

**Alliance Regional Water Authority
Board of Directors**

REGULAR MEETING



ALLIANCE WATER

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.

San Marcos Activity Center
501 E. Hopkins, San Marcos, TX 78666

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

This Notice is posted pursuant to the Texas Open Meetings Act (Texas Government Code Chapter 551). The Alliance Regional Water Authority (the Authority) Board of Directors will hold a meeting at 3:00 PM, Wednesday, March 27, 2019, at the San Marcos Activity Center, 501 E. Hopkins, San Marcos, Texas 78666. Additional information can be obtained by calling Graham Moore at (512) 294-3214.

A. CALL TO ORDER

B. ROLL CALL

C. PUBLIC COMMENTS (3-minute time limit, each).

D. CONSENT AGENDA

The items included in the Consent Agenda portion of this meeting agenda can be considered and approved by the Board of Directors by one motion and vote. A Board member may request that an item included in the Consent Agenda be considered separately, in which event the Board of Directors will take action on the remaining Consent Agenda items and then consider the item removed from the Consent Agenda.

D.1 Consider approval of minutes of the Regular Meeting held February 27, 2019.
~ *Graham Moore, P.E., Executive Director*

D.2 Consider approval of the financial report for February 2019. ~ *Graham Moore, P.E., Executive Director*

E. PUBLIC HEARINGS / PRESENTATIONS

E.1 Presentation on the Preliminary Engineering Report for the ARWA Phase 1B Program. ~ *Ryan Sowa, P.E., Kimley-Horn & Associates.*

F. ITEMS FOR ACTION OR DISCUSSION/DIRECTION

F.1 Report on Technical Committee activities. ~ *Graham Moore, P.E., Executive Director*

F.2 Report on Administrative Committee activities. ~ *Graham Moore, P.E., Executive Director*

F.3 Report on public relations activities by Gap Strategies; discussion and direction to staff and consultants on future activities. ~ *Kara Buffington, Gap Strategies*

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- F.4 Update and discussion regarding the status of the Authority's Phase 1A projects, and direction to staff and consultants. ~ *Graham Moore, P.E., Executive Director*
- F.5 Update and discussion regarding the status of the Authority's Phase 1B program, and direction to staff and consultants. ~ *Graham Moore, P.E., Executive Director*
- F.6 Consider adoption of Resolution 2019-03-27-001 regarding acquiring easement interests for Crystal Clear SUD for the portion of Segment E that parallels planned Crystal Clear SUD infrastructure. ~ *Graham Moore, P.E., Executive Director*
- F.7 Discussion and possible direction to Staff regarding the use of water from the San Marcos Water Treatment Plant for startup and commissioning of the Phase 1B Infrastructure. ~ *Graham Moore, P.E., Executive Director*
- F.8 Discussion and possible direction to Staff regarding approval of an agreement with Guadalupe Valley Electric Cooperative for providing electrical service to the Phase 1B Water Treatment Plant and Well Field. ~ *Graham Moore, P.E., Executive Director*
- F.9 Consider adoption of Resolution 2019-03-27-002 making appointments to the Authority's Administrative Committee. ~ *Graham Moore, P.E., Executive Director*
- F.10 Discussion of legislative issues for the 86th Texas Legislature, and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*
- F.11 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 AND LEGAL COUNSEL REPORTS

H. BOARD MEMBER ITEMS OR FUTURE AGENDA ITEMS – no action to be taken.

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BOARD MEMBER PACKETS

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I. EXECUTIVE SESSION

- I.1 *Executive Session pursuant to the Government Code, Section 551.071 (Consultation with Attorney) and/or Section 551.072 and 551.073 (Real Property Deliberations) regarding:*
 - A. *Water supply partnership options*
 - B. *Groundwater leases*
 - C. *Acquisition of real property for water supply project purposes*

- I.2 Action from Executive Session on the following matters:
 - A. *Water supply partnership options*
 - B. *Groundwater leases*
 - C. *Acquisition of real property for water supply project purposes*
 - D. Consider adoption of Resolution 2019-02-27-005 authorizing and directing the Executive Director to initiate litigation to secure court orders to allow entry on real property in connection with the Phase 1B Program.
~ Mark B. Taylor, Legal Counsel

J. ADJOURNMENT

NOTE: *The Board of Directors 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 Board of Directors may also publicly discuss any item listed on the agenda for Executive Session.*

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A. CALL TO ORDER

No Backup Information for this Item.

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B. ROLL CALL

NAME	TERM ENDS	PRESENT
Mayor Jane Hughson – Vice-Chair (San Marcos)	April 2020	
Mike Taylor (CRWA - General Manager, Crystal Clear SUD)	April 2020	
Councilmember Daphne Tenorio (Kyle)	April 2021	
Kenneth Williams – Treasurer (Buda – City Manager)	April 2020	
Councilmember Mark Rockeymoore (San Marcos)	April 2019	
Humberto Ramos (CRWA – Water Resources Director)	April 2021	
James Earp – Secretary (Kyle – Assistant City Manager)	April 2021	
Tom Taggart (San Marcos – Executive Director of Public Services)	April 2021	
Chris Betz – Chair (CRWA - President, County Line SUD)	April 2019	
Councilmember Tracy Scheel (Kyle)	April 2021	
Jon Clack (San Marcos – Assistant Director of Public Services)	April 2019	
Pat Allen (CRWA - General Manager, Green Valley SUD)	April 2020	
Steve Parker (San Marcos – Assistant City Manager)	April 2019	

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C. PUBLIC COMMENTS (3-minute time limit, each)

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D. CONSENT AGENDA

Items D.1 and D.2 are presented as part of the consent agenda.

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D.1 Consider approval of minutes of the Regular Meeting held February 27, 2019. ~
Graham Moore, P.E., Executive Director

Attachment(s)

- 2019 02 27 Board Meeting Minutes

Board Decision(s) Needed:

- Approval of minutes.



ALLIANCE WATER

Alliance Regional Water Authority

BOARD MEETING

MINUTES

Wednesday, February 27, 2019

The following represents the actions taken by the Board of Directors of the Alliance Regional Water Authority (ARWA) in the order they occurred during the meeting. The Board of Directors convened in a meeting on Wednesday, February 27, 2019 at the San Marcos Activity Center, 501 E. Hopkins, San Marcos, Texas.

- A. CALL TO ORDER.
The Alliance Water Board Meeting was called to order at 3:04 p.m. by Mr. Betz.

- B. ROLL CALL.
 - **Present: Taylor, Tenorio, Rockeymoore, Ramos, Earp, Taggart, Betz, Scheel, Clack and Allen with Hughson joining in Item G.4.**
 - **Absent: Williams & Parker.**

- C. SEATING OF NEWLY APPOINTED DIRECTORS
 - C.1 Oath of Office and swearing in of Directors
 - **Oath of Office was administered to Tenorio, Rockeymoore & Scheel.**

- D. PUBLIC COMMENTS
 - **None.**

- E. CONSENT AGENDA
 - E.1 Consider approval of minutes of the Regular Meeting held January 23, 2019.
 - E.2 Consider approval of financial report for January 2019.
 - **Motion to approve the consent agenda as presented was made by Mr. Taylor, seconded by Mr. Ramos and approved on a 10-0 vote.**

F. PUBLIC HEARINGS / PRESENTATIONS

F.1 None.

G. ITEMS FOR ACTION OR DISCUSSION/DIRECTION

G.1 Report on Technical Committee activities.

- **Mr. Moore provided a report.**
- **No Action.**

G.2 Report on Administrative Committee activities.

- **Mr. Moore provided a report.**
- **No Action.**

G.3 Report on public relations activities by Gap Strategies; discussion and direction to staff and consultants on future activities.

- **Jeff Barton with Gap Strategies attended the meeting. Gap Strategies provided typical social media postings, search engine optimization of the new project website, posted the landowner bill of rights and updated the FAQ section.**
- **No Action.**

G.4 Update and discussion regarding the status of the Authority's Phase 1A projects, and direction to staff and consultants.

- **Mr. Moore and Mr. Biemer provided updates.**
- **No Action.**

G.5 Consider adoption of Resolution 2019-02-27-001 approving a change order with Black Castle General Contractor for the Phase 1A Booster Pump Station project.

- **Mr. Moore discussed the background and need for the proposed change order #1 for the project.**
- **Motion to approve Resolution 2019-02-27-001 approving a change order with Black Castle General Contractor for the Phase 1a Booster Pump Station project as presented was made by Mr. Taylor, seconded by Ms. Tenorio and approved on a 11-0 vote.**

- G.6 Update and discussion regarding the status of the Authority's Phase 1B program, and direction to staff and consultants.
- **Mr. Moore and Mr. Sowa provided updates on the Authority's Phase 1B program.**
 - **No Action.**
- G.7 Consider adoption of Resolution 2019-02-27-002 approving Work Order #3 with Kimley-Horn & Associates, Inc. for Owner's Representative Services associated with the Authority's Phase 1B Program.
- **Motion to adopt Resolution 2019-02-27-002 approving Work Order #3 with Kimley-Horn & Associates, Inc. for Owner's Representative Services as presented was made by Mr. Ramos, seconded by Ms. Tenorio and approved on a 11-0 vote.**
- G.8 Consider adoption of Resolution 2019-02-27-003 approving a construction contract with Roland Landscaping and Fence Building for the Authority's Phase 1B Booster Pump Station Fence project.
- **Mr. Taylor noted that cattle are currently on the property and he wants to be sure that the new fence is protected and will not be pushed down by the cattle.**
 - **Motion to adopt Resolution 2019-02-27-003 a construction contract with Roland Landscaping and Fence Building for the Authority's Phase 1B Booster Pump Station Fence project provided the fence is protected from cattle on the property was made by Ms. Tenorio, seconded by Ms. Hughson and approved on a 11-0 vote.**
- G.9 Consider adoption of Resolution 2019-02-27-004 approving the use of Construction Manager-at-Risk procurement method for the Authority's Administration and Operations Facility as recommended by the Technical Committee.
- **Mr. Moore presented the information in the packet.**
 - **Mr. Earp inquired as to options for deferring until later.**
 - **Mr. Moore noted that it is possible to defer, but that Staff will increasingly need locations for meetings as the Phase 1B program and construction continues forward and therefore some cost for temporary spaces could be expected.**
 - **Mr. Taggart noted that he is concerned about delaying further and incurring other costs such as increasing materials costs, etc. and that the Board can always choose not start construction later after design commences.**
 - **Motion to adopt Resolution 2019-02-27-004 approving the use of CMAR procurement method for the Authority's Administration and Operations Facility as presented was made by Mr. Ramos, seconded by Mr. Earp and approved on a 11-0 vote.**

- G.10 Update, discussion and possible direction to Staff regarding the anticipated 2019 SWIFT Issuances through the Texas Water Development Board. ~ *Graham Moore, P.E., Executive Director*
- **Mr. Moore provided an update.**
 - **No Action.**
- G.11 Discussion and possible direction to Staff regarding permitting of additional wells with the Gonzales County Underground Water Conservation District. ~ *Graham Moore, P.E., Executive Director*
- **Mr. Moore discussed the information in the packet.**
 - **Staff was directed to submit a new permit to the Gonzales County Underground Conservation District for the Authority's remaining unpermitted water rights.**
- G.12 Discussion and possible direction to Staff regarding the Authority's Legislative Agenda for the upcoming 86th Texas Legislative Session.
- **Mr. Moore provided an update on the current bills filed.**
 - **No Action.**
- G.13 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 area water meetings.**
 - **No Action.**
- H. EXECUTIVE DIRECTOR AND LEGAL COUNSEL REPORTS
- **Mr. Moore provided updates on the items in the packet.**
 - **No action.**
- I. BOARD MEMBER ITEMS OR FUTURE AGENDA ITEMS
- **None.**
- J.1 The Board recessed into Executive Session at 4:31 p.m. pursuant of the Government Code, Section 551.071, to seek the General Counsel's advice regarding matters involving attorney-client privilege, and Sections 551.072 and 551.073, to discuss water supply project partnership options and real property deliberations. The Board ended the Executive Session at 4:50 p.m. at which time it resumed with the regular session.

- J.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.**
 - D. Consider adoption of Resolution 2019-02-27-005 authorizing and directing the Executive Director to initiate litigation to secure court orders to allow entry on real property in connection with the Phase 1B Program. ~ *Mark B. Taylor, Legal Counsel*
 - **Motion to adopt Resolution 2019-02-27-005 authorizing and directing the Executive Director to initiate litigation to secure court orders to allow entry on real property in connection with the Phase 1B Program as presented was made by Ms. Tenorio, seconded by Mr. Taggart and approved on a 11-0 vote.**
- K. ADJOURNMENT
- **Meeting was adjourned at 4:51 p.m. based on the motion by Ms. Tenorio, seconded by Ms. Hughson on a 11-0 vote.**

APPROVED: _____, 2019

ATTEST:

Chair, Board of Directors

Secretary, Board of Directors

REGULAR MEETING
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Wednesday, March 27, 2019 at 3:00 P.M.
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D.2 Consider approval of the financial report for February 2019. ~ *Graham Moore, P.E., Executive Director*

Background/Information

Attached is the financial report for February 2019.

Attachment(s)

- 2019 02 28 Financial Report

Board Decision(s) Needed:

- Approval of the financial report for February 2019.



Alliance Regional Water Authority

**Financial Statements
(Compilation)**

**For the One Month Ended and Year-to-Date
February 28, 2019**

Alliance Regional Water Authority

Balance Sheet

As of February 28, 2019

03/15/19

Accrual Basis

	<u>Feb 28, 19</u>
ASSETS	
Current Assets	
Checking/Savings	
1004 · Broadway Bank	
1005 · Broadway Checking (8040)	-424,647.79
1010 · Broadway Savings (4415)	1,856,233.57
Total 1004 · Broadway Bank	1,431,585.78
1015 · TexStar (3310)	3,387,083.82
1050 · Broadway Bank (Reserved)	
1051 · CRWA Debt Service (2785)	113,899.52
1052 · Kyle Debt Service (2787)	74,185.53
1055 · San Marcos Debt Service (6390)	129,305.27
1056 · Buda Debt Service (6391)	19,146.63
Total 1050 · Broadway Bank (Reserved)	336,536.95
1100 · Escrow Accounts	
1105 · BOKF, Escrow, CRWA Series 2015A	1,342,108.91
1106 · BOKF, Escrow, Kyle Series 2015B	1,216,538.45
1107 · BOKF, Escrow, CRWA Series 2017A	7,370,825.06
1108 · BOKF, Escrow, Kyle Series 2017B	6,718,146.03
1109 · BOKF, Escrow, SM Series 2017C	8,589,693.85
1110 · BOKF, Escrow, Buda Series 2017D	1,195,309.92
Total 1100 · Escrow Accounts	26,432,622.22
Total Checking/Savings	31,587,828.77
Accounts Receivable	
1209 · Accts receivable, City of SM	101,400.38
1210 · Accts receivable, City of Buda	14,364.58
Total Accounts Receivable	115,764.96
Total Current Assets	31,703,593.73
Fixed Assets	
1405 · Engineering & Construction Cost	2,402,294.20
1420 · Projects in Progress (Cash)	
1420-01 · Legal Support	39,573.11
1420-02 · Hydrogeologic Support	132,409.80
1420-03 · PCCD Permitting	105,095.16
1420-04 · Kyle Water Model	25,000.00
1420-11 · Legal Support, GBRA	45,251.01
Total 1420 · Projects in Progress (Cash)	347,329.08
1430 · Projects in Progress Eng (Cash)	
1430-02 · Engineering - Plumbing Plan	17,663.79
1430-03 · Engineering Fees-ROW	11,594.69
1430-05 · Engineering - Rate Study	34,635.00
1430-06 · DPR Study	59,880.00
1430-07 · Alignment Study	261,120.80
1430-08 · Prelim Engineering-Well Field	65,586.00
1430-09 · GCUWCD Monitoring Wells	91,235.12
1430-10 · 2017 SWIFT Funding Apps	23,107.96
1430-11 · Blanco Basin WW	41,880.00
1430-12 · Phase 1B Programming	107,761.14
1430-13 · ARWA-GBRA MOU Study	15,000.00
1430-14 · Phase 1A GIS	24,733.62
Total 1430 · Projects in Progress Eng (Cash)	754,198.12

Alliance Regional Water Authority

Balance Sheet

As of February 28, 2019

03/15/19

Accrual Basis

	<u>Feb 28, 19</u>
1440 · Projects in Prog Eng. (Finance)	
1440-01 · Engineering-Phase 1A Pipeline	452,694.80
1440-02 · Engineering-Phase 1A Pump Stat	600,437.58
1440-03 · Engineering-ROW Acquisition	252,776.01
1440-04 · Phase 1A Const Observation	244,636.91
1440-05 · Phase 1A-Construction Trailer	31,106.42
1440-06 · Phase 1A Segment A Construction	1,734,150.32
1440-07 · Phase 1A BPS Construction	1,175,345.06
1440-15 · Land Acquisition Phase 1B	3,405,374.94
1440-16 · Phase 1B-Owners Rep	1,465,399.16
1440-17 · Phase 1B Environmental	275,403.58
1440-18 · Phase 1B Segment A Design	235,903.70
1440-19 · Phase 1B Segment B Design	218,928.32
1440-20 · Phase 1B Segment C Design	220,368.02
1440-21 · Phase 1B Segment D Design	301,405.02
1440-22 · Phase 1B Segment E Design	183,585.30
1440-23 · Phase 1B Land Attorney	32,426.99
1440-24 · Phase 1B Hydrogeology	71,400.00
1440-25 · Phase 1B WTP Design	82,118.25
1440-26 · Raw Water Infr.	72,644.75
1440-27 · Phase 1B Program Survey	361,039.05
Total 1440 · Projects in Prog Eng. (Finance)	11,417,144.18
1447 · Land & Easements	902,215.70
1448 · Capitalized Interest	
1448-51 · Cap Interest, CRWA Series 2015A	152,369.03
1448-52 · Cap Interest, Kyle Series 2015B	222,143.28
1448-53 · Cap Interest, CRWA Series 2017A	127,269.80
1448-54 · Cap Interest, Kyle Series 2017B	116,100.88
1448-55 · Cap Interest, SM Series 2017C	65,904.35
1448-56 · Cap Interest, Buda Series 2017D	9,576.21
Total 1448 · Capitalized Interest	693,363.55
1505 · Landowner Bonus Payments	1,043,191.83
1510 · GrWater Lease Acquisition Costs	1,004,905.76
1599 · Accumulated Amortization	-1,884,688.52
Total Fixed Assets	16,679,953.90
Other Assets	
1900 · Deferred Outflow	12,740.77
Total Other Assets	12,740.77
TOTAL ASSETS	48,396,288.40
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
2100 · Payroll Liabilities	324.00
2102 · 401(a) Liability	2,200.08
2103 · Net Pension Liability	167.00
2104 · Pension Deferred Inflows	707.00
2300 · Accrued Costs	448,141.31

Alliance Regional Water Authority

Balance Sheet

As of February 28, 2019

03/15/19

Accrual Basis

	Feb 28, 19
2350 · Accrued Interest Payable	
2351 · Accrued Int Payable, CRWA 2015A	2,663.27
2352 · Accrued Int Payable, Kyle 2015B	3,658.60
2353 · Accrued Int Payable, CRWA 2017A	9,909.00
2354 · Accrued Int Payable, Kyle 2017B	9,036.81
2355 · Accrued Int Payable, SM 2017C	7,530.79
2356 · Accrued Int Payable, Buda 2017D	1,069.81
Total 2350 · Accrued Interest Payable	33,868.28
Total Other Current Liabilities	485,407.67
Total Current Liabilities	485,407.67
Long Term Liabilities	
2501 · Bond Payable, CRWA Series 2015A	3,590,000.00
2502 · Bond Payable, Kyle Series 2015B	3,350,000.00
2503 · Bond Payable, CRWA Series 2017A	9,865,000.00
2504 · Bond Payable, Kyle Series 2017B	8,995,000.00
2505 · Bond Payable, SM Series 2017C	11,450,000.00
2506 · Bond Payable, Buda Series 2017D	1,625,000.00
Total Long Term Liabilities	38,875,000.00
Total Liabilities	39,360,407.67
Equity	
2900 · Opening Bal Equity	-0.03
2925 · Net Investment in Capital Asset	2,335,322.00
2950 · Retained Earnings	5,549,094.06
Net Income	1,151,464.70
Total Equity	9,035,880.73
TOTAL LIABILITIES & EQUITY	48,396,288.40

Alliance Regional Water Authority Profit Loss

For the One Month and Five Months Ended February 28, 2019

	<u>February 2019</u>	<u>October 2018 February 2019</u>
Ordinary Income/Expense		
Income		
4010 · Project Contribution		
4011 · City of San Marcos	0.00	669,787.09
4012 · City of Kyle	108,057.08	432,228.35
4013 · City of Buda	33,397.31	94,527.06
4014 · Canyon Regional Water Authority	122,720.84	490,883.36
4015 · GBRA	467,042.39	467,042.39
Total 4010 · Project Contribution	<u>731,217.62</u>	<u>2,154,468.25</u>
4200 · Shared Water		
4210 · Shared Water, City of Buda	36,120.00	176,805.00
Total 4200 · Shared Water	<u>36,120.00</u>	<u>176,805.00</u>
4250 · Non Potable Water Sales	3,176.68	3,176.68
4300 · Broadway Interest Income		
4311 · City of San Marcos	479.19	1,577.38
4312 · City of Kyle	357.71	1,228.38
4313 · City of Buda	66.24	221.35
4314 · Canyon Regional Water Authority	397.12	1,360.54
Total 4300 · Broadway Interest Income	<u>1,300.26</u>	<u>4,387.65</u>
4350 · Escrow Accounts Income		
4351 · BOKF, CRWA Series 2015A	2,461.67	16,400.35
4352 · BOKF, Kyle Series 2015B	2,231.34	14,896.47
4353 · BOKF, CRWA Series 2017A	11,831.94	52,284.23
4354 · BOKF, Kyle Series 2017B	10,784.23	47,654.52
4355 · BOKF, SM Series 2017C	13,788.52	60,930.19
4356 · BOKF, Buda Series 2017D	1,918.76	8,478.81
Total 4350 · Escrow Accounts Income	<u>43,016.46</u>	<u>200,644.57</u>
4370 · TexStar Interest Income		
4371 · City of San Marcos	2,232.17	9,327.56
4372 · City of Kyle	1,753.49	7,327.31
4373 · City of Buda	316.21	1,321.36
4374 · Canyon Regional Water Authority	1,922.80	8,034.82
Total 4370 · TexStar Interest Income	<u>6,224.67</u>	<u>26,011.05</u>
Total Income	<u>821,055.69</u>	<u>2,565,493.20</u>
Expenses		
6000 · Groundwater Reservation Costs	72,113.14	545,822.84
6010 · Shared Water Costs		
6015 · Shared Water, City of Kyle	22,348.56	89,577.37
6020 · Shared Water, City of San Marcos	13,778.00	55,112.00
Total 6010 · Shared Water Costs	<u>36,126.56</u>	<u>144,689.37</u>
7125 · Auditing fees	10,505.00	10,505.00
7150 · Amortization Expense	17,067.49	85,337.45
7210 · Bank Fees	73.51	318.48
7220 · Escrow and Paying Agent Fees	1,050.00	1,050.00

Alliance Regional Water Authority Profit Loss

For the One Month and Five Months Ended February 28, 2019

	<u>February 2019</u>	<u>October 2018 February 2019</u>
7250 · Interest Expense		
7250-51 · Interest Expense - CRWA 2015A	5,326.55	26,632.71
7250-52 · Interest Expense - Kyle 2015B	7,317.25	36,586.05
7250-53 · Interest Expense - CRWA 2017A	19,818.00	99,090.00
7250-54 · Interest Expense - Kyle 2017B	18,073.65	90,368.13
7250-55 · Interest Expense - SM 2017C	15,061.60	75,307.92
7250-56 · Interest Expense - Buda 2017D	2,139.65	10,698.13
Total 7250 · Interest Expense	<u>67,736.70</u>	<u>338,682.94</u>
7325 · Dues	0.00	5,280.00
7350 · Insurance - Liability, E&O	0.00	3,172.56
7400 · Legal Fees	9,385.00	32,315.00
7425 · Contract Services-Lobbyist	6,000.00	30,000.00
7430 · Agency Mgmt Public Relations	3,976.00	13,253.50
7440 · Region L Contributions	0.00	462.02
7450 · Permit & Fees	0.00	68,670.95
7500 · Supplies	756.68	1,989.84
7530 · Printing & Copying	0.00	60.79
7600 · Telephone, Telecommunications	225.00	1,125.00
7700 · Travel, Conferences & Meetings	282.84	905.24
7800 · Employee Expenses		
7810 · Salaries and wages	18,868.54	103,776.97
7820 · Auto Allowance	784.62	4,315.41
7830 · Payroll taxes	1,535.21	6,583.62
7840 · Employee Insurance	1,771.73	8,799.98
7850 · Retirement	1,256.64	6,911.54
Total 7800 · Employee Expenses	<u>24,216.74</u>	<u>130,387.52</u>
Total Expenses	<u>249,514.66</u>	<u>1,414,028.50</u>
Net Ordinary Income	<u>571,541.03</u>	<u>1,151,464.70</u>
Net Income	<u><u>571,541.03</u></u>	<u><u>1,151,464.70</u></u>

Alliance Regional Water Authority
Broadway Bank VISA Debit Card Transactions
February 28, 2019

Type	Date	Name	Split	Amount	Balance
2005 · Broadway Bank Visa Card					0.00
Credit Card Charge	02/01/2019	USPS	7500 · Supplies	66.00	66.00
Credit Card Charge	02/01/2019	Stamps Com	7500 · Supplies	15.99	81.99
Credit Card Charge	02/04/2019	Playa Cancun Mexica	7700 · Travel, Conferences & Me...	48.81	130.80
Credit Card Charge	02/05/2019	Microsoft	7500 · Supplies	10.66	141.46
Credit Card Charge	02/05/2019	Microsoft	7500 · Supplies	26.95	168.41
Credit Card Charge	02/05/2019	MLA Labs, Inc.	1440-07 · Phase 1A BPS Constr...	1,154.00	1,322.41
Credit Card Charge	02/11/2019	Railyard Bar & Grill	7700 · Travel, Conferences & Me...	21.26	1,343.67
Credit Card Charge	02/12/2019	USPS	7500 · Supplies	8.80	1,352.47
Credit Card Charge	02/12/2019	Office Depot	7500 · Supplies	207.47	1,559.94
Credit Card Charge	02/12/2019	UPS Store	7500 · Supplies	6.00	1,565.94
Credit Card Charge	02/12/2019	MLA Labs, Inc.	1440-07 · Phase 1A BPS Constr...	254.00	1,819.94
Credit Card Charge	02/12/2019	We Rent	1440-05 · Phase 1A-Constructio...	1,054.34	2,874.28
Credit Card Charge	02/13/2019	Williams Scotsman	1440-05 · Phase 1A-Constructio...	420.95	3,295.23
Credit Card Charge	02/13/2019	Johnny Carinos	7700 · Travel, Conferences & Me...	19.09	3,314.32
Credit Card Charge	02/13/2019	United Site Service	1440-05 · Phase 1A-Constructio...	278.34	3,592.66
Credit Card Charge	02/13/2019	Jason's Deli	7700 · Travel, Conferences & Me...	90.81	3,683.47
Credit Card Charge	02/19/2019	Jaliscos	7700 · Travel, Conferences & Me...	27.62	3,711.09
Credit Card Charge	02/21/2019	C R Surf & Turf	7700 · Travel, Conferences & Me...	75.25	3,786.34
Check	02/28/2019	Broadway	1005 · Broadway Checking (8040)	-3,786.34	0.00
Total 2005 · Broadway Bank Visa Card				0.00	0.00
TOTAL				0.00	0.00

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- E.1** Presentation on the Preliminary Engineering Report for the ARWA Phase 1B Program. ~ *Ryan Sowa, P.E., Kimley-Horn & Associates*
-

Background/Information

Attached is a presentation providing an overview of the Preliminary Engineering Report for the Alliance Water Phase 1B Program.

Attachment(s)

- PER Presentation 2019-03-27

Board Decision(s) Needed:

- None.

1

Alliance Water

Draft ARWA-Only PER Summary

Board of Directors Meeting
March 27, 2019

2

ARWA-Only PER Objectives

- Include ARWA-only Infrastructure
- Identify Combined and Separate Infrastructure
- Develop Conceptual Designs for Infrastructure
- Provide Preliminary Opinions of Probable Cost
- Provide Allocation of Projected Costs between ARWA and GBRA
- Develop Project Schedule

Summary of Combined Program Infrastructure

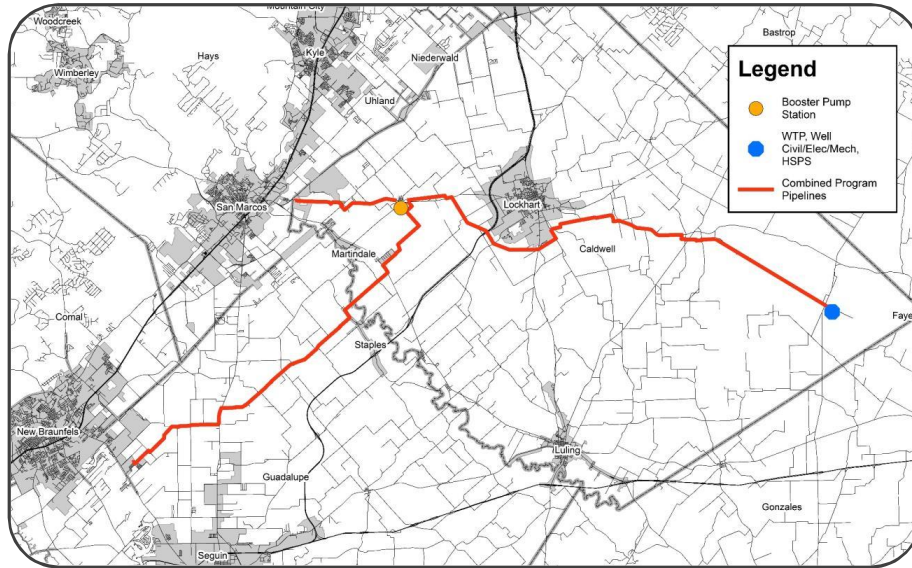


Figure 4: Combined Program Infrastructure

Summary of ARWA-Only Infrastructure

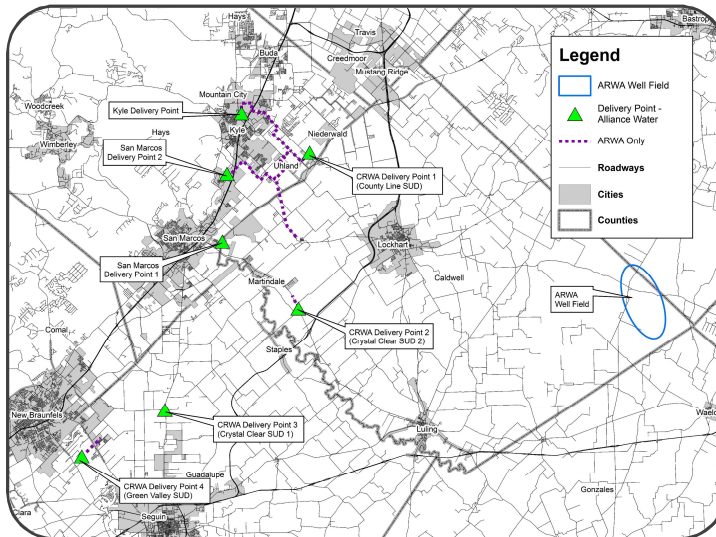


Figure 5: ARWA-Only Infrastructure

Summary of ARWA/GBRA Infrastructure

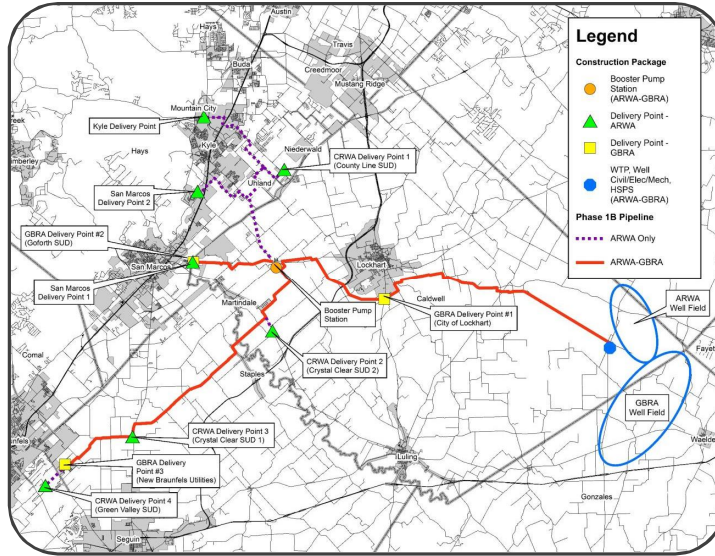
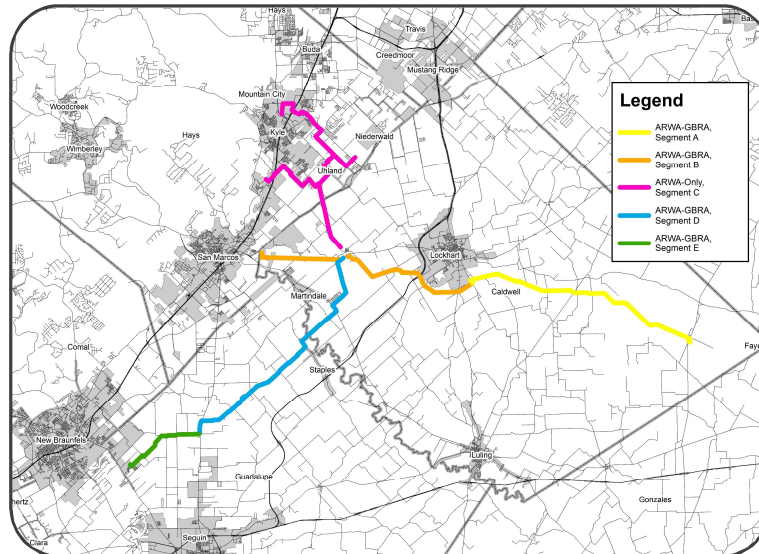


Figure 1: Proposed ARWA and GBRA Water Supply Infrastructure

Summary of Pipeline Segments



Phase 1B Program Pipeline Segments

Summary of Demands

Table 1: Combined Program Demands (Phase 1B)

Delivery Point	Base Flow (ac-ft/yr)	Base Flow (gpm)	x Peaking Factor	Peak Flow (ac-ft/yr)	Peak Flow (gpm)
ARWA	6,872	4,260	1.5	10,308	6,391
GBRA	15,000	9,300	-	15,000	9,300
Combined Program Total	21,872	13,560	1.5	25,308	15,691

Table 2: Demand Projections by Phase

Agency	Phase 1B		Phase 1C		Phase 1D		Phase 2	
	Phase Peak Demand (ac-ft/yr)	Total Peak Demand (ac-ft/yr)	Phase Peak Demand (ac-ft/yr)	Total Peak Demand (ac-ft/yr)	Phase Peak Demand (ac-ft/yr)	Total Peak Demand (ac-ft/yr)	Phase Peak Demand (ac-ft/yr)	Total Peak Demand (ac-ft/yr)
ARWA	10,308 ^a	10,308	7,648 ^a	17,957	4,530 ^a	22,500 ^b	43,704	66,204
GBRA	15,000	15,000	---	15,000	---	15,000	---	15,000
Total Demand	25,308	25,308	7,648	32,957	4,530	37,500	43,704	81,204

^a Taken from *Alliance Regional Water Authority Carrizo Aquifer Well Field – Initial Phase Report* (LNV), July 2018.

^b Value is rounded.

Infrastructure Sizing Criteria

Table 6: Summary of Phase 1B Design Criteria

Component	ARWA Sizing Criteria	GBRA Sizing Criteria
Pipeline Leg 1 (WTP to BPS)	Phase 1 Capacity ^a	Full Capacity
Pipeline Leg 2 (BPS to San Marcos and Goforth SUD Delivery Points)	Phase 2 Capacity	Full Capacity
Pipeline Leg 3 (BPS to CRWA and NBU Delivery Points)	Phase 2 Capacity	Full Capacity
WTP	Phase 1B Capacity (Expandable through Phase 2) ^b	Full Capacity
BPS	Phase 1B Capacity (Expandable through Phase 2) ^b	Full Capacity

^a Phase 1 Capacity includes capacity for Phase 1B, Phase 1C, and Phase 1D demands.

^b The WTP and BPS are expandable for Phase 1C, Phase 1D, and Phase 2.

Hydraulics

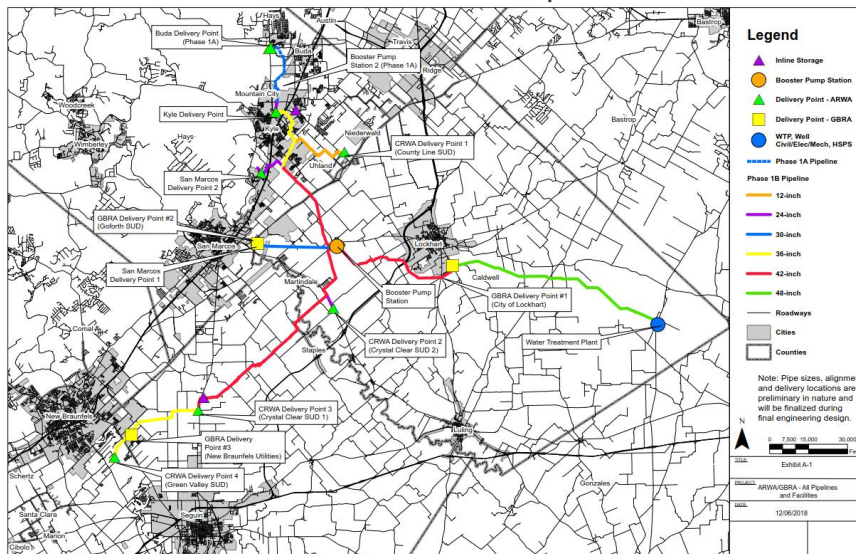
• System Hydraulic Goals

- Provide customer requested peak water demands
- Maintain water quality by decreasing water detention times
- Keep the system simple by minimizing mechanical means to control operational pressures

9

Hydraulics

Treated Transmission Mains Proposed Diameters

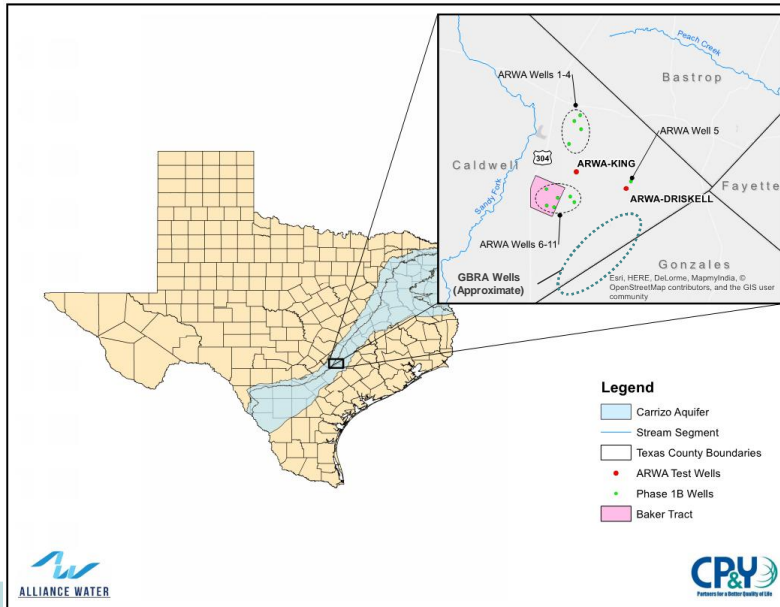


10

Easement Summary

	Segment A	Segment B	Segment C	Segment D	Segment E
# of Impacted Properties	45	65	105	95	35
Typical Easement Width (Feet)	90	90	60	90	90
Approximate Area of Easement Required (Acres)	189	168	154	230	69

Wellfield and Water Treatment Plant



Wellfield/Raw Water Infrastructure (ARWA-Only)

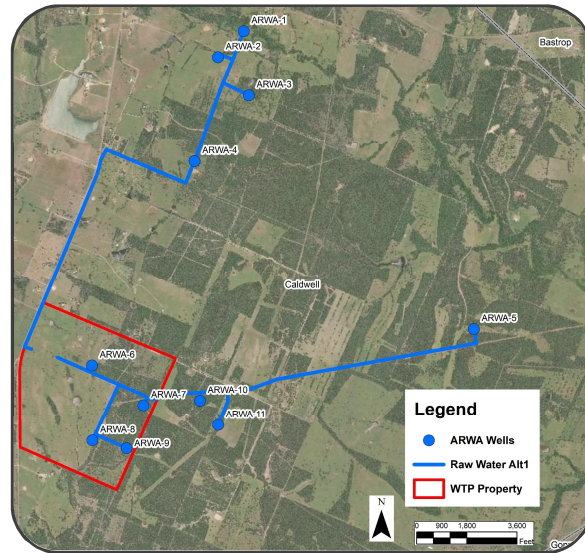


Figure 35: Raw Water Infrastructure Routes

Wellfield

- Phase 1B – Wells 6, 7, 8, and 9;
- Phase 1C – Wells 1, 2, 3, and 4; and
- Phase 1D – Well 5
- Wells 10 and 11 as necessary

Raw Water Infrastructure

- Well Pump, Valves, Meter
- Electrical/SCADA
- Raw Water Pipeline
- Access Road

Water Treatment Plant - Raw Water Quality

- Raw Water does not exceed Primary MCLs by TCEQ
- Iron, Manganese concentrations and pH are outside the recommended secondary standards by TCEQ
- Low buffer capacity (alkalinity), >50 mg/L desired

Parameter	Driskell Well	King Well	Secondary Standard by TCEQ
Iron, Total (mg/L)	7.70	2.62	< 0.3
Manganese, Total (mg/L)	0.191	0.0725	< 0.05
pH	6.47	5.79	> 7.0
Alkalinity (mg/L as CaCO ₃)	28.9	15.2	

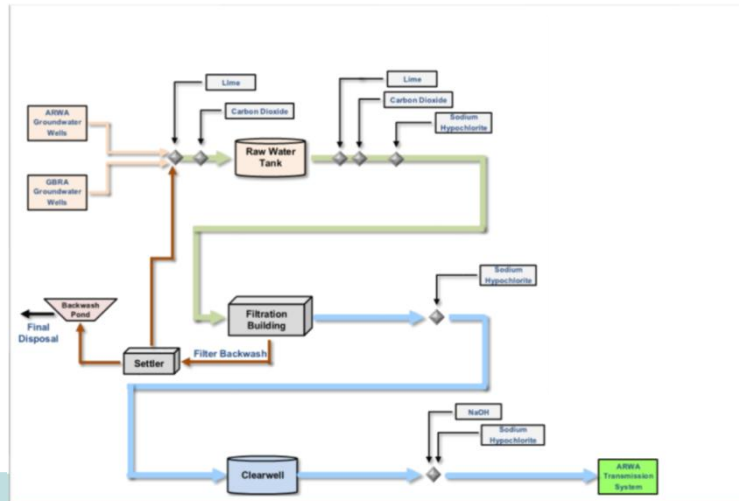
Raw Water Quality

- The raw water is considered corrosive

Water Stability Output ^b	Driskell Well	King Well	TCEQ Grading Criteria		
			Non-Corrosive Range	Slightly Corrosive	Corrosive
Langelier Saturation Index (LSI)	-2.22	-3.36	LI ≥ -0.25	-0.25 > LI ≥ -1.0	LI < -1.0
Ryznar Index (RI)	11	13	RI < 7	7 ≤ RI ≤ 8.5	RI > 8.5
Aggressiveness Index (AI)	9.4	8.3	AI ≥ 12	10 ≤ AI < 12	AI < 10
Water Stability Result	Corrosive	Corrosive			

Proposed Treatment

- Oxidation + Filtration for Iron and Manganese Removal
- Lime (CaCO_3) + Carbon Dioxide (CO_2) for Stability



Finished Water Recommendations

Parameter	Unit	ARWA Target Range	Stakeholder's Range	Acceptable Range
pH	standard unit	7.8–8.2	7.13-7.41	>7.0
Alkalinity, Total	mg/L as CaCO_3	100–120	184-225	>50
Calcium	mg/L as CaCO_3	100–125	135-184	>50
Langelier Saturation Index (LI)		0.4–0.5	0.18-0.84	>0
Ryznar Index (RI)		7.4–7.5	6.1-7.0	<7
Aggressiveness Index (AI)		12.2–12.3	11.9-12.5	>12
Water Stability Result		Non-Corrosive	Non-Corrosive	

Booster Pump Station (BPS)

- Three discharge systems:
 - BPS to Green Valley
 - BPS to San Marcos – gravity with PRV interconnection
 - BPS to Kyle/Buda – not part of the Combined Program

BPS

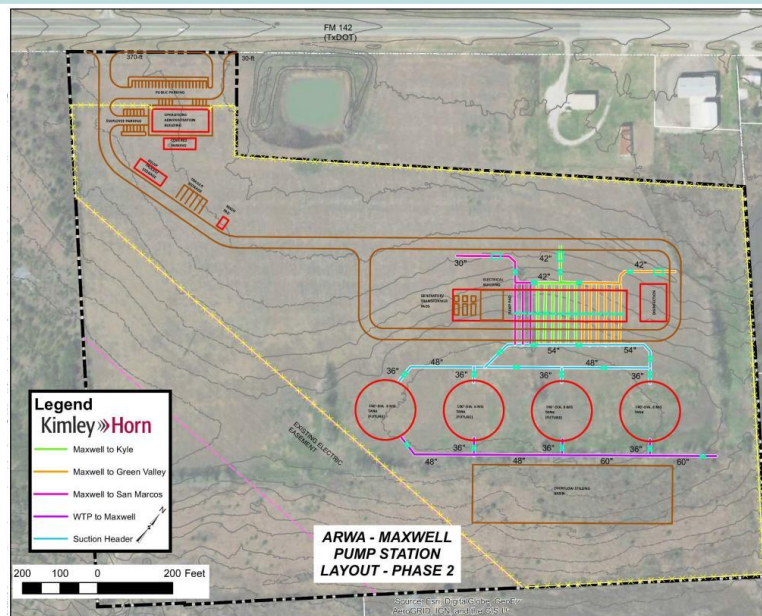


Figure 35: BPS Layout - Phase 2

BPS

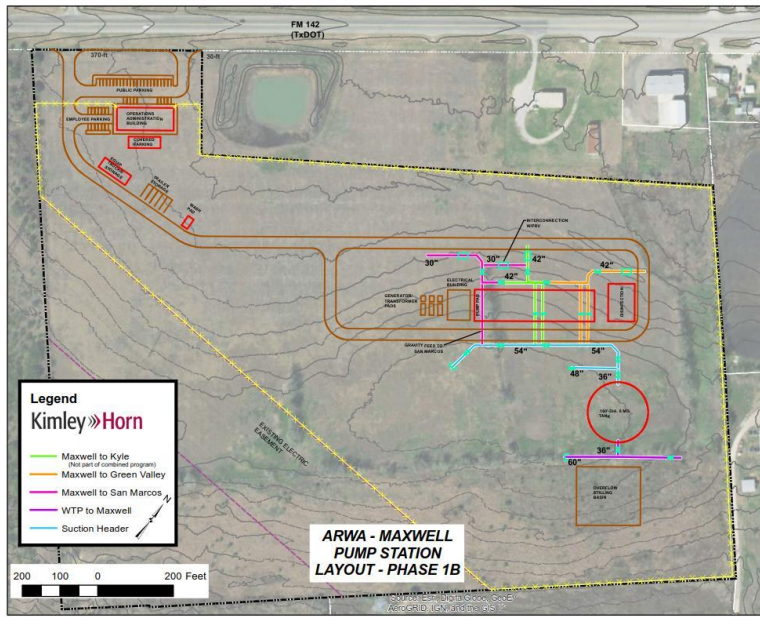
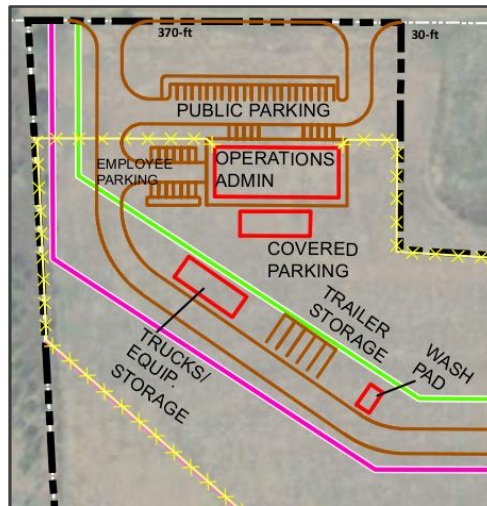


Figure 36: BPS Site Layout – Phase 1B

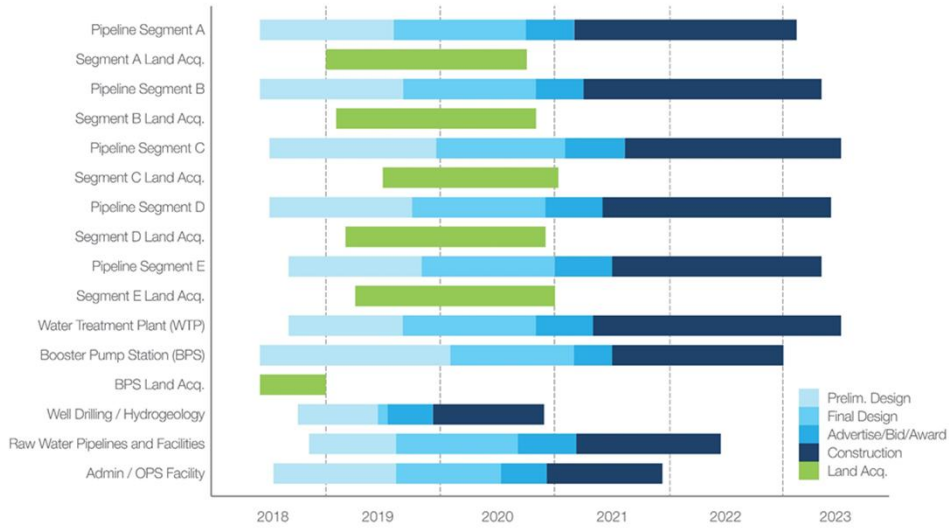
Administration and Operations Building (ARWA-Only)



Administration and Operations Building

- Administration and Operations Building
- Property Perimeter Fencing
- Driveway
- Public and Employee Parking

Schedule



Schedule

- **Key Schedule Items to Consider**

- Construction sequencing considerations, such as when the treatment plant will need to be operational as well as how the transmission pipelines will be tested, will need to be explored further as design progresses.
- The WTP is the longest lead project, with the longest construction duration.
- The land acquisition associated with the pipelines could be the most significant risk associated with schedule.

Questions?



Kimley»Horn



ALLIANCE WATER

Opinions of Cost

- **Construction Cost Development**
 - Contractor input on pipeline installation costs
 - Pipeline material manufacturer input on pipeline costs
 - Average unit price lists from surrounding entities
 - Recent project experience

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**

Opinions of Cost

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

PIPELINE SEGMENT A		
CONSTRUCTION	SEGMENT A CONSTRUCTION	\$37,400,000
LAND ACQUISITION	EASEMENT PURCHASE	\$1,701,000
	LEGAL (\$25,000 / Easement for 25% of total easements)	\$262,500
	LAND AGENT (\$6,000 / Easement)	\$252,000
	APPRAISAL TEAM (\$4,500 / Easement)	\$189,000
	SURVEY (\$5,000 / Easement)	\$210,000
	TITLE SERVICES (\$500 / Easement)	\$21,000
SUPPORT SERVICES	ENGINEERING (9%)	\$3,366,000
	DESIGN SURVEY (3%)	\$1,122,000
	ENVIRONMENTAL (1%)	\$374,000
	INSPECTION (4%)	\$1,496,000
	CONSTRUCTION MANAGEMENT (1%)	\$374,000
	TESTING (1%)	\$374,000
CONTINGENCIES	CONSTRUCTION CONTINGENCY (30% OF CONSTRUCTION)	\$11,220,000
	EASEMENT CONTINGENCY (30% OF PURCHASE)	\$510,300
	SUPPORT SERVICES CONTINGENCY (5% OF CONSTRUCTION)	\$1,870,000
	SUBTOTAL (ROUNDED)	\$60,700,000

Opinions of Cost – Sources of Projected Costs

Construction Package	Source of Projected Cost
Combined Program Infrastructure	
Water Treatment Plant	Owner's Representative
SCADA Fiber Backbone	Owner's Representative
Booster Pump Station, Inline EST, & GBRA Meter Stations	Owner's Representative
Pipeline Segment A	Design Consultant – LAN, Inc. (Technical Memo Amendment 1/10/2019)
Pipeline Segment B	Design Consultant – K Friese and Associates (Technical Memo 12/4/218)
Pipeline Segment D	Design Consultant – Freese and Nichols (Technical Memo 12/14/2018)
Pipeline Segment E	Owner's Representative
ARWA-Only Infrastructure	
Wellfield	Design Consultant – LNV, Inc (Initial Phase Report 7/9/2018)
Water Treatment Plant	Actual Purchase Price for the remaining 518 acres
Booster Pump Station, Inline EST, & ARWA Delivery Points	Owner's Representative
Raw Water Infrastructure	Design Consultant – LNV, Inc. (Initial Phase Report 7/9/2018)
Administration and Operations Building	Owner's Representative
Pipeline Segment C	Design Consultant – BGE (Technical Memo 1/23/2019)
Pipeline Segment E	Owner's Representative

Opinions of Cost

- **Cost Allocation for Combined Program**
 - Distribution of costs are based on each entity's capacity share of each infrastructure component
 - Percentages were previously provided to the Committee as part of the Combined PER

Construction Package	ARWA (%)	GBRA (%)
WTP Construction	53.50	46.50
SCADA	50.00	50.00
BPS Construction	58.02	41.98
Inline EST Construction	75.00	25.00
GBRA Delivery Meter Stations	50.00	50.00
Pipeline Segments A Construction	60.00	40.00
Pipeline Segment B1 Construction	65.22	34.78
Pipeline Segment B2 Construction	69.20	30.80
Pipeline Segment D1 Construction	75.17	24.83
Pipeline Segment D2 Construction	74.58	25.42
Pipeline Segment E Construction	65.22	34.78
Land Acquisition, Engineering, Other Support Services	50.00	50.00
TOTAL	60.30	39.70

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Opinions of Cost

Construction Package	ARWA Projected Cost
Combined Program Infrastructure	
Water Treatment Plant	\$23,400,000
SCADA Fiber Backbone	\$800,000
Booster Pump Station, Inline EST, & GBRA Meter Stations	\$16,000,000
Pipeline Segment A	\$27,300,000
Pipeline Segment B	\$28,300,000
Pipeline Segment D	\$35,000,000
Pipeline Segment E	\$9,100,000
Program Management	\$6,000,000
Subtotal	\$145,900,000
ARWA-Only Infrastructure	
Wellfield	\$3,500,000
Water Treatment Plant	\$2,600,000
Booster Pump Station, Inline EST, & ARWA Delivery Points	\$13,000,000
Raw Water Infrastructure	\$7,100,000
Administration and Operations Building	\$5,500,000
Pipeline Segment C	\$60,500,000
Pipeline Segment E	\$5,800,000
Program Management	\$5,000,000
Subtotal	\$103,000,000
Total	\$248,900,000
Contingencies	\$65,900,000
Total with Contingencies	\$314,800,000

32

Opinions of Cost – Comparison Breakdown

- Impact of 50/50 split of land acquisition and support services
- Reduction in pipe diameter
- Reduction in easement widths
- Reduction in size of Water Treatment Plant and Booster Pump Station

Opinions of Cost

Construction Package	ARWA Projected Cost (No GBRA Involvement)	ARWA Projected Cost	Difference	Justification
Combined Program Infrastructure				
Water Treatment Plant	\$31,900,000	\$23,400,000	\$8,500,000	WTP sized to only process ARWA raw water
SCADA Fiber Backbone	\$1,600,000	\$800,000	\$800,000	SCADA for ARWA-only use. Previously, cost was split with GBRA.
Booster Pump Station, Inline EST, & GBRA Meter Stations	\$22,600,000	\$16,000,000	\$6,600,000	
Pipeline Segment A	\$41,500,000	\$27,300,000	\$14,200,000	Combined Program total \$60,700,000
Pipeline Segment B	\$42,400,000	\$28,300,000	\$14,100,000	Combined Program total \$57,900,000
Pipeline Segment D	\$46,800,000	\$35,000,000	\$11,800,000	Combined Program total \$64,900,000
Pipeline Segment E	\$13,200,000	\$9,100,000	\$4,100,000	ARWA portion of \$27,200,000 was ARWA-only infrastructure and the remainder was joint use infrastructure
Program Management	\$10,000,000	\$6,000,000	\$4,000,000	
Subtotal	\$210,000,000	\$145,900,000	\$64,200,000	
ARWA-Only Infrastructure				
Subtotal	\$103,000,000	\$103,000,000	-----	
Total	\$313,000,000	\$248,900,000	\$64,100,000	
Contingencies	\$82,200,000	\$65,900,000	\$16,300,000	
Total with Contingencies	\$395,200,000	\$314,800,000	\$80,400,000	

What measures are being taken moving forward?

- 30% Submittals – updated designs will provide better projections of cost
- Phasing of facilities (size of components initially vs. long-term expansions)
- Monitoring construction costs and ongoing contractor coordination
- Possible deferrals to a future phase
- Packaging and timing of bids (opportunities to combine packages)
- Design Standards
- Other Options

Questions?



Kimley»Horn



REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

F.1 Report on Technical Committee activities. ~ *Graham Moore, P.E., Executive Director*

Background/Information

The following items were discussed by the Committee at its 3/13 meeting:

- Received an update on the Phase 1A projects (Item F.4).
- Received an update on the Phase 1B program (Item F.5).
- Recommended approval of an agreement with Crystal Clear SUD for acquisition of easements. (Item F.6).
- Directed Staff to further investigate the use of water from the San Marcos Water Treatment Plant for startup and commissioning of the Phase 1B Infrastructure (Item F.7).
- Discussed a possible agreement with GVEC for providing electrical service to the Phase 1B Water Treatment Plant and Well Field (Item F.8)
- Update on legislative issues for the 86th Texas Legislature (Item F.10).
- Received an update on area water meetings (Item F.11).

Board Decision(s) Needed:

- None.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

F.2 Report on Administrative Committee activities. ~ *Graham Moore, P.E., Executive Director*

Background/Information

The Administrative Committee is scheduled to hold its next meeting at 1:30 PM on March 27, 2019 immediately prior to the Board meeting. A verbal report of the meeting will be provided.

Board Decision(s) Needed:

- None.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.3** Report on public relations activities by Gap Strategies; discussion and direction to staff and consultants on future activities. ~ *Kara Buffington, Gap Strategies*
-

Background/Information

Representatives from Gap Strategies will attend the meeting to discuss their recent activities and to discuss some items that will occur in the next few months.

Board Decision(s) Needed:

- None.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.4** Update and discussion regarding the status of the Authority's Phase 1A projects, and direction to staff and consultants. ~ *Graham Moore, P.E., Executive Director*
-

Segment B Pipeline:

- The final plans are under permitting review.

Pump Station:

- Jason Biemer will provide an update on the pump station construction at the meeting.

Board Decision(s) Needed:

- None.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.5** Update and discussion regarding the status of the Authority's Phase 1B program, and direction to staff and consultants. ~ *Graham Moore, P.E., Executive Director*
-

Background/Information

Ryan Sowa with Kimley-Horn will update the Board on the Authority's Phase 1B program.

Attachment(s)

- Kimley-Horn's Project Monthly Summary for February 2019
- Phase 1B Program Update – March 27, 2019

Board Decision(s) Needed:

- None.

ALLIANCE REGIONAL WATER AUTHORITY
 ATTN: GRAHAM MOORE
 630 E. HOPKINS
 SAN MARCOS, TX 78666

Please send payments to:
 KIMLEY-HORN AND ASSOCIATES, INC.
 P.O. BOX 951640
 DALLAS, TX 75395-1640

Invoice No: 068706601-0219
 Invoice Date: Mar 22, 2019
 Invoice Amount: 347,412.38
 Project No: 068706601
 Project Name: PH-1B OWNERS REPRESENTATIVE
 Project Manager: SOWA, RYAN
 Client Reference: 20180228-003
 WO #2

Federal Tax Id: 56-0885615

For Services Rendered through Feb 28, 2019

COST PLUS MAX

KHA Ref # 068706601.3

Description	Contract Value	Amount Billed to Date	Previous Amount Billed	Current Amount Due
PROGRAM MANAGEMENT PLAN	275,898.00	242,594.26	234,373.68	8,220.59
STAKEHOLDER COORDINATION	296,843.00	252,907.22	222,986.12	29,921.10
BUDGETTING	110,675.00	64,147.50	48,035.25	16,112.25
SCHEDULE	103,983.00	15,461.00	13,496.00	1,965.00
REPORTING	32,261.00	9,634.50	7,676.25	1,958.25
DATA MANAGEMENT	106,618.00	55,895.92	47,330.36	8,565.56
ENVIRONMENTAL MANAGEMENT	153,237.00	101,212.86	74,630.86	26,582.00
LAND ACQUISITION MANAGEMENT	172,094.00	132,200.64	75,746.34	56,454.30
TEXAS WATER DEVELOPMENT BOARD MANAGEMENT	60,136.00	46,536.93	35,931.10	10,605.83
DESIGN STANDARDS	228,990.00	141,180.75	102,218.17	38,962.58
ENGINEERING DESIGN MANAGEMENT	522,135.00	491,051.99	379,659.41	111,392.58
QUALITY ASSURANCE	31,103.00	0.00	0.00	0.00
ELECTRICAL POWER PLANNING	61,437.00	13,340.94	9,942.17	3,398.77
PERMIT COORDINATION/TRACKING	67,398.00	56,583.03	51,798.03	4,785.00
GUADALUPE-BLANCO RIVER AUTHORITY COORDINATION	6,525.00	3,941.54	3,897.71	43.83
PROJECT ADMINISTRATION	55,633.00	36,649.75	28,000.75	8,649.00
OTHER SERVICES	60,000.00	58,979.50	45,247.50	13,732.00
COMBINED PROGRAM PER	265,000.00	261,961.85	255,898.09	6,063.75
Subtotal	2,609,966.00	1,984,280.18	1,636,867.80	347,412.38
Total COST PLUS MAX				347,412.38

Total Invoice: \$ 347,412.38

If you have questions regarding this invoice, please call Mackenzie Stevenson at (281) 920-6303.

61CMS

March 8, 2019

Project Monthly Summary – February 2019

- Task 1 – Program Management Plan (PMP)
 - Updates to field work coordination protocol for consultants needing to access parcels to perform pipeline alignment studies. Coordination with Alliance Water, LAN, CP&Y, Blanton to address comments on protocol and finalize for distribution.

- Task 2 – Stakeholder Coordination
 - Continued weekly task coordination with Alliance Water.
 - Prepared and presented Technical Committee and Board Meeting Updates.
 - Prepared and presented Project Advisory Committee Update.
 - Prepared for and held Monthly Status Meeting with Alliance Water.
 - Attended Water Treatment Plant Workshop with Sponsors.

- Task 3 – Budgeting
 - Updated Budget Workbook to include monthly tracking of actual costs.

- Task 4 – Schedule
 - Continued general updates to the Program Baseline Schedule.
 - Began coordination 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.

- Task 7 – Environmental Management
 - Environmental Kickoff meeting with Pipeline Segment C team.
 - Review of Pipeline Segment D Draft Desktop Constraints Report.
 - Review of field work coordination protocol and discussions with Program Environmental Consultant to provide feedback on protocol.
 - 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.
 - Review of Program Environmental invoices, schedule, and risk log.

- Task 8 – Land Acquisition Management
 - Continued working on implementing the field work coordination protocol

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

- for the Land Acquisition Team to follow for the right-of-entry process.
 - Coordination with Chicago Title to obtain title reports for Pipeline Segment D and wellfield.
 - Worked with Mark Taylor and DTRG to finalize easement document templates.
 - Coordinate with Program Survey Consultant, Program Environmental Consultant, and Land Acquisition team to address questions that arose as part of the field work coordination process.
 - 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 Legal, and Program Survey invoices.
 - Continued coordination with Land Acquisition Consultant.
- Task 9 – Texas Water Development Board Management
 - Developed Release of Funds No. 4, addressed comments from Alliance Water, submitted to the TWDB.
 - Submitted request for written approval from TWDB to be exempt from preparation of Engineering Feasibility Report (EFR) for the drilling of Wells 6-9.
 - Continued coordination with TWDB Staff.
- Task 10 – Design Standards
 - Development of Draft Alliance Water Front End Contract Documents.
 - Development of Draft Pipeline Construction Specifications and Standard Details.
- Task 11 – Engineering Design Management
 - Pipelines:
 - Segment A
 - Coordinated with design consultant regarding ongoing field work as part of right-of-entry process.
 - Segment B
 - Coordinated with design consultant regarding upcoming field work as part of right-of-entry process.
 - Segment C
 - Reviewed and commented on Pipeline Segment C Technical Memorandum so that it could be finalized.
 - Segment D
 - Coordinated with design consultant and land acquisition team regarding proposed pipeline alignments and rights-of-entry required.
 - Segment E

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

- Backchecked revised Segment E Technical Memorandum and provided final comments.
 - Wellfield:
 - Held a meeting with design consultant for the review of front end documents for the bidding of Wells 6-9.
 - Raw Water Infrastructure:
 - Reviewed and commented on revisions to project schedule.
 - Discussed schedule for environmental study for the wellfield, to attempt to accelerate schedule for upcoming bidding of the well drilling.
 - Water Treatment Plant:
 - Coordinated with Sponsors to obtain additional water quality data in preparation for the Sponsor Workshop.
 - Reviewed Sponsor Workshop agenda and presentation prepared by design consultant and provided comments.
 - Booster Pump Station:
 - Prepared agenda and materials for and attended Kickoff Meeting.
 - Compiled and transferred all background data, GIS, and other files to the design consultant.
 - Other:
 - Developed Engineering Feasibility Report outline to standardize format of all upcoming reports. Distributed to consultants.
 - Pipeline/BPS Alignment Coordination – coordinated with Segment B, C, and D design consultants to determine potential routing of pipelines to/from BPS site to minimize potential impact to adjacent landowners.
 - Monthly progress meetings with all design consultants (pipelines, water treatment plant, raw water infrastructure, wellfield).
 - Reviewed invoices, schedules, and risk logs for consultants
- Task 13 – Electrical Power Planning
 - Continued coordination with GVEC and BBEC for service options for the water treatment plant and wellfield.
 - Reviewed preliminary contract provided by GVEC and provided comments.
- Task 14 – Permit Coordination/Tracking
 - Continued Permit coordination with Pipeline consultants
 - Continued Variance Request Coordination with Caldwell County
 - General Coordination with TxDOT
 - General Coordination with GVEC and Bluebonnet
 - Permit Tracking Log Updates
- Task 17 – Other Services
 - Finalized and submitted Draft ARWA-Only PER for review.

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

- Developed draft Phase 1B cost comparison between an ARWA-only program versus the ARWA/GBRA Combined Program.
- Task 18 – Combined Program Preliminary Engineering Report (PER)
 - Finalized and submitted Final Combined Program PER.
- Task 19 – Booster Pump Site Survey
 - Coordinated with Alliance Water to confirm requirements of the City of San Marcos Watershed Protection Plan for the Booster Pump Station Plat.
- Task 20 – Administrative / Operations Facility Procurement
 - Developed memorandum exploring options for procuring the admin/ops facility, including preliminary facility layout and cost projection.
 - Addressed memorandum comments from Alliance Water and finalized.



Phase 1B Program Update

Board of Directors Meeting
March 27, 2019

Kimley»Horn

Ongoing Progress

Contract Front End Documents

Standard Specifications and Details – Transmission Mains

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INVITATION TO OFFEROR
Page 1 of 2

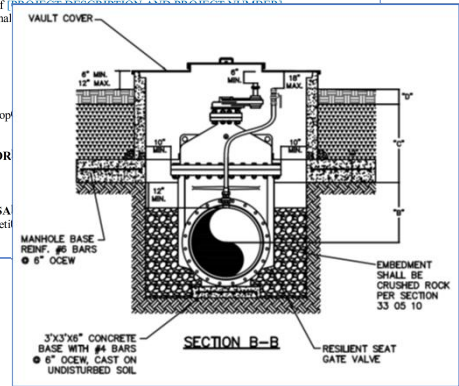
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INVITATION TO OFFERORS
COMPETITIVE SEALED PROPOSAL

RECEIPT OF PROPOSALS

Sealed proposals for the construction of [DESCRIPTION OF WORK] will be received by the Alliance Regional Water Authority Purchasing Division [ADDRESS] [CITY, STATE ZIP] until [TIME], [DAY], [DATE], and proper in the Council Chambers.

GENERAL DESCRIPTION OF WORK
[DESCRIPTION OF WORK]

COMPETITIVE SEALED PROPOSAL
Submission requirements for the competitive sealed proposal 21 14 – Instructions to Offerors.



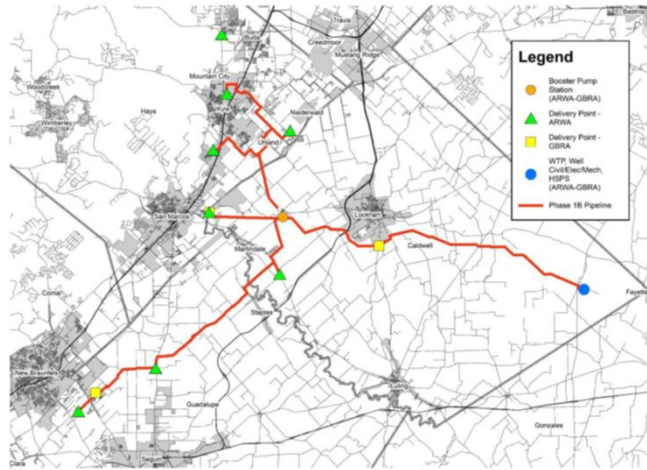
Kimley»Horn

Ongoing Progress

TWDB Release of Funds No. 4

Booster Pump Station
Delivery Point Coordination

Well Drilling – TCEQ Update



Kimley»Horn

Pipeline Route Analyses & Rights of Entry

	February				March					April			
	2/3	2/10	2/17	2/24	3/3	3/10	3/17	3/24	3/31	4/7	4/14	4/21	4/28
Pipeline Segment B													
Review and Finalize Recommended Route													
Prepare Right-of-Entry Requests													
Right-of-Entry Request Delivery & Outreach													
Pipeline Segment D													
Review and Finalize Recommended Route													
Prepare Right-of-Entry Requests													
Right-of-Entry Request Delivery & Outreach													
Pipeline Segment C													
Review and Finalize Recommended Route													
Prepare Right-of-Entry Requests													
Right-of-Entry Request Delivery & Outreach													
Pipeline Segment E													
Review and Finalize Recommended Route													
Prepare Right-of-Entry Requests													
Right-of-Entry Request Delivery & Outreach													
Wellfield													
Prepare Right-of-Entry Requests													
Right-of-Entry Request Delivery & Outreach													



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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	39	34	87%	87%
B	55	33	60%	0%
D	82	14	17%	0%
C	90	0	0%	0%
E	40	0	0%	0%
Wellfield	14	3	21%	0%
Total	320	84		



Kimley»Horn

Questions?



Kimley»Horn

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

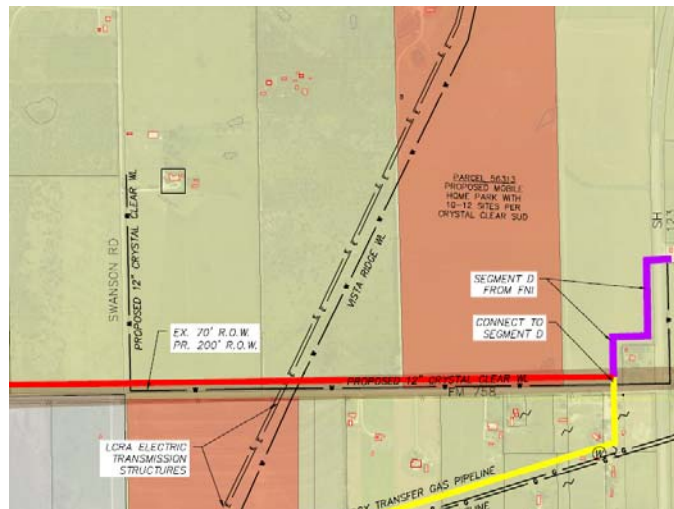
BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.6** Consider adoption of Resolution 2019-03-27-001 regarding acquiring easement interests for Crystal Clear SUD for the portion of Segment E that parallels planned Crystal Clear SUD infrastructure. ~ *Graham Moore, P.E., Executive Director*

Background/Information

As Walker Partners was completing their draft routing report for the Segment E pipeline we became aware of a new Crystal Clear SUD pipeline that was being planned in the same area due to new developments occurring in the area. Staff requested that Walker Partners review and consider new corridors/alignments that would not cause the two planned projects to be in the same corridor. After analyzing further Walker Partners found that the original recommended route is still the best option. The corridor under consideration is the purple and red lines in the image below.



Acquisition of an easement by Alliance Water could be very difficult if CCSUD has recently received an easement from the same property owners. Therefore Staff worked on an agreement with CCSUD whereby the Authority prioritizes this area for acquisition purposes and acquires an adequate easement width to accommodate both projects. The Authority could then deed over to CCSUD their portion of the easement with compensation for their proportional share of the easement paid by CCSUD.

CCSUD has the same agreement scheduled for their March 28, 2019 Board meeting.

Attachment(s)

- Resolution 2019-03-27-001
- Interlocal Agreement with Crystal Clear SUD for Easement Acquisition.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS
Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

Board Decision(s) Needed:

- Adoption of Resolution 2019-03-27-001 approving the Interlocal Agreement between the Authority and Crystal Clear SUD related to acquisition of easements, contingent upon approval by the Crystal Clear SUD Board of Directors.



ALLIANCE WATER

RESOLUTION NO. 20190327-001

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS APPROVING AN INTERLOCAL AGREEMENT BETWEEN THE CRYSTAL CLEAR SPECIAL UTILITY DISTRICT AND THE AUTOHRITY FOR THE ACQUISITION OF EASEMENTS; AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. The Alliance Regional Water Authority (“Alliance Water”) is in the process of acquiring water pipeline easements for its Phase 1B Program (the “Alliance Water Project”), and Crystal Clear Special Utility District (“Crystal Clear”) is in the process of acquiring water pipeline easements for its Swanson Road Extension Project (the “Crystal Clear Project”).

2. Alliance Water and Crystal Clear are both in the process of acquiring easements for their respective projects in a common area.

3. Alliance Water and Crystal Clear wish to cooperate to acquire easements in the Adjoining Project Area to increase efficiency in the acquisition process and to lessen the potential confusion to landowners that would result from separate, successive acquisition processes to acquire the easements.

4. The attached interlocal agreement is made under the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code.

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ALLIANCE REGIONAL WATER AUTHORITY:

SECTION 1. The attached Interlocal Agreement between Alliance Water and Crystal Clear is approved, pending the approval of the Crystal Clear Board of Directors.

SECTION 2. The Chair of Alliance Water’s Board of Directors, Chris Betz, is authorized to execute the attached agreement on behalf of Alliance Water.

SECTION 3. This Resolution shall be in full force and effect immediately upon its passage.

ADOPTED: March 27, 2019.

ATTEST:

Chris Betz
Chair, Board of Directors

James Earp
Secretary, Board of Directors

**INTERLOCAL AGREEMENT
BETWEEN ALLIANCE REGIONAL WATER AUTHORITY AND
CRYSTAL CLEAR SPECIAL UTILITY DISTRICT RELATED TO
ACQUISITION OF EASEMENTS**

This Interlocal Agreement (this “Agreement”) is made this _____ day of _____, 2019 between the Alliance Regional Water Authority (“Alliance Water”) and the Crystal Clear Special Utility District (“Crystal Clear”). This Agreement provides for cooperation between Alliance Water and Crystal Clear related to the acquisition of water pipeline easements for the parties.

RECITALS:

1. This Agreement is made under the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code.
2. Alliance Water is in the process of acquiring water pipeline easements for its Phase 1B Program (the “Alliance Water Project”), and Crystal Clear is in the process of acquiring water pipeline easements for its Swanson Road Extension Project (the “Crystal Clear Project”).
3. In the area depicted generally on the attached Exhibit A (the “Adjoining Project Area”), Alliance Water and Crystal Clear are both in the process of acquiring easements for their respective projects.
4. Alliance Water and Crystal Clear wish to cooperate to acquire easements in the Adjoining Project Area to increase efficiency in the acquisition process and to lessen the potential confusion to landowners that would result from separate, successive acquisition processes to acquire the easements.

AGREEMENT:

Alliance Water and Crystal Clear, in consideration of the mutual promises contained herein, agree as follows:

1. **Layout of Easements.** The parties agree that the general layout of the easements to be acquired by Alliance Water, and the portion of the easements to be assigned to Crystal Clear, will be as depicted on the attached Exhibit B.
2. **Cost Estimate.** Alliance Water agrees to provide Crystal Clear with an estimate of the costs associated with Alliance Water’s acquisition of easements for the Crystal Clear Project. The parties may consult regarding the estimate and may clarify and refine it. The parties acknowledge that the actual costs are likely to vary from the estimate.
3. **Authorization; Cooperation.** Upon approval of the cost estimate, Crystal Clear authorizes Alliance Water to acquire water pipeline easements for the Crystal Clear Project in the Adjoining Project Area, together with water pipeline easements needed for the Alliance Water Project. The parties agree to cooperate with one another in all ways reasonably necessary to facilitate the acquisition of easements in the Adjoining Project Area.

4. **Cost Records.** Alliance Water agrees to maintain records of the costs associated with acquisition of easements in the Adjoining Project Area, and to make these records available to Crystal Clear upon request.

5. **Title; Closing and Assignment.** During acquisition of easements in the Adjoining Project Area, Alliance Water agrees to acquire the easements in the name of Alliance Water. However, Alliance Water agrees to include language in each easement that allows Alliance Water to assign a portion of the easement to Crystal Clear. The easement to be acquired by Alliance Water will include, at a minimum, the elements described in the attached Exhibit C. Within 60 calendar days of Alliance Water’s acquisition of the last easement required for the Crystal Clear Project, Alliance Water will deliver an invoice to Crystal Clear in the amount of 20/110 (18.2%) of the costs associated with acquisition of easements in the Adjoining Project Area. Within 30 days of delivery of the invoice, the parties will conduct a closing at which Alliance Water will deliver a written assignment to Crystal Clear of Crystal Clear’s portion of the easements, and Crystal Clear will pay to Alliance Water the amount of the invoice. Crystal Clear agrees to accept and record the assignment. Crystal Clear will bear the cost of title insurance covering its portion of the easements. The assignment will include, at a minimum, the elements described in the attached Exhibit D. As of the date of the assignment, Crystal Clear will own the portion of the pipeline easements assigned to it, and Alliance Water will own the remaining portion of the pipeline easements.

6. **Source of Funds.** Each party agrees to pay for the performance of governmental functions or services from current revenues available to that party. Each party agrees that it is fairly compensated for the services or functions the party performs under this Agreement.

7. **Entire Agreement.** This is the entire agreement of the parties on this subject. Any amendment to this Agreement must be in writing and executed by both parties.

8. **Effective Date.** This Agreement will take effect on the date of the last signature below.

IN WITNESS WHEREOF, the Parties have each executed this Agreement on the dates stated below.

Alliance Regional Water Authority	Crystal Clear Special Utility District
By:	By:
Chris Betz, Chair, Board of Directors	Mike Cox, President, Board of Directors
Attest:	Attest:
James Earp, Secretary, Board of Directors	James Davidson, Secretary, Board of Directors
Date:	Date:

Exhibit A – Map of Adjoining Project Area

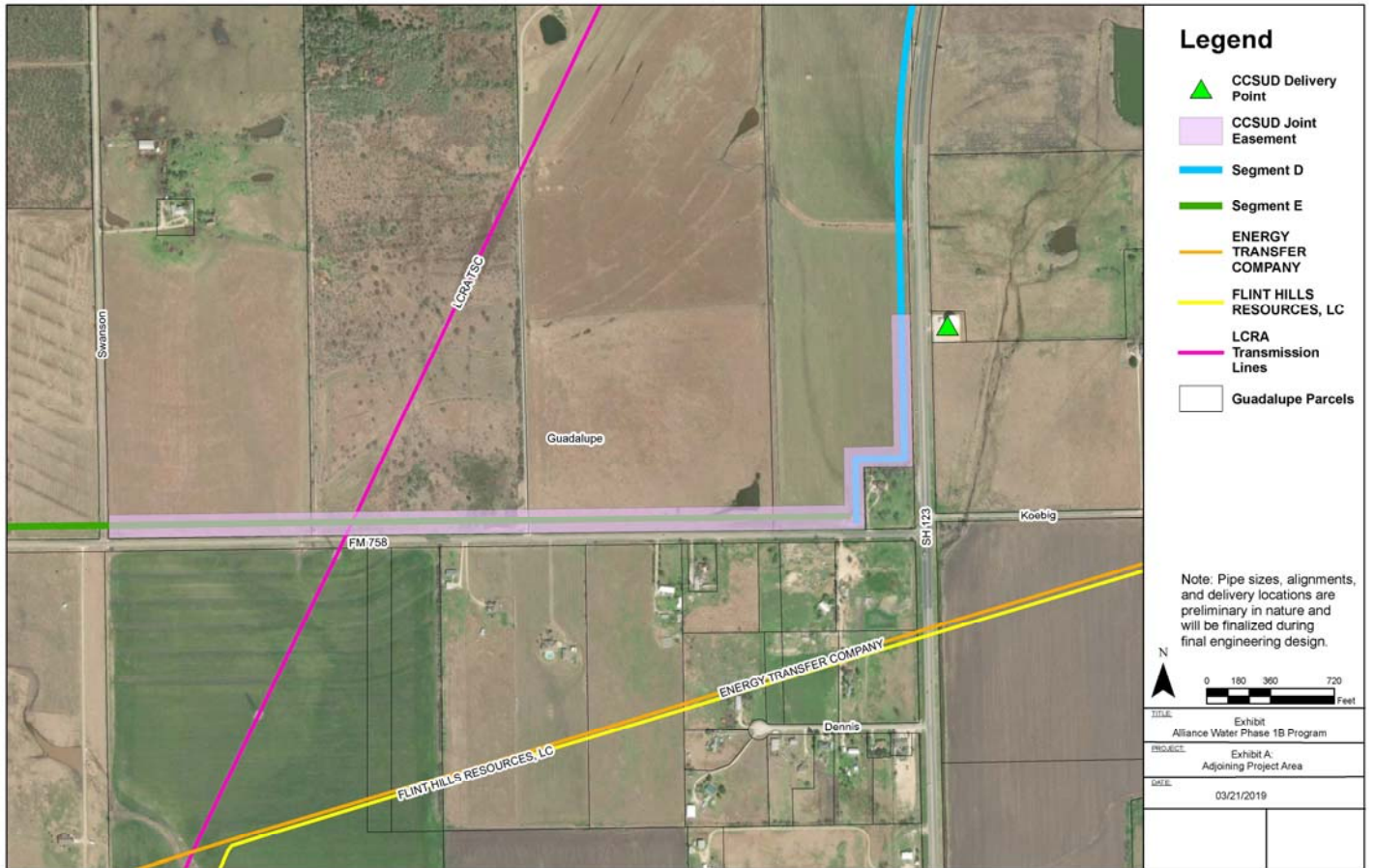
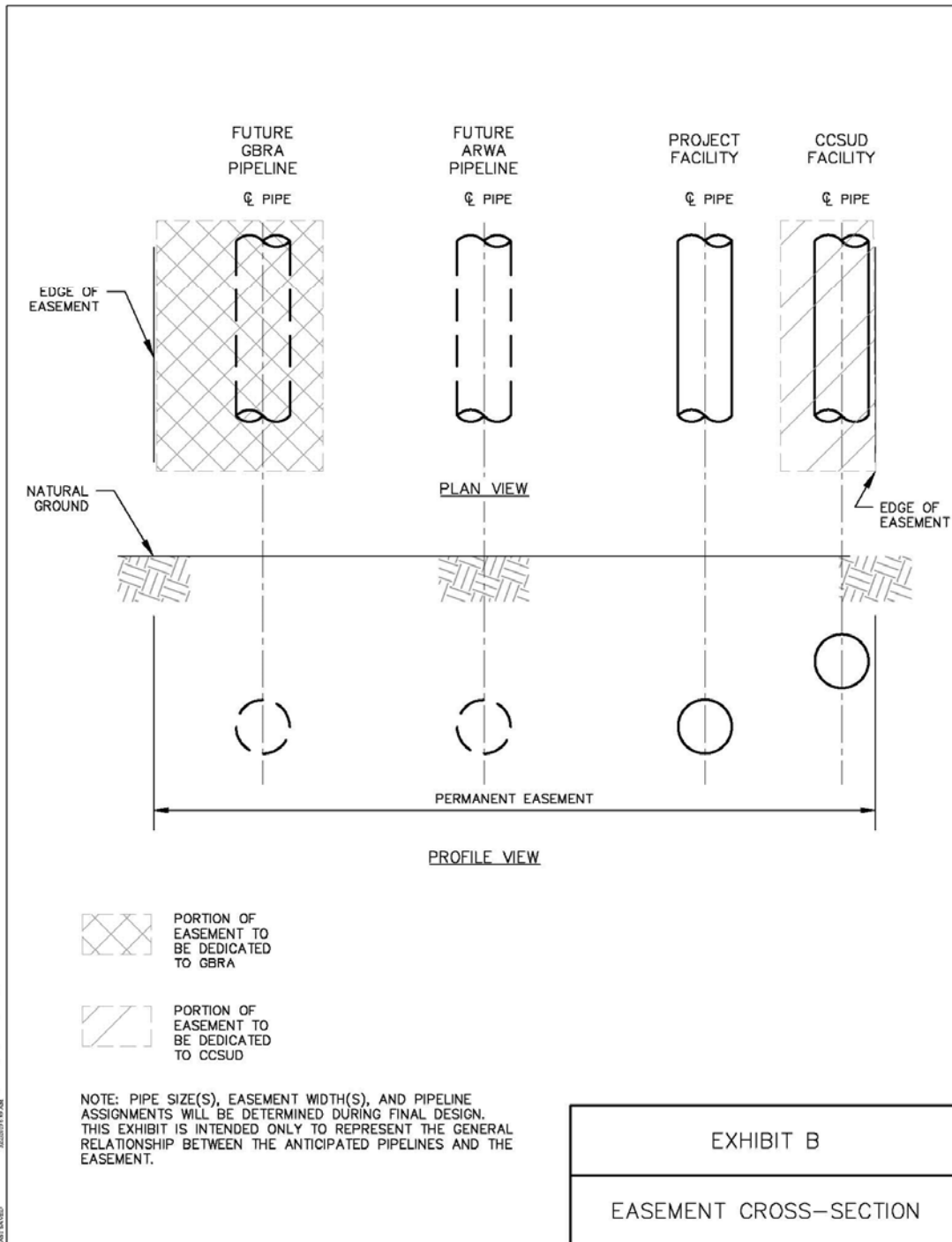


Exhibit B – Cross-Section Depicting Layout of Alliance Water and Crystal Clear Easements



DRAWN BY: JAMES HAYES
 CHECKED BY: JAMES HAYES
 DATE: 11/11/11

Exhibit C – Minimum Elements of Easement Agreement

Each water pipeline easement will include the following elements at a minimum, in addition to others that may be negotiated by the parties to the easement:

1. Exclusive Easement for Multiple Water Pipelines. The exclusive easement will grant the right to construct, maintain and operate up to four (4) water pipelines.
2. Access Rights. The easement will provide an express right of access for ingress and egress across the full width of the easement area to all facilities within the easement.
3. Term of Easement. The term of the easement will be perpetual.
4. Temporary Construction Easement (if necessary). In areas where needed, the easement will include temporary easement rights to an additional area during the period of construction.
5. Assignment. The easement will allow for Alliance Water to assign Crystal Clear's portion of the Easement to Crystal Clear without the prior consent of the landowner.
6. Successors and Assigns. The easement will run with, bind and benefit the Property and inure to the benefit of the Grantee and its successors or assigns.
7. Amendment. Amendments to the easement will require the prior written consent of Grantor and Grantee.
8. Severability. The easement will allow for severability of provisions found to be invalid.
9. Governing Law. The easement will provide that it is governed by the laws of the State of Texas.
10. Consent and Subordination by Lender. If the parent tract of land is subject to a lien, the easement will be accompanied by a consent of the lender/lienholder to the granting of the easement and to the subordination of the lien to the easement.

Exhibit D – Minimum Elements for Partial Assignment of Easements

The partial assignment of easements by Alliance Water to Crystal Clear will include the following elements at a minimum, in addition to others that may be negotiated by the parties:

1. Easement for One Water Pipeline. The easement will grant the right to construct, maintain and operate one water pipeline.
2. Access Rights. The easement will provide an express right of access for ingress and egress for Crystal Clear across the area assigned to Crystal Clear, for access to all facilities within that area.
3. Term of Assigned Easement. The term of the assigned easement will be perpetual.
4. Temporary Construction Easement (if necessary). In areas where needed, the assigned easement will include an assignment of temporary easement rights to an additional area, if any, during the period of construction.
5. Successors and Assigns. The assigned easement will run with the title to the assigned easement area and inure to the benefit of the Grantee and its successors or assigns.
6. Amendment. Amendments to the assigned easement will require the prior written consent of the Grantor and Grantee.
7. Severability. The assigned easement will allow for severability of provisions found to be invalid.
8. Governing Law. The assigned easement will provide that it is governed by the laws of the State of Texas.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.7** Discussion and possible direction to Staff regarding the use of water from the San Marcos Water Treatment Plant for startup and commissioning of the Phase 1B Infrastructure. ~ *Graham Moore, P.E., Executive Director*
-

Background/Information

One of the critical items for the development of a new regional water system is determining the source(s) of water that can be used for commissioning of the infrastructure. As part of the Phase 1B Infrastructure Program Development report prepared by Kimley-Horn in December 2017, water pipelines and owners were identified for the general areas where the pipelines would be crossing. The recommendation was to determine the source(s) of commissioning in final design (see attached excerpt from the report).

In addition to the physical location of the water for commissioning, thought must be given to the individual utility's ability to provide the amount of water needed without detrimentally impacting their system. One viable source that has both the quantity of water needed to commission the facilities and the ability to provide the water without hurting its own system is the San Marcos Water Treatment Plant (SMWTP). With the construction of the portion of the Segment B pipeline connecting the SMWTP to the Phase 1B Booster Pump Station, this water could be utilized for commissioning of all pipeline segments.

The SMWTP has already been identified as the delivery point for some of the San Marcos water and the Goforth SUD water. As a result preliminary engineering is underway to expand the facilities including the clearwell storage and pump station(s). San Marcos's engineer for the project, Alan Plummer & Associates, has done an initial investigation and believes the existing high service pump station could be utilized to pump the water back to the Authority's Booster Pump Station.

If the Authority desires to utilize the SMWTP as its source of commissioning water, now is the time to coordinate the effort with the other improvements that are in design. San Marcos has indicated a willingness to consider this option, provided that the Authority would pay for any infrastructure that would be required to connect the high service pumps at the San Marcos WTP to the Segment B pipeline. San Marcos has also indicated a desire to have this completed as a permanent interconnect that could provide flexibility should the need arise in the future.

The Technical Committee directed Staff to move forward with investigating this option further and to begin discussions on a possible agreement between the Authority and San Marcos for the anticipated improvements. Any agreement will be brought back to the Board for action at a later date.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS
Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

Board Decision(s) Needed:

- Possible direction to Staff.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.8** Discussion and possible direction to Staff regarding approval of an agreement with Guadalupe Valley Electric Cooperative for providing electrical service to the Phase 1B Water Treatment Plant and Well Field. ~ *Graham Moore, P.E., Executive Director*
-

The electrical provider for the Authority's Water Treatment Plant property is the Guadalupe Valley Electrical Cooperative (GVEC). The property is at the very edge of their service territory and therefore a new substation is required in order for them to serve the electrical loads for the water treatment plant as well as the well fields for Alliance Water and likely GBRA.

Staff began discussions in earnest with GVEC in late January regarding the process for upgrading electrical service in the area. In addition to the new substation, a new transmission line originating at the intersection of Highway 90 & Highway 304, approximately 9 miles due south of the property, will be required.

GVEC has provided the following estimated costs for the substation and transmission systems:

- Substation: \$3,729,000
- Transmission: \$7,350,000

GVEC's standard arrangement is to pay for the transmission system upgrades and to be reimbursed through the Electric Reliability Council of Texas (ERCOT) system. GVEC will do the same for the high-voltage side of the substation project, which typically amounts to 20%-30% of the cost of the substation. GVEC then requires the new customer that is requiring the new large service to pay for the remaining costs of the substation, in this case approximately \$3 million. GVEC will require half of the money up front so that the design and acquisition program may begin, followed by a second payment to be paid at a later date, followed by the option of a "true-up" for actual costs.

As noted above the substation is on the edge of the GVEC service area with Bluebonnet Electric Cooperative (BBEC) having the service area immediately to the north where Alliance Water's future wells will be located. The new substation will have space allocated for BBEC to provide service to the area, so Alliance Water will not be required to add an additional substation for the well loads in the future.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
 501 E. Hopkins, San Marcos, TX 78666

Timeline

Extending the electrical transmission lines to the new substation is the critical path for having power available at the site. Below is a summary of the schedule that has been provided to us by GVEC:

- February 2019 – Initiate details and schedule
 -- Alliance Water to make down payment
- July 2019 – GVEC order long lead items
- September 2019 – Legal CCN, filing & open house
- December 2020 – ROW easements and line design
- September 2021 – Line construction
- March 2022 – Energize line and substation

Tariffs

GVEC has provided us with the two tariffs (rates) that will apply for our purposes. The G-3 tariff will apply to the individual wells and G-5 to the water treatment plant. The tariffs are summarized below. GVEC also indicated that the Authority will receive a rebate for any loads greater than 1 megawatt that are fed from this substation. We have not seen the rebate tariff yet, so it is unclear as to how the rebate will function.

Tariff	G-3	G-5
Service Availability	\$50.00 per meter	\$500.00 per meter
Delivery Charge	\$0.006 per kWh	\$0.0025 per kWh
Demand Charge	\$2.00 for 1 st 10kW \$5.50 for next 90kW \$4.00 over 100kW	\$2.25 for 1 st 1000kW \$2.75 for next 2000kW \$2.50 for next 2000kW \$2.25 for over 5000kW
Generation & Transmission Charge	Costs that are not recovered through the Service Availability & Delivery Charges	Pass thru of blended costs for generation and of allocated transmission costs
Power Factor	95% lagging	95% lagging

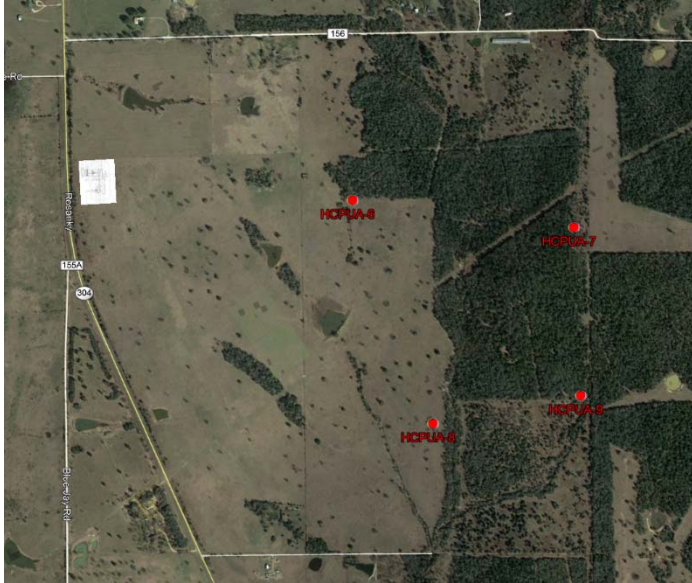
Substation Siting

Staff has committed to the dedication of approximately 4 acres of property to GVEC for the new substation. This will help with the transmission alignment evaluation and will help to reduce some costs. Below is a conceptual layout of where the substation could be located on the property.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666



Next Steps

GVEC is preparing a customer agreement for our review. Alliance Water will need to enter into a separate agreement at a later date with GVEC to cover the electrical distribution system out of the substation to the water treatment plant and wells. The second agreement is less time critical than the first agreement for the substation.

Attachment(s)

- GVEC Cost Estimate and Tariff Data

Board Decision(s) Needed:

- Possible Direction to Staff.

Alliance Regional Water Authority – Project 2019-2022

Wolf Run Substation, 30MVA PWT w (4) 24.9 kV bays

Project Description: Add New Substation with 30 MVA Power Transformer and (4) 24.9 kV bays for feeders to serve the Alliance Water Treatment Plant and various Alliance water wells and associated area loads.

Project Budget Estimate Costs:

Substation-	
Site Surveying, Civil Work, Site Prep, Fencing, etc -	\$425,000
Power Transformer, Ckt Switcher, other major equipment -	\$1,350,000
Engineering – structural and electrical	\$450,000
Substation Construction and Structural Steel	\$850,000
High and low side Switches, Panels, relays	\$425,000
Acceptance Testing	\$55,000
SWPPP, Legal	\$39,000
SCADA, Communication, Security Equipment Update	\$135,000
Total	\$3,729,000

Sandy Fork to Wolf Run Transmission Line

Project Description: Add New 69 kV Transmission Line from near Sandy Fork to near 304 and Wolf Run road

Project Budget Estimate Costs:

Engineering, Planning, CCN and route studys, Legal, ROW Easements	
Engineering, Design, Equipment, Materials, Construction	\$7,350,000
Total	\$7,350,000

IMPORTANT NOTE: Costs for Distribution Electric Service to the Plant and each Well pump is Not Included in this Estimate. To be determined after the facilities are physically laid out.

Project Description: Routing, Easements, Engineering, and construction of Distribution Lines, and addition of Transformers, Equipment, and Metering to supply power to each facility

Substation Project Schedule:**

start dates

GVEC to submit substation project details and schedule	Feb 2019
Alliance submits down payment to GVEC to proceed, engineering and procurement of long lead items	Feb 2019
Engineering Design starts, for site work and layouts	April 2019
GVEC order Power Transformer and other long lead items	Jul 2019
Transmission Line Schedule will Drive the Substation schedule from here	
Substation project Site Work Begins	Mar 2020
Substation Construction starts	Sep 2020
Power Transformer Delivery	Jan 2021

Transmission Line Project Schedule:**

Project planning, engineering, CCN, routing study	Feb 2019
Legal CCN process, filing, open house	Sep 2019
ROW easements and Line Design	Dec 2020
Line Construction	Sep 2021
Energize Line and Substation	Mar 2022

**LCRA Tap Station schedule can affect the overall project schedule

Summary of Payments for the Substation Project:

February 2019	\$1,500,000 down payment
October 2020	\$1, 500,000
June 2022	Review Project Costs and True-Up Payments/Credits

G-3 THREE-PHASE RATE (UNDER 250 KW)

Applicable to three-phase Consumers under 250 kW of average annual demand.

Type of Service

Three-phase, 60-Hertz, at one of the Cooperative's standard secondary voltages, or at primary voltage, with the consent and agreement of both the Cooperative and the Consumer. Frequency and voltage shall be subject to reasonable variation.

Rate

The Rate shall be calculated as the sum of the following charges:

Service Availability Charge:

\$50.00 per meter per billing cycle

Delivery Charge:

Billing Cycle kWh usage X \$0.006000 per kWh

Demand Charge:

First 10 kW X \$2.00 per kW

Next 90 kW X \$5.50 per kW

Over 100 kW X \$4.00 per kW

Generation and Transmission Charge:

The charge designed to recover the generation and transmission costs of the Cooperative that are not recovered through the "Service Availability Charge", "Delivery Charge", other fees/charges or otherwise recovered by the Cooperative.

Determination of Billing Demand

For the purposes of this Rate Schedule, Billing Demand shall be defined as the maximum kilowatts metered during any 15-minute interval within a billing cycle, but in no event less than seventy percent (70%) of the highest demand established in the preceding eleven (11) billing cycles.

Power Factor

If the Power Factor of the Consumer's load is found to be less than 95% lagging, as measured at the Consumer's meter, then the Cooperative may require the Consumer to arrange for the installation of appropriate equipment on the Consumer's side of the meter necessary to maintain a Power Factor of not less than 95% lagging, as measured at the Consumer's meter. Until the power equipment has been installed to correct the Power Factor, the Consumer's Billing Demand may be adjusted according to the following formula: Adjusted Billing Demand = (Billing Demand X .95) ÷ by Actual Power Factor

Minimum Charge

The minimum billing cycle charge shall be:

The Service Availability Charge plus the Demand Charge.



INTERNET | ELECTRIC | HOME

G-5 LARGE POWER RATE (OVER 1,000 KW)

Applicable to three-phase Consumers with over 1,000 kW of average annual demand.

Type of Service

Three-phase, 60-Hertz, at one of the Cooperative’s standard secondary voltages, or at primary voltage, with the consent and agreement of both the Cooperative and the Consumer. Frequency and voltage shall be subject to reasonable variation.

Rate

The Rate shall be calculated as the sum of the following charges:

Distribution Charge:

The total of the Service Availability Charge, Demand Charge, and Delivery Charge

Service Availability Charge:

\$500.00 per billing cycle

Demand Charge:

For the purposes of this Rate Schedule, Billing Demand shall be defined as the maximum kilowatts metered during any 15-minute interval within a billing cycle.

Demand Charge =

First 1000 kW X \$2.25 per kW

Next 2000 kW X \$2.75 per kW

Next 2000 kW X \$2.50 per kW

Over 5000 kW X \$2.25 per kW

Delivery Charge:

Billing Cycle kWh usage X \$0.002500 per kWh

Generation Charge:

The Consumer’s Generation Charge shall be a direct pass-through of the blended costs for generation necessary for providing the Service that are not otherwise recovered by the Cooperative.

Transmission Charge:

The Consumer’s Transmission Charge shall be a pass-through of allocated transmission costs for transmission services necessary for providing the Service that are not otherwise recovered by the Cooperative.

Power Factor Correction

If the Power Factor of the Consumer’s load is found to be less than 95% lagging, as measured at the Consumer’s meter, the Cooperative may require the Consumer to arrange for the installation of appropriate equipment, on the Consumer’s side of the meter, necessary to maintain a Power Factor of not less than 95% lagging, as measured at the Consumer’s meter. Until the power equipment has been installed to correct the Power Factor, the Consumer’s Billing Demand may be adjusted according to the following formula:
Adjusted Billing Demand = (Billing Demand X .95) ÷ by Actual Power Factor

GVEC Tariff Effective March 26, 2016

GuadalupeValleyElectricCooperative, Inc.

825 E. Sarah DeWitt Dr. : P.O. Box 118 : Gonzales, Texas 78629 : 1.800.223.GVEC(4832) : www.gvec.org

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.9** Consider adoption of Resolution 2019-03-27-002 making appointments to the Authority's Administrative Committee. ~ *Graham Moore, P.E., Executive Director*
-

Background/Information

The Board of Directors created the Administrative Committee in October 2018 and made initial appointments. James Earp has requested to be replaced by Tracy Scheel on the committee. The attached resolution makes this replacement official. No other items effecting the committee is included in the resolution.

Attachment(s)

- Resolution 2019-03-27-002

Board decision needed:

- Adoption of Resolution 2019-03-27-002 making appointments to the Administrative Committee.



ALLIANCE WATER

RESOLUTION NO. 20190327-002

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS MAKING APPOINTMENTS TO THE ADMINISTRATIVE COMMITTEE; AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. The Alliance Regional Water Authority (the "Authority") Board of Directors (the "Authority Board") created the Administrative Committee and made initial appointments through the adoption of Resolution 20181024-005.

2. The Authority Board wishes to make new appointments to the Administrative Committee.

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ALLIANCE REGIONAL WATER AUTHORITY:

SECTION 1. The Authority Board appoints Mike Taylor, Jane Hughson and Tracy Scheel as voting members of the Administrative Committee, and Micah Grau as a non-voting member of the Administrative Committee. Each of these appointees will continue as a member of the Committee until he or she is no longer a Director (voting members), or he or she is removed or replaced by the Authority Board.

SECTION 2. This Resolution shall be in full force and effect immediately upon its passage.

ADOPTED: March 27, 2019.

ATTEST:

Chris Betz
Chair, Board of Directors

James Earp
Secretary, Board of Directors

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.10** Discussion of legislative issues for the 86th Texas Legislature, and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*
-

Background/Information

On the following pages is a list of bills that have been filed that may be of interest to the Authority as of March 18, 2019. Items highlighted are new bills, new activities and/or new positions.

Below are some key dates for the regular session:

- Monday, May 6th – last day for House committees to report bills
- Friday, May 10th – last day for House to consider non-local & consent bills
- Friday, May 17th – last day for House to consider local bills
- Saturday, May 18th – last day for House committees to report senate bills
- Wednesday, May 22nd – last day for House to consider senate bills
- Sunday, May 26th – last day to adopt conference reports
- Monday, May 27th – sine die

Attachment(s)

- 2019-03-19 Legislative Bill List

Board decision needed:

- Possible direction to Staff.

ARWA Bill Tracking – 2019 / 86th Texas Legislature

ARWA – Bills to Support (as of 03/19/2019)				
<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
HB 481 SB 520	Keumpel Campbell	<ul style="list-style-type: none"> Relating to the storage and recovery of water in a portion of the Edwards Aquifer As filed pertains only to NBU 	Natural Resources Water & Rural Affairs	• Support
HB 721	Larson	<ul style="list-style-type: none"> Relating the duty of the TWDB to conduct studies of and prepare reports on ASR 	Natural Resources	• Support
HB 723 SB 724	Larson Perry	<ul style="list-style-type: none"> Relating to a requirement that the TCEQ obtain or develop updated water availability models for certain river basins (includes Guadalupe and San Antonio Rivers) Senate bill is similar but with Guadalupe & San Antonio Rivers excluded 	Natural Resources Water & Rural Affairs	• Support
HB 1044 SB 483	Zwiener Campbell	<ul style="list-style-type: none"> Relating to permits for certain injections wells that transect a portion of the Edwards Aquifer This is Buda’s ASR Bill 3/12: Heard in House Cmte 	Natural Resources Water & Rural Affairs	• Support
HB 1066 SB 800	Ashby Perry	<ul style="list-style-type: none"> Automatic extension of export permits TWCA Bill Senate bill identical to House bill 3/18 sub House Bill voted out of cmte 	Natural Resources Water & Rural Affairs	• Support
HB 1826 SB 1310	King, T. Hinojosa	<ul style="list-style-type: none"> Modifies procedure for amending or revoking CCNs Texas Rural Water Authority bill 	Natural Resources Water & Rural Affairs	• Support
SB 987	Zaffirini	<ul style="list-style-type: none"> Prohibits landfills over recharge zones of major aquifers (Carrizo) Would apply to the Post Oak Green Landfill if the permit appeal is successful 	Water & Rural Affairs	• Support
SB 1010	Perry	<ul style="list-style-type: none"> Amends Ch. 36 to limit the authority of a GCD that overlies a common aquifer with one or more other districts and similarly regulates production from making or enforcing a dissimilar rule 	Water & Rural Affairs	• Support

ARWA Bill Tracking – 2019 / 86th Texas Legislature

ARWA – Groundwater Bills to Monitor (as of 03/19/2019)				
<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
HB 720	Larson	<ul style="list-style-type: none"> Relating to appropriations of water for use in ASR projects Require TCEQ to expedite surface water right permits when tied to an ASR project 	Natural Resources	Monitor
HB 722	Larson	<ul style="list-style-type: none"> Relating to the development of brackish groundwater (similar to HB 2377 from 85th Session which was vetoed) Requires GCDs to implement special permitting rules for brackish groundwater 	Natural Resources	Monitor
HB 724 SB 1836	Larson Alvarado	<ul style="list-style-type: none"> Relating to the authorization by TCEQ on the discharge, diversion, and transfer or other reuse of treated brackish groundwater and return flows derived from treated brackish groundwater Allows for bed and banks permits, less carriage losses for brackish groundwater supplies 	Natural Resources	Monitor
HB 726	Larson	<ul style="list-style-type: none"> Relating to the regulation of groundwater Deletes many considerations prior to issuing an export permit Automatically extends export permits to match timing of production permits Other, less significant changes 	Natural Resources	Monitor
HB 1052	Larson	<ul style="list-style-type: none"> Provides authority to the TWDB to use the state participation account for development of desal or ASR projects. 	Natural Resources	Monitor
HB 1304	Zwiener	<ul style="list-style-type: none"> Hays Trinity Groundwater Conservation District enabling legislation is amended to address exemptions and fees. 	Natural Resources	Monitor
HB 1479	King, T.	<ul style="list-style-type: none"> Amends the Transfer of Rights in the EAA enabling legislation 	Natural Resources	
HB 1617 SB 1041	Larson Taylor	<ul style="list-style-type: none"> Extends deadline for TWDB to designate brackish groundwater production zones to 12/1/2032 	Natural Resources Water & Rural Affairs	Monitor

ARWA Bill Tracking – 2019 / 86th Texas Legislature

HB 1806 SB 1170	King, T. Campbell	<ul style="list-style-type: none"> EAA legislation is amended to allow SAWS to provide Edwards water to areas outside the EAA boundaries in some circumstances 	Natural Resources Water & Rural Affairs	Monitor
HB 2122 SB 2026	Harris Perry	<ul style="list-style-type: none"> Changes permitting considerations for a retail public utility – utilities must acquire groundwater rights or written permission from landowners 	Natural Resources	Monitor
HB 2123	Harris	<ul style="list-style-type: none"> Allows landowners to submit a petition to a GCD to change its rules & requires a public hearing 	Natural Resources	Monitor
HB 2125	Burns	<ul style="list-style-type: none"> Amends Ch. 36 from “shall” to “may” concerning award of attorney’s fees to a district. Fees are capped at \$100k. 	Natural Resources	Monitor
HB 2249	Lucio	<ul style="list-style-type: none"> Regulation of production of wells for retail public utilities by a GCD. 	Natural Resources	Monitor
HB 2729 SB 1647	Minjarez Campbell	<ul style="list-style-type: none"> Administration, duties and operation of the EAA. Believe changes were requested by EAA 	Natural Resources	Monitor
HB 4570	Larson	<ul style="list-style-type: none"> Establishes an advisory board to study surface water and groundwater interaction 		Monitor
SB 851	Perry	<ul style="list-style-type: none"> Amends Ch. 36 to allow reasonable attorney’s fees (including expert witnesses) and other costs up to a cap of \$250k. 	Water & Rural Affairs	Monitor
SB 1010	Perry	<ul style="list-style-type: none"> Amends Ch. 36 to limit the authority of a GCD that overlies a common aquifer with one or more other districts and similarly regulates production from making or enforcing a dissimilar rule 	Water & Rural Affairs	
ARWA – Bills to Monitor (as of 03/19/2019)				
<u>Bill Number</u>	<u>Sponsor</u>	<ul style="list-style-type: none"> <u>General Information</u> 	<u>Committee</u>	<u>ARWA Position</u>
HB 230	Krause	<ul style="list-style-type: none"> Relating to reporting by political subdivisions regarding the receipt or expenditure of federal funds 	House Appropriations	Monitor
HB 245	Farrar	<ul style="list-style-type: none"> Relating to a requirement to make certain environmental and water use permit applications available online 	Environmental Regulation	Monitor

ARWA Bill Tracking – 2019 / 86th Texas Legislature

HB 281	Middleton	<ul style="list-style-type: none"> Relating to the use by a political subdivision of public money for lobbying activities 	State Affairs	Monitor
HB 654 SB 573	Dutton Miles	<ul style="list-style-type: none"> Relating to the definition of “affected person” for purposes of a contested case hearing held by or for the TCEQ regarding certain environmental permits (discharge permits) 	Environmental Regulation Water & Rural Affairs	Monitor
HB 807	Larson	<ul style="list-style-type: none"> Related to the state and regional water planning process Creates an Interregional Planning Council to improve coordination among planning regions, including per capita targets, assess ASR. 	Natural Resources	Monitor
HB 817 SB 655	King Flores	<ul style="list-style-type: none"> Prohibits TCEQ from issuing a new permit or amending an existing permit to authorize an increase in direct discharge of treated wastewater in the Edwards Aquifer Recharge Zone 	Natural Resources Water & Rural Affairs	Monitor
HB 825	Dutton	<ul style="list-style-type: none"> Relating to the notice of intent to obtain an environmental permit sent to certain state legislators 	Environmental Regulation	Monitor
HB 845	Lozano	<ul style="list-style-type: none"> Relating to the eligibility of property used for a water desal project for ad valorem tax benefits under the Texas Economic Development Act 	Ways & Means	Monitor
HB 991 SB 421	Burns Kolkhorst	<ul style="list-style-type: none"> Acquisition of real property be an entity with eminent domain authority. Pertains to private entities, including WSCs. 3/11 sub Senate Bill voted out of cmte 	Land & Rsrce Mgmt State Affairs	Monitor
HB 997	Collier	<ul style="list-style-type: none"> Requires school districts to monitor lead levels in all occupied schools 	Public Education	Monitor
HB 1157	Bell	<ul style="list-style-type: none"> Requires an entity with eminent domain authority to disclose new, amended or updated appraisals after making an initial offer. 	Land & Rsrce Mgmt	Monitor
HB 1229	Shaheen	<ul style="list-style-type: none"> Allows posting on a website to satisfy requirement to post in a newspaper 	County Affairs	Monitor
HB 1245 SB 552	Ashby Schwertner	<ul style="list-style-type: none"> Relating to notice of a property owner’s rights relating to the examination or survey of property by an entity with eminent domain authority Effective date would be 1/1/2020 3/11 sub Senate Bill voted out of cmte 	Land & Rsrce Mgmt State Affairs	Monitor

ARWA Bill Tracking – 2019 / 86th Texas Legislature

HB 1246 SB 553	Ashby Schwertner	<ul style="list-style-type: none"> Initial offer must separate land that will be acquired from eminent domain as compared to property that will not. 3/11 sub Senate Bill voted out of cmte 	Land & Rsrce Mgmt State Affairs	Monitor
HB 1253 SB 554	Leman Schwertner	<ul style="list-style-type: none"> Requires completion of three items from a list of 5, instead of current 2. 3/11 sub Senate Bill voted out of cmte 	Land & Rsrce Mgmt State Affairs	Monitor
HB 1826 SB 1310	King, T. Hinojosa	<ul style="list-style-type: none"> Changes process for amending or revoking a CCN to certain water utilities. 	Natural Resources Water & Rural Affairs	Monitor
HB 1964	Ashby	<ul style="list-style-type: none"> Exempts some minor amendments to surface water permits from notice & technical review. 	Natural Resources	Monitor
HB 1987	Leman	<ul style="list-style-type: none"> Adds a reporting requirement to the Comptroller to entities with eminent domain authority to report outcome of court proceeding challenging the ED authority. 	Land & Rsrce Mgmt	Monitor
HB 2031	Turner	<ul style="list-style-type: none"> Authorizes the TWDB to utilize funds for a statewide water conservation public awareness program. 	Natural Resources	Monitor
HB 2191 SB 944	Capriglione Watson	<ul style="list-style-type: none"> Addresses maintenance and ownership of public information of a gov't body on a private device. 	State Affairs Business & Commerce	Monitor
HB 2527 SB 1732	Leach Paxton	<ul style="list-style-type: none"> Relating to a requirement that certain water districts (would include ARWA & CRWA) make audio and video recordings of open meetings available on the internet 	County Affairs Business & Commerce	Monitor
HB 2663 SB 407	Nevarez Birdwell	<ul style="list-style-type: none"> Requires the Governor to name the presiding officer of all river authorities 	Natural Resources Water & Rural Affairs	Monitor
HB 2862	Landgraf	<ul style="list-style-type: none"> Relating to appointment of special commissioners to assess damages in an ED proceeding Sets schedule for appointments & strikes to be made 	Land & Rsrce Mgmt	Monitor
HB 2957 SB 1379	Zwiener Rodriguez	<ul style="list-style-type: none"> Requires certain recipients of financial assistance from the TWDB to adopt 	Natural Resources	Monitor

ARWA Bill Tracking – 2019 / 86th Texas Legislature

		<p>certain water use restrictions (such as time of day) by their customers</p>		
HB 2998	Talarico	<ul style="list-style-type: none"> Requires public water systems to replace lead service lines to schools and daycares. 	Natural Resources	Monitor
HB 3339 SB 2331	Dominguez Creighton	<ul style="list-style-type: none"> Relating to requirements for programs of water conservation and water conservation plans. 		Monitor
HB 3697	Toth	<ul style="list-style-type: none"> Clarifies Open Meetings Act and when governing body commits an offense by engaging in dialogue either verbally or written without a quorum present. 		Monitor
HB 3998	Wilson	<ul style="list-style-type: none"> Transfer of administration of surface water rights permitting from TCEQ to TWDB. 		Monitor
HB 4254	Metcalf	<ul style="list-style-type: none"> Relating to the procedure for amending or revoking a CCN issues to certain water utilities 		Monitor
HJR 11 SJR 61	Gonzales Lucio	<ul style="list-style-type: none"> Proposing a constitutional amendment providing for issuance of \$200 million in general obligation bonds for water/wastewater projects in economically distressed areas 	Natural Resources	Monitor
SB 1422	Zaffirini	<ul style="list-style-type: none"> Creates the Maxwell SUD at their request 	Intergov't Relations	Monitor
SB 2147	Zaffirini	<ul style="list-style-type: none"> Relating to the development of a method to determine the value of certain real property for purposes of eminent domain 		Monitor

END

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

- F.11** 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 Capital Area Planning Group activities.
-

Gonzales County Underground Water Conservation District (GCUWCD)

The GCUWCD met on March 12th. No items affecting the Authority were discussed.

Plum Creek Conservation District (PCCD)

The PCCD met on March 19th. No items of significance to the Authority were discussed.

Groundwater Management Area 13

No update.

Region L Planning Group

No update.

Guadalupe-Blanco River Authority

No update.

Hays County Activities

No update.

CAPCOG Activities

No update.

Guadalupe Basin Coalition (GBC)

No update.

Board Decision(s) Needed:

- None.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

G. EXECUTIVE DIRECTOR AND LEGAL COUNSEL REPORTS

EXECUTIVE DIRECTOR

Leaseholder BBQ

- Scheduled for Saturday, April 13th from 11:00 AM – 12:30 PM at the Delhi Community Center.

Log and Calendar of Events

- Attached is the log of activities for February along with the 3-month look ahead calendar for the Executive Director.

**Executive Director
Log of Activities**

February						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1-Feb	2-Feb
					GMA-13 Meeting	
					WQ workshop presentation review	
					Water Sharing request form	
3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb
	Mtg w/ LNV	K-H Monthly Check-In	WQ Workshop Presentation mtg	Mtg w/ CRWA on Segment E	Mtg w/ Kerry Fulton	
	Sponsor contacts	LA Process call	Taggart Lunch	WQ workshop agenda	Tech Cmte Agenda	
	Shared water invoice	Revised GBRA invoice	Mtg w/ Kenneth Williams	CM lessons learned scheduling	Call well field landowners	
	CRWA report	Lake Dunlap analysis	TMLIRP affidavit of coverage	2019 SWIFT Issuance Coordination	Sponsor invoices	
10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	16-Feb
	Ops / Admin Facility Call	Lunch with K-H re: Land Acquisition	1B BPS Kickoff Mtg	ROE Discussion	Project Advisory Cmte call	
	ROW Acquisition Call	WQ Workshop	Tech Cmte mtg	1A BPS Construction Mtg	TWDB funds release coordination	
	CRWA Board Mtg	GCUWCD Board Mtg	1A BPS CPRs	Survey Invoice discussion	ROE process	
	January financial info	CRWA letter re: Board appts		GCUWCD coordination	Delivery Point table info	
17-Feb	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb	23-Feb
	K-H WO #3 Call	Tower Meadows coordination	BCRUA CM Lessons Learned	IRWA Ch. 39 Presentation	Prep for Land Acq. Meeting	
	1B ROW Call	Schedule meetings	Notices of payments	ROE Call	Board member changes	
	1B PER Review	ROEs	GVEC coordination	1A BPS CO #1	K-H WO #3 discussion	
	Consultant payments	IRWA presentation prep	ARWA Only PER review		Website FAQs	
	TWDB Funds Release #4					
24-Feb	25-Feb	26-Feb	27-Feb	28-Feb		
	Leaseholder BBQ coordination	Land Acquisition team meeting	CRWA Board of Managers mtg	ROE Status Call		
	1A-A Warranty	GVEC coordination	ARWA Board Meeting	Segment E Route Analysis Call		
	Program survey invoices review			Filing & mailing		
				WTP update meeting		

March 2019

March 2019							April 2019						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28	29	30				
31													

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Feb 24	25	26	27	28	Mar 1 10:00am GBC Meeting (GBRA River Annex)	2
3	4 1:00pm Tracy Scheel Meeting (Kyle City Hall)	5 9:00am Alliance Water - Monthly Check-in 12:30pm ARWA1BAOB - Admin/Ops RFQ	6 11:00am ARWA (CCSUD) - Mike 2:00pm GVEC Power Coordination	7 11:00am Copy: ARWA1B - Weekly ROE 1:00pm ARWA - GCUWCD Permitting	8 Jason - PTO	9
10	11 6:30pm CRWA Board Meeting	12 9:00am ARWA1B - PER Presentation 5:30pm GCUWCD Board Meeting (Gonzales)	13 10:00am Daphne Tenorio Meeting 3:00pm ARWA - Technical Committee	14 10:30am Buda - Delivery 11:00am Copy: ARWA1B 1:30pm 1A BPS - 3:30pm ARWA	15 9:00am Project Advisory Committee Meeting 3:30pm Copy: ARWA1B - Rescheduled	16
17	18	19 1:00pm PCCD Board Meeting (Lockhart) 3:00pm ARWA1B - Alignment	20 10:00am GBRA Board Meeting (Seguin)	21 11:00am Copy: ARWA1B - Weekly ROE 2:00pm ARWA1BPRG - 3:00pm AWRA1BWTP -	22	23
24	25	26	27 10:00am CRWA - Board of Managers Meeting 1:30pm Administrative 3:00pm ARWA Board	28 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) - Sowa	29 8:00am Jason - PTO 10:00am GBC Meeting (Seguin)	30
31	Apr 1	2	3	4	5	6

April 2019

April 2019							May 2019						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30					26	27	28	29	30	31	

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Mar 31	Apr 1 9:00am Copy: Alliance Water - Monthly Check-in (Skype Meeting) - Cobler, Nathan	2	3	4 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) - Sowa, Ryan	5	6
7	8 6:30pm CRWA Board Meeting	9 5:30pm GCUWCD Board Meeting (Gonzales Courthouse)	10 3:00pm ARWA - Technical Committee Meeting	11 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) 1:30pm 1A BPS - Progress Meeting (Job Trailer)	12	13
14	15	16 1:00pm PCCD Board Meeting (Lockhart)	17 10:00am GBRA Board Meeting (Seguin) 11:30am Copy: TAWWA/WEAT Chapter Luncheon (The Toolyard - 4500)	18 10:00am Copy: Region L Staff Workgroup 11:00am Copy: ARWA1B - Weekly ROE 3:00pm TCEQ/TWDB/ARWA/	19	20
21	22	23	24 10:00am CRWA - Board of Managers Meeting 1:30pm Administrative Committee Meeting 3:00pm ARWA Board Meeting	25 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) - Sowa, Ryan	26 9:00am Project Advisory Committee Meeting (Kyle Public Works Facility)	27
28	29	30	May 1	2	3	4

May 2019

May 2019							June 2019						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Apr 28	29	30	May 1	2 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) - Sowa, Ryan	3	4
5	6	7	8 3:00pm ARWA - Technical Committee Meeting	9 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) 1:30pm 1A BPS - Progress Meeting (Job Trailer)	10 10:00am Regional Water Alliance Meeting (200 South Main Street Cibolo, TX 78108) - Hillary Lilly	11
12	13 6:30pm CRWA Board Meeting	14 5:30pm GCUWCD Board Meeting (Gonzales Courthouse)	15 10:00am GBRA Board Meeting (Seguin)	16 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) - Sowa, Ryan	17 9:00am Project Advisory Committee Meeting (Kyle Public Works Facility)	18
19	20	21 1:00pm PCCD Board Meeting (Lockhart)	22 10:00am CRWA - Board of Managers Meeting 1:30pm Administrative Committee Meeting 3:00pm ARWA Board Meeting	23 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) - Sowa, Ryan	24	25
26	27	28	29	30 11:00am Copy: ARWA1B - Weekly ROE Check-In (Skype Meeting) - Sowa, Ryan	31	Jun 1

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS
Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

H. BOARD MEMBER ITEMS OR FUTURE AGENDA ITEMS – no action to be taken.

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 Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.

501 E. Hopkins, San Marcos, TX 78666

- I.1** *Executive Session pursuant to the Government Code, Section 551.071 (Consultation with Attorney) and/or Section 551.072 and 551.073 (Real Property Deliberations):*
- A. Water supply partnership options*
 - B. Groundwater leases*
 - C. Acquisition of real property for water supply project purposes*
-

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

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 Board of Directors

BOARD MEMBER PACKETS
Wednesday, March 27, 2019 at 3:00 P.M.
501 E. Hopkins, San Marcos, TX 78666

J. ADJOURNMENT
