$114,550.83	\$471,446.60	44%	\$591,836.85	
Walker Partners - WTP Prelim Design	\$254,937.12	\$0.00	\$253,663.76	100%	\$1,273.36	
Walker Partners - WTP Final Design	\$2,900,402.00	\$410,278.66	\$716,750.05	25%	\$2,183,651.95	
FNI - BPS Prelim	\$283,282.88	\$25,286.06	\$282,545.13	100%	\$737.75	
FNI - BPS Final	\$1,753,196.00	\$52,218.02	\$119,723.05	7%	\$1,633,472.95	
Plummer - Inline Elevated Tank	\$87,509.05	\$0.00	\$28,479.58	33%	\$59,029.47	
Total	\$29,191,038.03	\$2,040,438.16	\$8,229,315.05		\$20,961,722.98	

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

Approved Change Orders

- See below for Change Orders approved in June 2020.

CHANGE ORDERS APPROVED IN JUNE 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
RW Harden - 1B Well Drilling & Hydrogeology	\$ 114,000.00	\$ 31,380.00	\$ -	\$ 145,380.00
Freese & Nichols: 1B BPS & DP Prelim	\$ 771,617.00	\$ 34,863.00	\$ -	\$ 806,480.00
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	\$ 77,000.00	\$ -	\$ 3,452,780.00
Freese & Nichols: 1B Segment D (Final)	\$ 1,999,464.00	\$ 13,081.00	\$ -	\$ 2,012,545.00
LAN: 1B Segment A Final Design	\$ 1,903,077.00	\$ 87,955.00	\$ -	\$ 1,991,032.00
Blanton & Assoc: Environmental Invest.	\$ 1,398,775.00	\$ 150,703.00	\$ -	\$ 2,305,369.00
K Friese & Assoc: 1B Seg B Final Design	\$ 1,830,994.00	\$ 93,944.13	\$ 48,756.00	\$ 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	\$ 132,636.00	\$ -	\$ 3,033,038.00
LNV: 1B Raw Water (Design)	\$ 1,418,700.00	\$ (65,800.00)	\$ (65,800.00)	\$ 1,352,900.00

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

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- H. COMMITTEE MEMBER ITEMS OR FUTURE AGENDA ITEMS – Possible acknowledgement by Committee Members of future area events and/or requests for item(s) to be placed on a future agenda where no action is required.
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Background/Information

The Committee Members have an opportunity to make announcements or to request that items be added to future Board or Committee agendas.

REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS

Wednesday, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

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, July 8th, 2020 at 3:00 P.M.

Conference Call Number: 1-903-405-2572; Code: 269 758 645#

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

- A. *Water supply partnership options*
 - B. *Groundwater leases*
 - C. *Acquisition of real property for water supply project purposes*
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REGULAR MEETING
Alliance Regional Water Authority Technical Committee

COMMITTEE MEMBER PACKETS
Wednesday, July 8th, 2020 at 3:00 P.M.
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J. ADJOURNMENT
