BOARD OF TRUSTEES REGULAR BOARD MEETING
Monday, April 20, 2026
6:00PM

This notice is posted pursuant to the Texas Open Meetings Act (Chapter 551, Texas Government Code.) The Board of Trustees of Canyon Regional Water Authority ("CRWA") will hold a meeting in person at 6:00PM, Monday, April 20, 2026, in CRWA Board Room located at 850 Lakeside Pass, New Braunfels, Texas 78108. The public may attend this meeting in person. As authorized by Texas Government Code Sections 551.127 and 551.131(e) and Section 3.04(b) of the CRWA Bylaws, Members of the Board of Trustees may attend the meeting remotely via video conference. Additional information may be obtained by calling CRWA Office at (830) 609-0543. The CRWA Board of Trustees may consider, discuss, and act on any of the matters identified below.

Item 1. Call to Order

Item 2. Board Roll Call

Item 3. Invocation and Pledge of Allegiance

Item 4. Oath and Statement of Office of New Trustees

Item 5. Announcements

A. The Board of Trustees of Canyon Regional Water Authority ("CRWA") may, during the meeting, close the meeting and hold an executive session pursuant to and in accordance with Chapter 551 of the Texas Government Code (i.e., "Texas Open Meetings Act"). The Board of Trustees may, at any time during the meeting, close the meeting and hold an executive session for consultation with its attorney(s) concerning any of the matters to be considered during the meeting pursuant to Chapter 551 of the Texas Government Code.
B. Appointments to the CRWA Board of Trustees are due May 1, 2026.

Item 6. Public Comment

Members of the public wishing to make a public comment during the meeting must register (a) on the sign-in sheet at the meeting site prior to the meeting and/or (b) by emailing mmeredith@crwa.com prior to the meeting. Written comments may also be submitted. If you wish to speak, please state your name.

A. Comments on non-agenda items – no discussion from the Board of Trustees – three (3) minute time limit per citizen. Time may not be "shared or ceded" to another citizen.
B. Comments on agenda specific items – discussion from/with the Board of Trustees may be allowed – three (3) minute time limit per citizen. Time may not be "shared or ceded" to another citizen.

Item 7. Consent Agenda Items

All items listed below are considered to be routine and non-controversial by the Board of Trustees and will be approved by one motion. There will be no discussion of these items unless a Trustee so

request, in which case the item to be removed from the consent agenda and will be considered and action taken as necessary, as part of the order of business.

A. CRWA 26-04-001 – Approval of Minutes for CRWA Board of Trustees Meeting held February 9, 2026
B. CRWA 26-04-002 – Approval of Minutes for CRWA Board of Trustees Meeting held March 9, 2026
C. CRWA 26-04-003 – Approval of Financial Reports and Check Register Reports
D. CRWA 26-04-004 – Approval of Second (2nd) Quarter Investment Report.

Item 8. Reports

A. General Managers Report
B. Staff Updates
    a. Operations
    b. Budget/Financials
    c. External Affairs and Planning
    d. Administrative
C. Committee and Board of Managers Updates

Item 9. General Business

A. Discuss, consider, and take possible action on Resolution 26-04-005 Approving and Amending the CRWA Employee Handbook Revised May 13, 2024, to include a Credit Use Policy and the Agreement for Wage Deductions Associated with Improper Use of CRWA Credit as applicable.
B. Discuss, consider, and take possible action on Resolution 26-04-006 Adopting and Approving a hard closing date for the month-end financials of the twenty-fifth (25th) of the following month for each individual month or the first business day following the twenty-fifth (25th), in the event that date occurs on a holiday/weekend.
C. Discuss, consider, and take possible action on Resolution 26-04-007 Adopting and Approving the presentation of the CRWA Financial Reports to the CRWA Board of Trustees in the second (2nd) month following the end of the month being reported.
D. Discuss, consider, and take possible action on Resolution 26-04-008 Approving the use of Fiscal Year 2025 remaining funds for needed repairs and replacements at CRWA facilities.
E. Discuss, consider, and take possible action on Resolution 26-04-009 Executing an amendment to the Water Supply Agreement between CRWA and GBRA.
F. Discuss, consider, and take possible action on Resolution 26-04-010 Approving the Utility Agreement with TxDOT for the Channel D project and Authorizing the CRWA General Manager to execute the Utility Agreement.
G. Discuss, consider, and take possible action on Resolution 26-04-011 Accepting nominations for a CRWA Representative to be appointed to the Alliance Regional Water Authority Board of Directors, and appointing a Representative selected by vote of the CRWA Board of Trustees.

Item 10. Executive Session

The Board of Trustees may meet in an executive session to discuss the following items, if any, pursuant to Chapter 551 of the Texas Government Code, including, where appropriate, Sections 551.071, 551.072, 551.074, 551.076, 551.086, 551.089, and 418.183(f) of the Texas Government Code. All formal action will occur in Open Session.

A. Consultation with CRWA Attorney(s) pursuant to Section 551.071 of the Texas Government Code to seek legal advice and discuss settlement offers in connection with Cause No. 25-0782-CV-E; *City of San Marcos vs. Canyon Regional Water Authority, County Line Special Utility District, Crystal Clear Special Utility District, Maxwell Special Utility District and Martindale Water Supply Corporation*; Pending in the 456th District Court of Guadalupe County, Texas.
B. Consultation with CRWA's attorney(s) concerning properties subject to groundwater leases and intentions to drill exempt wells.
C. Consultation with CRWA's attorney(s) pursuant to Section 551.074 of the Texas Government Code regarding the employment, evaluation, and duties of the General Manager including review of the status of the General Manager's goals.

Item 11. Return to Open Session
The Board of Trustees may consider, deliberate, and act on the items discussed in Executive Session, if any.

Item 12. Future Board Member Agenda Items
Next Board of Trustees meeting – May 11, 2026

Item 13. Adjourn the Meeting

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	AGENDA NUMBER
04/13/2026	CONSENT AGENDA ITEM BOARD OF TRUSTEES MEETING MINUTES OF FEBRUARY 09, 2026	CRWA 26-04-001

INITIATED BY KERRY AVERYT / MICHAELLA MEREDITH

STAFF RECOMMENDATION

Approve the Minutes of the Regular Board Meeting of the Board of Trustees held on February 09, 2026, as amended, or not amended.

BACKGROUND INFORMATION

The minutes of the meeting are attached.

FINANCIAL IMPACT

None

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-001

BE IT RESOLVED that the Minutes of the Regular Meeting of the Board of Trustees held February 09, 2026, as amended, or not amended, are approved.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

BOARD OF TRUSTEES REGULAR BOARD MEETING MINUTES
CANYON REGIONAL WATER AUTHORITY
Monday, February 9, 2026
6:00PM – 7:36PM

Item 1. Call to Order

- President Rohan called the meeting to order at 6:00PM.

Item 2. Board Roll Call

- President Rohan called roll and the following sixteen (16) Trustees were in attendance:

Ted Gibbs	Stephanie Gonzalez
Shari McDaniel	Humberto Ramos
Tracy Scheel	Mabel Vaughn
Doris Steubing	Andrea Velasquez
Brandon Rohan	Donetta Roberts
Mark Davis	Nicholas Sherman
Keith Steffen	Isaac Equia (online)
Michael Saldaña	Dan Huebner (6:01PM)

- Additional individuals in attendance were as follows:

CRWA Staff	**Consultants and Guests**
Kerry Averyt	Phil Gage
Regina Franke	Trey Wilson
Brian Zaleskey	Ruben Barrera
David McMullen	Brud Brown
Joan Wilkinson	Kim Roach
Adam Telfer	Jesse Peña
Bobby Rodriguez	Daniel Smith
Fran Powers	Luis Cuellar
Hanna Diaz	Graham Moore
Michaella Meredith	

Item 3. Invocation and Pledge of Allegiance

- Trustee Davis provided the Invocation.

Item 4. Oath and Statement of Office of New Trustees

- Dan Huebner (Martindale WSC) was sworn in by President Rohan.
- Michael Saldaña and Andrea Velasquez (Crystal Clear SUD) were sworn in by President Rohan prior to the Call to Order.

Item 5. Announcements

- President Rohan read the announcement regarding Executive Session as related to Chapter 551 of the Texas Government Code.
- Trustee Gonzalez announced that the City of Converse has a new mayor.

Item 6. Public Comment

A. Comments on non-agenda items
- There were no comments regarding non-agenda items.

B. Comments on agenda specific items
- There were no comments regarding agenda specific items.

Item 7. Consent Agenda Items

A. CRWA 26-02-001 – Approval of Minutes for CRWA Board of Trustees Meeting held January 12, 2026

DRAFT 02-09-2026 MINUTES FOR BD PKT 04-20-2026

B. CRWA 26-02-002 – Approval of Financial Reports and Check Register Reports

- ***Vice-President Sherman made a motion to approve the Consent Agenda as presented (Resolution 26-02-001 and 26-02-002). Trustee Scheel seconded the motion. President Rohan called for a vote. The motion passed with sixteen (16) Ayes.***

Item 8. Reports

A. Water Supply, Facility Operations, and Capital Projects

- **Adam Telfer** provided his report summary.
- Trustee Scheel made a request. Mr. Telfer will provide a short presentation at the March 9, 2026, board meeting regarding Texas Water Development Board (TWDB) Water Use Survey and Texas Commission on Environmental Quality (TCEQ) Tier 2 annual reporting. Additionally, the Pilot Study report will be provided to the Construction Committee once it is finalized.
- Trustee Roberts made a request. Mr. Telfer will provide Guadalupe Blanco River Authority (GBRA) Long-Term and Additional Long-Term allocations for 2026 via email to Trustee Roberts.
- Trustee Ramos made a request. Mr. Telfer will provide information regarding the difference between raw water and water amounts produced/sold.
- **David McMullen** provided his report summary. Trustee Ramos made a request. Mr. Averyt will provide information regarding the percentage of utilization of each facility.
- **Bobby Rodriguez** provided his report summary.

B. External Affairs, Regional Planning and Administrative

- **Chelsea Hawkins** provided her report summary.
- **Kerry Averyt** provided his report summary.
- **Counselor Wilson** provided his report summary. Trustee Ramos had a request. President Rohan will provide the method of disbursement regarding the City of San Marcos potential settlement.
- **Counselor Barrera** provided his report summary. President Rohan made a request. Counselor Barrera will provide an update to the CRWA Administrative Policy specific to Section 3.05.

C. Committee and Board of Managers

- **President Rohan** provided the Executive Committee report summary.
- **Treasurer McDaniel** provided the Budget Committee report summary. Treasurer McDaniel had a request. Regina Franke will provide a Draft Credit Use Policy.
- **Phil Gage** provided the Board of Managers report summary. Mr. Gage had a request. Mr. Averyt will provide a list of potential projects (per CRWA facility) for which the remaining FY2025 funds could be utilized.
- The Construction Committee, Contract Review Committee, and Litigation Committee did not meet.

Item 9. General Business

A. Presentation of Fiscal Year 2025 Audit: Discuss, consider, and take possible action on Resolution 26-02-003 Accepting and Approving the Fiscal Year 2025 Audit.

- **Kim Roach**, CPA-Armstrong, Vaughan & Associates, P.C. presented the FY2025 Audit.
- ***Trustee Scheel made a motion to approve the FY2025 Audit. Trustee Steffen seconded the motion. President Rohan called for a vote. The motion passed with sixteen (16) Ayes.***

B. Discuss, consider, and take possible action on Resolution 26-02-004 Amending the Alliance Regional Water Authority Fiscal Year 2026 Budget.

DRAFT 02-09-2026 MINUTES FOR BD PKT 04-20-2026

- ***Trustee Scheel made a motion to approve Item 9. B. as stated by President Rohan. Trustee Gonzalez seconded the motion. President Rohan called for a vote. The motion passed with sixteen (16) Ayes.***

C. Discuss, consider, and take possible action on Resolution 26-02-005 Approving the Ratification of the Amendment to the Lease Agreement between Canyon Regional Water Authority and Hilmar D. Blumberg, Frost Bank, Trustee of the Hilmar Daniel Blumberg Trust UWO Jane Weinert Blumberg, Hilmar Daniel Blumberg and Kaaren Blumberg, Co-Trustee of the Jordan T. Blumberg 1994 Trust, and Jordan T. Blumberg for Guadalupe County.
   - ***Trustee Steffen made a motion to approve this item. Trustee Saldaña seconded the motion. President Rohan called for a vote. The motion passed with sixteen (16) Ayes.***

D. Discuss, consider, and take possible action on Resolution 26-02-006 Accepting Nominations for a CRWA Representative to be Appointed to the Alliance Regional Water Authority Board of Directors, and Appointing a Representative Selected by Vote of the CRWA Board of Trustees.
   - ***Trustee Scheel made a motion to nominate Michael Saldaña to serve on the ARWA Board of Directors. Vice-President Sherman seconded the motion. President Rohan called for a vote. The motion passed with sixteen (16) Ayes.***

E. Discuss, consider, and take possible action on Amending the CRWA Board of Trustees Administrative Policy to include a policy on hiring past and present appointed CRWA Board Members and hiring past and present appointed CRWA Board Member immediate family members at CRWA. *(Trustee Ramos)*
   - Counselor Barrera requested more time to work on the language for this item.
   - ***Trustee Ramos made a motion to table this item. Secretary Gibbs seconded the motion. President Rohan called for a vote. The motion passed with sixteen (16) Ayes.***

F. Discuss reducing the number of members on the CRWA Board of Trustees from twenty-two (22) to eleven (11). *(President Rohan)*
   - President Rohan did not request any action. Secretary Gibbs, Treasurer McDaniel, Trustee Steffen, and Trustee Ramos each posed questions. President Rohan will follow-up at a later date.

Item 10. Executive Session
- No Executive Session was held; the Trustees remained in Open Session.

Item 11. Return to Open Session.
- No Executive Session was held; the Trustees remained in Open Session.

Item 12. Future Board Member Agenda Items
- Discuss language on the Administrative Policy
- Discuss approving Credit Use Policy
- Next Board of Trustees meeting – March 9, 2026

Item 13. Adjourn the Meeting
- ***Secretary Gibbs made a motion to adjourn the meeting. Treasurer McDaniel seconded the motion. President Rohan adjourned the meeting at 7:36PM.***

DRAFT 02-09-2026 MINUTES FOR BD PKT 03-09-2026

Please use the provided link https://www.youtube.com/watch?v=2DH53cbgkEU to view the February 9, 2026, CRWA Board of Trustees meeting.

Respectfully submitted,

Secretary Ted Gibbs

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	AGENDA NUMBER
04/20/2026	CONSENT AGENDA ITEM BOARD OF TRUSTEES MEETING MINUTES OF MARCH 9, 2026	CRWA 26-04-002

INITIATED BY

KERRY AVERYT / MICHAELLA MEREDITH

STAFF RECOMMENDATION

APPROVE THE MINUTES OF THE REGULAR BOARD MEETING OF THE BOARD OF TRUSTEES HELD ON MARCH 9, 2026, AS AMENDED, OR NOT AMENDED.

BACKGROUND INFORMATION

THE MINUTES OF THE MEETING ARE ATTACHED.

FINANCIAL IMPACT

NONE

MOTION

MOTION TO APPROVE THE FOLLOWING RESOLUTION.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-002

BE IT RESOLVED THAT THE MINUTES OF THE REGULAR MEETING OF THE BOARD OF TRUSTEES HELD MARCH 9, 2026, AS AMENDED, OR NOT AMENDED, ARE APPROVED.

ADOPTED THIS 20TH DAY OF APRIL 2026

AYES ____ NAYS____ ABSTAINED____ ABSENT____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

BOARD OF TRUSTEES REGULAR BOARD MEETING MINUTES
CANYON REGIONAL WATER AUTHORITY
Monday, March 9, 2026
6:00PM – 8:17PM

Item 1. Call to Order

- President Rohan called the meeting to order at 6:00PM.

Item 2. Board Roll Call

- President Rohan called roll and the following seventeen (17) Trustees were in attendance:

Ted Gibbs	Stephanie Gonzalez
Shari McDaniel	Mabel Vaughn
Tracy Scheel	Andrea Velasquez
Doris Steubing	Donetta Roberts
Brandon Rohan	Dan Huebner
Mark Davis	Marc Gilbert
Martin Poore	James Forssell
Keith Steffen	Nicholas Sherman (online)
Michael Saldaña	

- Additional individuals in attendance were as follows:

CRWA Staff	**Consultants and Guests**	
Kerry Averyt	Phil Gage	Graham Moore
Regina Franke	Trey Wilson	Jim Poage
Brian Zalesky	Ruben Barrera	John Frias
David McMullen	Brud Brown	Devon Montoya
Joan Wilkinson	Steven Siebert	Luis Cuellar
Adam Telfer	Jesse Peña	Michael Long
Bobby Rodriguez		
Hanna Diaz		

Item 3. Invocation and Pledge of Allegiance

- Trustee Davis provided the Invocation.

Item 4. Oath and Statement of Office of New Trustees

- There was no Oath and Statement of Office administered.

Item 5. Announcements

- President Rohan read the announcement regarding Executive Session as related to Chapter 551 of the Texas Government Code.

Item 6. Public Comment

A. Comments on non-agenda items
- Michael Long provided a public comment.
- Jim Poage provided a public comment.

B. Comments on agenda specific items
- There were no comments regarding agenda specific items.

Item 7. Consent Agenda Items

A. CRWA 26-03-001 – Approval of Minutes for CRWA Board of Trustees Meeting held February 9, 2026
- Trustee Steubing requested that Minutes for CRWA Board of Trustees Meeting held February 9, 2026 (Item 7. A.), be pulled from the Consent Agenda.

B. CRWA 26-03-002 – Approval of Financial Reports and Check Register Reports

DRAFT 03-09-2026 MINUTES FOR BD PKT 04-20-2026

- ***Trustee Scheel made a motion to approve the Consent Agenda Item 7. B. as presented (Resolution 26-03-002). Trustee Steffen seconded the motion. President Rohan called for a vote. The motion passed with seventeen (17) Ayes.***
- ***Trustee Steubing made a motion to table the Consent Agenda Item 7. A. until next month (April 13, 2026). Trustee Scheel seconded the motion. President Rohan called for a vote. The motion passed with sixteen (16) Ayes and one (1) Nay.***

Item 8. Reports

A. Water Supply, Facility Operations, and Capital Projects

- **Adam Telfer** provided his report summary. President Rohan had a request. Mr. Telfer explained Bin classification.
- **David McMullen** provided his report summary. President Rohan had a request. Mr. McMullen will continue providing updates as applicable to the Construction Committee regarding leak/repair to Raw Water Tank #1 (Wells Ranch).

B. External Affairs, Regional Planning and Administrative

- **Chelsea Hawkins** provided her report summary.
- **Kerry Averyt** provided his report summary. Vice-President Sherman had a request. Mr. Averyt will provide the easement document for High Point Ridge/Wells Ranch access road to the Board of Trustees.
- **Counselor Wilson** and **Counselor Barrera** deferred their reports to be heard during Executive Session.

C. Committee and Board of Managers

- **President Rohan** provided the Executive Committee report summary.
- **Treasurer McDaniel** provided the Budget Committee report summary.
- **Vice-President Sherman** provided the Construction Committee report summary. Vice-President Sherman had a request. David McMullen provided an update on the Raw Water Tank #1 (Wells Ranch).
- **Phil Gage** provided the Board of Managers report summary. On behalf of the Board of Managers, Mr. Gage recommended approving the Participation Agreement and authorizing the General Manager to execute each Participation Agreement with each individual applicable entity (Crystal Clear SUD, East Central SUD, Green Valley SUD, and Springs Hill SUD).
- The Contract Review Committee and Litigation Committee did not meet.

Item 9. General Business

A. Discuss, consider, and take possible action on Resolution 26-03-003 Amending the CRWA Board of Trustees administrative policies to include a policy on hiring past and present appointed CRWA Board Members and hiring past and present appointed CRWA Board Member immediate family members at CRWA. *(Trustee Ramos)*

- ***Trustee Scheel made a motion to approve the policy as written in its entirety. Trustee Steubing seconded the motion. President Rohan called for a roll call vote.***

Ted Gibbs ***Nay***	Stephanie Gonzalez ***Aye***
Shari McDaniel ***Nay***	Mabel Vaughn ***Aye***
Tracy Scheel ***Aye***	Andrea Velasquez ***ABST***
Doris Steubing ***Aye***	Donetta Roberts ***Nay***
Brandon Rohan ***Nay***	Dan Huebner ***Aye***
Mark Davis ***Aye***	Marc Gilbert ***Aye***
Martin Poore ***Nay***	James Forssell ***Aye***
Keith Steffen ***Nay***	Nicholas Sherman (online) ***Nay***
Michael Saldaña ***Nay***	

DRAFT 03-09-2026 MINUTES FOR BD PKT 04-20-2026

The motion failed with a vote of eight (8) Ayes, eight (8) Nays, and one (1) Abstention.

- ***Secretary Gibbs made a motion to adopt the language from the first paragraph (paragraph A) and not to adopt the language in the second paragraph (paragraph B). Trustee Steffen seconded the motion. President Rohan called for a roll call vote.***

Ted Gibbs ***Aye***	Stephanie Gonzalez ***Aye***
Shari McDaniel ***Aye***	Mabel Vaughn ***Aye***
Tracy Scheel ***Nay***	Andrea Velasquez ***ABST***
Doris Steubing ***Aye***	Donetta Roberts ***Aye***
Brandon Rohan ***ABST***	Dan Huebner ***Aye***
Mark Davis ***Aye***	Marc Gilbert ***Aye***
Martin Poore ***Aye***	James Forssell ***Aye***
Keith Steffen ***Aye***	Nicholas Sherman (online) ***Aye***
Michael Saldaña ***Aye***	

The motion passed with fourteen (14) Ayes, one (1) Nay, and two (2) Abstentions.

B. Discuss, consider, and take possible action on Resolution 26-03-004 Amending the CRWA Board of Trustees administrative policies to include a revised credit card policy.
   - ***Trustee Scheel made a motion to table this item. Trustee Steubing seconded the motion. President Rohan called for a vote. The motion passed with sixteen (16) Ayes and one (1) Nay.***
   - The Draft Credit Use Policy will be included in the April 13, 2026, board packet for consideration by the Board of Trustees.

C. Discuss, consider, and take possible action on Resolution 26-02-005 Executing short-term agreements for water reservation and project development participation with East Central SUD, Crystal Clear SUD, Green Valley SUD, and Springs Hill SUD associated with the Brackish Carrizo-Wilcox Project.
   - ***Trustee Steubing made a motion to approve the short-term agreement subject to the two (2) modifications (capitalize county/ies in line three (3) of the third (3rd) WHEREAS/paragraph and insert "to" in-between "intended" and "offset" in line eight (8) of Article 2.1. Trustee Scheel seconded the motion. President Rohan called for a vote. The motion passed with seventeen (17) Ayes.***

D. Discuss, consider, and take possible action on Resolution 26-02-006 Executing an amendment to the Water Supply Agreement between CRWA and GBRA related to the VFD Upgrades project.
   - ***Trustee Poore made a motion to table this item. Secretary Gibbs seconded the motion. President Rohan called for a vote. The motion passed with seventeen (17) Ayes.***
   - The Draft CRWA-GBRA Amendment will be included in the April 13, 2026, board packet for consideration by the Board of Trustees.

Item 10. Executive Session

- President Rohan read the announcement regarding Executive Session as related to Chapter 551 of the Texas Government Code and closed Open Session at 7:34PM.
- Executive Session was held from 7:41PM – 8:13PM.

Item 11. Return to Open Session.

- President Rohan Called to Order the Return to Open Session at 8:15PM.
- **No action was taken as a result of Executive Session.**

Item 12. Future Board Member Agenda Items

- Next Board of Trustees meeting – April 13, 2026

Item 13. Adjourn the Meeting

DRAFT CRWA BOARD MEETING MINUTES FOR BD PKT 04-20-2026

- ***Secretary Gibbs made a motion to adjourn the meeting. President Rohan adjourned the meeting at 8:17PM.***

Please use the provided link https://www.crwa.com/document/board-of-trustees-meeting-march-9-2026/ to view the March 9, 2026, CRWA Board of Trustees meeting.

Respectfully submitted,

Secretary Ted Gibbs

DRAFT 03-09-2026 MINUTES FOR BD PKT 04-20-2026

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	AGENDA NUMBER
04/20/2026	FINANCIAL REPORT AND CHECK REGISTER REPORT	CRWA 26-04-003

INITIATED BY JOAN WILKINSON

STAFF RECOMMENDATION

Approve the March 2026 Financial Reports and Check Registers Report until audited.

BACKGROUND INFORMATION

The March 2026 Financial Reports and Check Register Reports are attached.

FINANCIAL IMPACT

None

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-003

BE IT RESOLVED that the March 2026 Financial Reports and Check Register Reports of Canyon Regional Water Authority are approved until audited.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

CANYON REGIONAL WATER AUTHORITY
Balance Sheet
As of March 31, 2026

	Mar 31, 26	
ASSETS		
Current Assets		
Checking/Savings		
1001 · First United Bank		
1006 · First United Checking #5207	6,867,273.37	
1010 · First United Special #7162	2,866.15	
1015 · Money Market #2160	2,008,017.21	
1017 · HC SM Capacity Buy-In #6744	413,111.86	
Total 1001 · First United Bank		9,291,268.59
1100 · First United Bank (Res)		
1105 · LD/MC Series 2016, #3017	3,413,114.98	
1111 · HC Series 2017 #6074	72,447.39	
1109 · HC Series 2021 #6663	529,836.27	
1113 · HC Counties 2021 Ref #0636	130,175.80	
1132 · Wells Ranch Series 2015, #6031	2,696,164.82	
1133 · Wells Ranch Series 2016, #3009	2,407,506.98	
1134 · Wells Ranch Series 2021 #0911	875,884.35	
1140 · L/D Membrane Fund #5701	1,451,704.45	
1142 · H/C Membrane Fund #5693	525,987.50	
1145 · Repair & Replacement Fund	10,949,041.03	
Total 1100 · First United Bank (Res)		23,051,863.57
1120 · Logic		
1121 · Logic, General Funds	1,352,486.34	
1127 · Wells Ranch, Construction #027	875.09	
1158 · HC Construction	8,850,222.13	
Total 1120 · Logic		10,203,583.56
1160 · BOKF, NA, Austin,WR Series 2015		138,776.39
1161 · BOKF, NA,Austin, HC Series 2017		4,599,866.27
Total Checking/Savings		47,285,358.38
Accounts Receivable		
1200 · Accounts Receivable		5,230,507.81
1205 · A/R, Alliance Water		
1205-01 · A/R, Alliance,Crystal Clear SUD	1,460,228.07	
1205-02 · A/R, Alliance, Martindale WSC	6,838.05	
1205-03 · A/R, Alliance, Green Valley SUD	774,207.53	
Total 1205 · A/R, Alliance Water		2,241,273.65
1206 · A/R, GBRA RRWDS VFD Project		
1206-01 · A/R, GBRA, County Line SUD	97,561.80	
1206-03 · A/R, GBRA, Martindale WSC	4,630.50	
Total 1206 · A/R, GBRA RRWDS VFD Project		102,192.30
Total Accounts Receivable		7,573,973.76
Total Current Assets		54,859,332.14
Fixed Assets		
1400 · Capital Assets		
1404 · Administration Building	586,288.00	
1406 · Capitalized Construction Intere	11,273,728.00	
1410 · Equipment & Vehicles	626,570.47	
1411 · Nanostone - Lake Dunlap	1,131,411.20	
1416 · Hays Caldwell	6,437,579.37	
1420 · Lake Dunlap Phase I	4,764,833.00	
1422 · Mid-Cities Phase I	8,475,370.50	
1424 · Office Equipment	158,198.93	
1434 · Property Improvements	60,021.00	
1436 · River Crossing	577,934.36	
1439 · LD-Strainer Improvements	746,519.03	

CANYON REGIONAL WATER AUTHORITY
Balance Sheet
As of March 31, 2026

	Mar 31, 26	
1441 · LD Ozone Project		3,677,549.16
1442 · Dunlap Water Treatment Plant		5,151,927.29
1443 · Dunlap Chemical Tanks		30,326.57
1444 · Hays Caldwel Phase 2		2,053,300.19
1445 · HC Chemical Tanks		5,293.13
1446 · Mid-Cities Phase 2		32,322,395.02
1447 · Hays Caldwell Expansion-2017		
1447-01 · HC Expansion, Capitalized Int	122,276.51	
1447 · Hays Caldwell Expansion-2017 - Other	12,116,188.89	
Total 1447 · Hays Caldwell Expansion-2017		12,238,465.40
1448 · H/C Membrane Replacement		239,298.14
1449 · Hays Caldwell TM-Reedville Line		822,658.61
1450 · Wells Ranch Project		
1450-01 · WellsRanch, Cap Interest	5,041,728.49	
1450 · Wells Ranch Project - Other	40,885,863.75	
Total 1450 · Wells Ranch Project		45,927,592.24
1451 · Wells Ranch Phase II-2011		
1451-01 · Capitalized Interest	1,872,118.97	
1451 · Wells Ranch Phase II-2011 - Other	14,100,115.24	
Total 1451 · Wells Ranch Phase II-2011		15,972,234.21
1452 · Wells Ranch Phase II-2015		
1452-01 · Capitalized Interest	1,930,053.69	
1452 · Wells Ranch Phase II-2015 - Other	42,434,746.34	
Total 1452 · Wells Ranch Phase II-2015		44,364,800.03
1453 · Wells Ranch III		
1453-01 · WR III, Phase I	454,744.07	
1453 · Wells Ranch III - Other	685,179.16	
Total 1453 · Wells Ranch III		1,139,923.23
1491 · Right of Use Asset		612,153.36
1490 · Accumulated Depreciation		-60,305,163.96
Total 1400 · Capital Assets		139,091,206.48
Total Fixed Assets		139,091,206.48
Other Assets		
1805 · Deferred Outflow-Pension		280,564.66
1670 · Land		
1672 · Johnson Abstract #47		163,243.95
1673 · Hays Caldwell Project		
1673-01 · Carlisle - 2.009 Acres	549,930.44	
1673-02 · Land Acquisition Consultant HC	5,698.00	
Total 1673 · Hays Caldwell Project		555,628.44
1674 · Randolph Foster 10 Acres		290,837.56
1675 · Wells Ranch Project		62,061.82
1676 · Land & Land Rights		1,276,634.70
1677 · HC Reedville Pipeline Easements		252,132.00
Total 1670 · Land		2,600,538.47
1703 · Water Rights		3,439,604.49
1800 · Deferred Loss on Debt Refunding		73,987.00
Total Other Assets		6,394,694.62
TOTAL ASSETS		200,345,233.24

CANYON REGIONAL WATER AUTHORITY
Balance Sheet
As of March 31, 2026

	Mar 31, 26	
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
2000 · Accounts Payable		543,256.32
Total Accounts Payable		543,256.32
Other Current Liabilities		
2355 · Deferred Inflow - OPEB		2,274.00
2350 · Total OPEB Liability		11,424.00
2310 · Deferred Inflow-Pension		4,184.00
2300 · Net Pension Liability		72,857.00
2451 · Current Portion of Capital Leas		462,804.56
2050 · Accrued Interest Payable		438,619.30
2140 · Texas Workforce		1,526.36
2165 · TCDRS Retirement Payable		41,153.77
Total Other Current Liabilities		1,034,842.99
Total Current Liabilities		1,578,099.31
Long Term Liabilities		
2200 · Deferred Revenue - San Marcos		4,448,115.00
2450 · Long Term Capital Lease		159,472.04
2400 · Bonds Payable		
2408 · LD/MC Tax-Exempt Series 2016	10,510,000.00	
2430 · Hays Caldwell Series 2017	3,570,000.00	
2431 · Hays Caldwell TE Series 2021	10,950,000.00	
2432 · Hays Caldwell Series 2021 Ref	1,735,000.00	
2443 · Wells Ranch Series 2015	28,270,000.00	
2446 · Wells Ranch Series 2016	17,360,000.00	
2447 · Wells Ranch Series 2021	11,175,000.00	
Total 2400 · Bonds Payable		83,570,000.00
2490 · Unamortized Premiums		3,173,146.00
Total Long Term Liabilities		91,350,733.04
Total Liabilities		92,928,832.35
Equity		
3810 · Restricted for Membranes		1,896,216.00
3820 · Restricted for Debt Service		5,063,747.00
3950 · Retained Earnings		24,062,644.19
3975 · Inv in Cap Asset, net of debt		64,741,171.50
Net Income		11,652,622.20
Total Equity		107,416,400.89
TOTAL LIABILITIES & EQUITY		**200,345,233.24**

Canyon Regional Water Authority
Profit Loss Budget vs. Actual
March 2026

	March 2026	October 2025 March 2026	Annual Budget	$ Over/(Under) Annual Budget	% of Annual Budget
Income					
4000 · Revenues					
4002 · Debt Payments	975,764.20	5,854,585.20	11,709,638.24	-5,855,053.04	50.0%
4003 · Raw Water	553,175.57	3,319,053.42	7,560,324.58	-4,241,271.16	43.9%
4004 · Water-New Berlin	0.00	0.00	57,023.93	-57,023.93	0.0%
4009 · Membrane Replacement Fund	37,268.24	223,609.44	588,400.54	-364,791.10	38.0%
4010 · Line Use & Delivery Contracts	12,409.20	76,912.58	258,231.83	-181,319.25	29.78%
4011 · Line Use New Berlin	1,429.94	8,579.64	17,160.00	-8,580.36	50.0%
4012 · Raw Water Delivery Fees	36,809.80	203,328.93	614,385.71	-411,056.78	33.1%
4017 · Water Sales	630,512.74	3,402,934.80	7,402,038.85	-3,999,104.05	45.97%
4018 · Plant Operations	463,783.08	2,782,698.48	5,565,619.59	-2,782,921.11	50.0%
4020 · Repair & Replacement Funds	689,413.81	4,136,482.86	8,358,583.00	-4,222,100.14	49.49%
4022 · CRWA Administrative	311,547.85	1,869,287.10	3,844,182.61	-1,974,895.51	48.63%
4023 · Alliance Water	750,721.79	4,483,506.71	8,901,556.25	-4,418,049.54	50.37%
4024 · Interest Income General	51,756.84	334,387.27	0.00	334,387.27	100.0%
4026 · Interest Income Bond Accounts	28,873.82	159,190.99	0.00	159,190.99	100.0%
4028 · Interest Construction Accounts	40,541.67	287,280.34	0.00	287,280.34	100.0%
4030 · Other Income	343.11	2,228.67	0.00	2,228.67	100.0%
Total 4000 · Revenues	4,584,351.66	27,144,066.43	54,877,145.13	-27,733,078.70	49.46%
Expense					
5000 · Bond Repayments					
5005 · Bond Payments	1,015,976.34	6,095,858.00	11,709,638.24	-5,613,780.24	52.06%
Total 5000 · Bond Repayments	1,015,976.34	6,095,858.00	11,709,638.24	-5,613,780.24	52.06%
5500 · Water Purchases					
5501 · Raw Water Purchases	204,069.88	3,439,131.80	7,560,324.58	-4,121,192.78	45.49%
5502 · Water Purchases, New Berlin	0.00	0.00	57,023.93	-57,023.93	0.0%
Total 5500 · Water Purchases	204,069.88	3,439,131.80	7,617,348.51	-4,178,216.71	45.15%
5600 · Membrane Funds	40,284.00	241,704.00	588,400.54	-346,696.54	41.08%
5700 · Repair & Replacement Funds	48,203.78	398,375.69	8,358,583.00	-7,960,207.31	4.77%
6000 · Line Use & Delivery Costs					
6005 · Line Use Contract Maxwell	2,426.49	19,297.44	124,416.59	-105,119.15	15.51%
6008 · Line Use Contract New Berlin	0.00	0.00	17,160.00	-17,160.00	0.0%
6010 · Line Contract GBRA	11,151.27	66,907.62	133,815.24	-66,907.62	50.0%
6011 · GBRA Raw Water Delivery Fees	32,620.29	204,537.60	614,385.71	-409,848.11	33.29%
Total 6000 · Line Use & Delivery Costs	46,198.05	290,742.66	889,777.54	-599,034.88	32.68%

Canyon Regional Water Authority
Profit Loss Budget vs. Actual
March 2026

	March 2026	October 2025 March 2026	Annual Budget	$ Over/(Under) Annual Budget	% of Annual Budget
7000 · Plant Expenses-Variable Costs					
7005 · Plant Utilities	96,641.42	1,338,446.31	3,452,658.09	-2,114,211.78	38.77%
7010 · Chemicals	140,498.40	1,329,691.83	3,955,580.76	-2,625,888.93	33.62%
Total 7000 · Plant Expenses-Variable Costs	237,139.82	2,668,138.14	7,408,238.85	-4,740,100.71	36.02%
7100 · Operating Expenses					
7110 · Mechanical Operations					
7110-01 · Supplies	896.94	3,242.59	15,000.00	-11,757.41	21.62%
7110-02 · Vehicle Operations	560.25	2,136.48	6,000.00	-3,863.52	35.61%
Total 7110 · Mechanical Operations	1,457.19	5,379.07	21,000.00	-15,620.93	25.62%
7115 · Plant Maintenance & Supplies	132,029.62	736,154.65	1,737,000.00	-1,000,845.35	42.38%
7116 · Generator & Compressor Maint.	11,737.87	40,300.55	109,400.00	-69,099.45	36.84%
7117 · Equipment rental	8,498.84	30,928.10	58,400.00	-27,471.90	52.96%
7120 · SCADA	4,581.50	30,048.74	131,000.00	-100,951.26	22.94%
7122 · Vehicle Operations	43,961.80	56,965.86	278,000.00	-221,034.14	20.49%
7125 · Grounds Maintenance	3,501.60	57,136.74	172,800.00	-115,663.26	33.07%
7131 · Permits and Fees	0.00	14,860.98	29,050.00	-14,189.02	51.16%
7135 · Lab Supplies & Testing Fees	16,369.63	58,961.87	151,000.00	-92,038.13	39.05%
7140 · Insurance	0.00	167,139.98	184,905.96	-17,765.98	90.39%
7150 · Meals & Functions	66.53	10,205.45	55,500.00	-45,294.55	18.39%
7155 · Memberships & Dues	0.00	4,929.00	6,850.00	-1,921.00	71.96%
7160 · Mileage	625.23	7,074.50	7,750.00	-675.50	91.28%
7162 · Office Supplies and Expense	4,387.91	24,208.45	130,000.00	-105,791.55	18.62%
7165 · Training	0.00	1,030.00	10,500.00	-9,470.00	9.81%
7170 · Clothing	0.00	6,000.00	11,000.00	-5,000.00	54.55%
7175 · Telephones	520.97	2,844.22	6,000.00	-3,155.78	47.4%
7180 · Mobile Telephones	1,278.36	7,693.89	17,200.00	-9,506.11	44.73%
7190 · Network Expenses	4,913.97	11,297.62	15,000.00	-3,702.38	75.32%
7191 · Internet Domain	480.47	2,882.82	6,000.00	-3,117.18	48.05%
7192 · Security and Backup System	1,209.46	5,349.18	7,500.00	-2,150.82	71.32%
7193 · GIS Management Program	0.00	0.00	10,000.00	-10,000.00	0.0%
7195 · Contract Labor	0.00	0.00	4,000.00	-4,000.00	0.0%
7196 · GW Transport/Pumping Fees	16,840.01	220,849.17	355,000.00	-134,150.83	62.21%
7199 · Office Building Expansion/Rental	9,264.23	20,300.68	65,000.00	-44,699.32	31.23%
Total 7100 · Operating Expenses	261,725.19	1,522,541.52	3,579,855.96	-2,057,314.44	2,342.37%
7500 · Payroll Expenses					
7505 · Annual Pay	195,603.01	951,077.53	2,861,623.17	-1,910,545.64	33.24%
7510 · Overtime	13,424.55	69,021.52	161,081.78	-92,060.26	42.85%
7530 · On Call	300.00	2,400.00	15,600.01	-13,200.01	15.39%
Total 7500 · Payroll Expenses	209,327.56	1,022,499.05	3,038,304.96	-2,015,805.91	33.65%

Canyon Regional Water Authority
Profit Loss Budget vs. Actual
March 2026

	March 2026	October 2025 March 2026	Annual Budget	$ Over/(Under) Annual Budget	% of Annual Budget
7600 · Employee Benefits					
7605 · Payroll Taxes	15,511.17	75,405.72	254,464.57	-179,058.85	29.63%
7610 · Insurance	23,513.06	149,381.17	426,027.31	-276,646.14	35.06%
7615 · Retirement	26,249.67	129,158.52	384,649.40	-255,490.88	33.58%
Total 7600 · Employee Benefits	65,273.90	353,945.41	1,065,141.28	-711,195.87	33.23%
7800 · Professional Fees					
7801 · SEC Disclosure	0.00	0.00	2,500.00	-2,500.00	0.0%
7802 · Bank Service Fees	20.00	110.00	1,000.00	-890.00	11.0%
7803 · 401(k) Plan Fees	0.00	1,000.00	3,500.00	-2,500.00	28.57%
7806 · Bond Fees	400.00	1,200.00	3,000.00	-1,800.00	40.0%
7805 · Legal Fees	10,550.00	301,088.21	1,125,000.00	-823,911.79	26.76%
7810 · Engineering	40,007.80	158,110.32	570,000.00	-411,889.68	27.74%
7820 · Accounting & Audit	2,500.00	17,600.00	15,300.00	2,300.00	115.03%
Total 7800 · Professional Fees	53,477.80	479,108.53	1,720,300.00	-1,241,191.47	27.85%
7823 · Alliance Water	750,750.21	3,772,692.55	8,901,556.25	-5,128,863.70	42.38%
Total Expense	2,932,426.53	20,284,737.35	54,877,145.13	-34,592,407.78	36.96%
Net Ordinary Income	**1,651,925.13**	**6,859,329.08**	**0.00**	**6,859,329.08**	**100.0%**
Other Income/Expense					
Other Income					
7960 · Sale of Assets	13,293.00	13,293.00			
8000 · Bond Payment Principal	796,666.69	4,780,000.12	0.00	0.00	100.0%
Net Other Income/Expense	809,959.69	4,793,293.12	0.00	4,793,293.12	100.0%
Net Income	**2,461,884.82**	**11,652,622.20**	**0.00**	**11,652,622.20**	**100.0%**

CANYON REGIONAL WATER AUTHORITY
Profit & Loss Prev Year Comparison
October 2025 through March 2026

	Oct '25 - Mar 26	Oct '24 - Mar 25	$ Change	% Change	
Ordinary Income/Expense					
Income					
4000 · Revenues					
4002 · Debt Payments	5,854,585.20	5,855,425.20	-840.00	0.0%	
4003 · Raw Water	3,319,053.42	3,508,973.28	-189,919.86	-5.4%	
4004 · Water-New Berlin	0.00	24,626.00	-24,626.00	-100.0%	
4009 · Membrane Replacement Fund	223,609.44	223,609.44	0.00	0.0%	
4010 · Line Use & Delivery Contracts	76,912.58	75,043.07	1,869.51	2.5%	
4011 · Line Use New Berlin	8,579.64	8,579.64	0.00	0.0%	
4012 · Raw Water Delivery Fees	203,328.93	209,314.89	-5,985.96	-2.9%	
4017 · Water Sales	3,402,934.80	3,194,034.39	208,900.41	6.5%	
4018 · Plant Operations	2,782,698.48	2,662,462.14	120,236.34	4.5%	
4020 · Repair & Replacement Funds	4,136,482.86	2,757,364.62	1,379,118.24	50.0%	
4022 · CRWA Administrative	1,869,287.10	1,519,856.16	349,430.94	23.0%	
4023 · Alliance Water	4,483,506.71	3,146,961.03	1,336,545.68	42.5%	
4024 · Interest Income General	334,387.27	271,855.16	62,532.11	23.0%	
4026 · Interest Income Bond Accounts	159,190.99	184,767.14	-25,576.15	-13.8%	
4028 · Interest Construction Accounts	287,280.34	498,143.70	-210,863.36	-42.3%	
4030 · Other Income	2,228.67	5,957.33	-3,728.66	-62.6%	
4032 · Team Building	0.00	526.50	-526.50	-100.0%	
Total 4000 · Revenues	27,144,066.43	24,147,499.69	2,996,566.74		12.4%
Total Income	27,144,066.43	24,147,499.69	2,996,566.74		12.4%
Gross Profit	27,144,066.43	24,147,499.69	2,996,566.74		12.4%
Expense					
5000 · Bond Repayments					
5005 · Bond Payments	6,095,858.00	6,087,242.17	8,615.83	0.1%	
Total 5000 · Bond Repayments	6,095,858.00	6,087,242.17	8,615.83		0.1%
5500 · Water Purchases					
5501 · Raw Water Purchases	3,439,131.80	3,267,092.26	172,039.54	5.3%	
5502 · Water Purchases, New Berlin	0.00	24,626.00	-24,626.00	-100.0%	
Total 5500 · Water Purchases	3,439,131.80	3,291,718.26	147,413.54		4.5%
5600 · Membrane Funds	241,704.00	241,944.00	-240.00		-0.1%
5700 · Repair & Replacement Funds	398,375.69	276,045.82	122,329.87		44.3%
6000 · Line Use & Delivery Costs					
6005 · Line Use Contract Maxwell	19,297.44	9,607.48	9,689.96	100.9%	
6010 · Line Contract GBRA	66,907.62	66,907.62	0.00	0.0%	
6011 · GBRA Raw Water Delivery Fees	204,537.60	213,007.26	-8,469.66	-4.0%	
Total 6000 · Line Use & Delivery Costs	290,742.66	289,522.36	1,220.30		0.4%
7000 · Plant Expenses-Variable Costs					
7005 · Plant Utilities	1,338,446.31	1,416,464.43	-78,018.12	-5.5%	
7010 · Chemicals	1,329,691.83	1,286,213.17	43,478.66	3.4%	
Total 7000 · Plant Expenses-Variable Costs	2,668,138.14	2,702,677.60	-34,539.46		-1.3%
7100 · Operating Expenses					
7110 · Mechanical Operations					
7110-01 · Supplies	3,242.59	6,486.33	-3,243.74	-50.0%	
7110-02 · Vehicle Operations	2,136.48	10,134.46	-7,997.98	-78.9%	
Total 7110 · Mechanical Operations	5,379.07	16,620.79	-11,241.72	-67.6%	
7115 · Plant Maintenance & Supplies	736,154.65	673,054.30	63,100.35	9.4%	
7116 · Generator & Compressor Maint.	40,300.55	10,759.97	29,540.58	274.5%	
7117 · Equipment rental	30,928.10	28,090.65	2,837.45	10.1%	
7120 · SCADA	30,048.74	27,478.46	2,570.28	9.4%	
7122 · Vehicle Operations	56,965.86	30,211.03	26,754.83	88.6%	
7125 · Grounds Maintenance	57,136.74	64,151.09	-7,014.35	-10.9%	
7131 · Permits and Fees	14,860.98	13,890.32	970.66	7.0%	
7135 · Lab Supplies & Testing Fees	58,961.87	61,105.84	-2,143.97	-3.5%	
7140 · Insurance	167,139.98	141,547.48	25,592.50	18.1%	
7150 · Meals & Functions	10,205.45	11,769.09	-1,563.64	-13.3%	
7155 · Memberships & Dues	4,929.00	4,548.00	381.00	8.4%	
7160 · Mileage	7,074.50	12,597.75	-5,523.25	-43.8%	
7162 · Office Supplies and Expense	24,208.45	19,723.30	4,485.15	22.7%	
7165 · Training	1,030.00	859.50	170.50	19.8%	
7170 · Clothing	6,000.00	6,000.00	0.00	0.0%	
7175 · Telephones	2,844.22	3,101.26	-257.04	-8.3%	
7180 · Mobile Telephones	7,693.89	7,183.38	510.51	7.1%	
7190 · Network Expenses	11,297.62	3,267.50	8,030.12	245.8%	
7191 · Internet Domain	2,882.82	2,882.77	0.05	0.0%	
7192 · Security and Backup System	5,349.18	3,173.46	2,175.72	68.6%	
7196 · GW Transport/Pumping Fees	220,849.17	214,064.34	6,784.83	3.2%	
7199 · Office Bldg Expansion/Rental	20,300.68	0.00	20,300.68	100.0%	
Total 7100 · Operating Expenses	1,522,541.52	1,356,080.28	166,461.24		12.3%

CANYON REGIONAL WATER AUTHORITY
Profit & Loss Prev Year Comparison
October 2025 through March 2026

	Oct '25 - Mar 26	Oct '24 - Mar 25	$ Change	% Change
7500 · Payroll Expenses				
7540 · Taxable Third Party Sick Pay	0.00	0.00	0.00	0.0%
7505 · Annual Pay	951,077.53	812,132.14	138,945.39	17.1%
7510 · Overtime	69,021.52	48,963.03	20,058.49	41.0%
7530 · On Call	2,400.00	2,900.00	-500.00	-17.2%
7500 · Payroll Expenses - Other	0.00	0.00	0.00	0.0%
Total 7500 · Payroll Expenses	1,022,499.05	863,995.17	158,503.88	18.4%
7600 · Employee Benefits				
7605 · Payroll Taxes	75,405.72	64,698.32	10,707.40	16.6%
7610 · Insurance	149,381.17	110,352.14	39,029.03	35.4%
7615 · Retirement	129,158.52	111,565.57	17,592.95	15.8%
Total 7600 · Employee Benefits	353,945.41	286,616.03	67,329.38	23.5%
7800 · Professional Fees				
7802 · Bank Service Fees	110.00	145.00	-35.00	-24.1%
7803 · 401(k) Plan Fees	1,000.00	1,510.00	-510.00	-33.8%
7806 · Bond Fees	1,200.00	800.00	400.00	50.0%
7805 · Legal Fees	301,088.21	230,183.07	70,905.14	30.8%
7810 · Engineering	158,110.32	134,049.46	24,060.86	18.0%
7820 · Accounting & Audit	17,600.00	14,940.00	2,660.00	17.8%
Total 7800 · Professional Fees	479,108.53	381,627.53	97,481.00	25.5%
7823 · Alliance Water	3,772,692.55	2,632,619.58	1,140,072.97	43.3%
Total Expense	20,284,737.35	18,410,088.80	1,874,648.55	10.2%
Net Ordinary Income	6,859,329.08	5,737,410.89	1,121,918.19	19.6%
Other Income/Expense				
Other Income				
7960 · Sale of Assets	13,293.00	0.00	13,293.00	100.0%
8000 · Bond Payment Principal	4,780,000.12	4,595,000.04	185,000.08	4.0%
Total Other Income	4,793,293.12	4,595,000.04	198,293.08	4.3%
Net Other Income	4,793,293.12	4,595,000.04	198,293.08	4.3%
Net Income	**11,652,622.20**	**10,332,410.93**	**1,320,211.27**	**12.8%**

CANYON REGIONAL WATER AUTHORITY
Monthly General Account Check Register
As of March 31, 2026

Type	Date	Num	Name	Memo	Amount	Balance
						6,680,889.42
Bill Pmt -Check	03/03/2026	ACH	GVEC - Big Oaks	01/05/2026-02/05/2026	-28.00	6,680,861.42
Bill Pmt -Check	03/03/2026	ACH	GVEC - Bond East Well	01/05/2026-02/05/2026	-8,766.90	6,672,094.52
Bill Pmt -Check	03/03/2026	ACH	GVEC - Bond West Well	01/05/2026-02/05/2026	-5,137.65	6,666,956.87
Bill Pmt -Check	03/03/2026	ACH	GVEC - Bull Trap Well	01/05/2026-02/05/2026	-3,198.00	6,663,758.87
Bill Pmt -Check	03/03/2026	ACH	GVEC - Camphouse Well	01/05/2026-02/05/2026	-3,957.00	6,659,801.87
Bill Pmt -Check	03/03/2026	ACH	GVEC - Chicken House Well	01/05/2026-02/05/2026	-3,585.76	6,656,216.11
Bill Pmt -Check	03/03/2026	ACH	GVEC - Christian East Well	01/05/2026-02/05/2026	-4,173.50	6,652,042.61
Bill Pmt -Check	03/03/2026	ACH	GVEC - Christian West Well	01/05/2026-02/05/2026	-4,465.76	6,647,576.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Cibolo	01/05/2026-02/05/2026	-29.00	6,647,547.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Coastal Field Well	01/05/2026-02/05/2026	-3,664.00	6,643,883.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Damerau	01/05/2026-02/05/2026	-45.00	6,643,838.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Deadman Tank Well	01/05/2026-02/05/2026	-13,604.00	6,630,234.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Deer Stand Well	01/05/2026-02/05/2026	-4,263.00	6,625,971.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - FM 467	01/05/2026-02/05/2026	-63.00	6,625,908.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Green Valley	01/05/2026-02/05/2026	-29.00	6,625,879.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - GV 7293 IH 10	01/05/2026-02/05/2026	-30.00	6,625,849.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Hardy Road	01/05/2026-02/05/2026	-35.00	6,625,814.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Hickory Forest	01/05/2026-02/05/2026	-130.00	6,625,684.85
Bill Pmt -Check	03/03/2026	ACH	GVEC - Littlefield Well	01/05/2026-02/05/2026	-4,539.96	6,621,144.89
Bill Pmt -Check	03/03/2026	ACH	GVEC - Marion	01/05/2026-02/05/2026	-28.00	6,621,116.89
Bill Pmt -Check	03/03/2026	ACH	GVEC - Pig Trap Well	01/05/2026-02/05/2026	-2,707.00	6,618,409.89
Bill Pmt -Check	03/03/2026	ACH	GVEC - Pivot Irrigation	01/05/2026-02/05/2026	-62.00	6,618,347.89
Bill Pmt -Check	03/03/2026	ACH	GVEC - Tommys Well	01/05/2026-02/05/2026	-222.00	6,618,125.89
Bill Pmt -Check	03/03/2026	ACH	GVEC - Wagner Booster Stn #2	01/05/2026-02/05/2026	-1,114.44	6,617,011.45
Bill Pmt -Check	03/03/2026	ACH	GVEC - WR Generators	01/05/2026-02/05/2026	-25.00	6,616,986.45
Bill Pmt -Check	03/03/2026	ACH	Aetna	Employee Insurance	-25,757.05	6,591,229.40
Check	03/04/2026	40616	Weifield Group Contracting Texas, LLC	Generator Project Rework	-70,920.00	6,520,309.40
Transfer	03/04/2026			Dust & Dirt (Civcon) HC Reedville Pipeline	262,837.11	6,783,146.51
Transfer	03/04/2026			Keeley Construction-LD Strainer Project	93,693.30	6,876,839.81
Transfer	03/04/2026			Wiefield Group WR Generator Project	70,920.00	6,947,759.81
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,797.94	6,944,961.87
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,015.60	6,942,946.27
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-1,941.54	6,941,004.73
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-1,237.98	6,939,766.75
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-1,812.07	6,937,954.68
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,794.11	6,935,160.57
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,965.90	6,932,194.67
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,335.36	6,929,859.31
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-4,446.10	6,925,413.21
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-4,667.22	6,920,745.99
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-1,943.29	6,918,802.70
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,151.57	6,916,651.13
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,493.92	6,914,157.21
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,885.22	6,911,271.99
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,174.64	6,909,097.35
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-2,893.13	6,906,204.22
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-5,202.60	6,901,001.62
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-5,571.46	6,895,430.16
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-3,880.27	6,891,549.89
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-3,827.12	6,887,722.77
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-1,344.02	6,886,378.75
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-3,396.96	6,882,981.79
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-4,352.77	6,878,629.02
Paycheck	03/06/2026	Direct Dep	Employee Payroll		-3,773.97	6,874,855.05
Liability Check	03/06/2026	ACH	John Hancock	401(k) Retirement Plan	-2,568.85	6,872,286.20
Liability Check	03/06/2026	EFTPS	US Treasury	74-2586063	-26,892.80	6,845,393.40
Bill Pmt -Check	03/06/2026	40617	AARC Environmental, Inc.	Tier II Report	-8,500.00	6,836,893.40
Bill Pmt -Check	03/06/2026	40618	Avesis	Employee Vision Insurance	-259.02	6,836,634.38
Bill Pmt -Check	03/06/2026	40619	Barcom Technology Solutions	Security and Backup	-434.92	6,836,199.46
Bill Pmt -Check	03/06/2026	40620	Council Automotive Supply	Supplies	-278.41	6,835,921.05
Bill Pmt -Check	03/06/2026	40621	Dust and Dirt, LLC	Reedville Pipeline	-262,837.11	6,573,083.94
Bill Pmt -Check	03/06/2026	40622	Gold Star Exterminators	Pest Control	-115.00	6,572,968.94

CANYON REGIONAL WATER AUTHORITY
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Type	Date	Num	Name	Memo	Amount	Balance
Bill Pmt -Check	03/06/2026	40623	Guadalupe County Groundwater Cons Distr	GW Transport/Pumping Fees	-16,840.01	6,556,128.93
Bill Pmt -Check	03/06/2026	40624	Hamilton Electric Works, Inc.	Well 3 Repairs	-10,641.87	6,545,487.06
Bill Pmt -Check	03/06/2026	40625	Helping Hand Hardware, Inc.	Supplies	-75.73	6,545,411.33
Bill Pmt -Check	03/06/2026	40626	Hofmann's Supply	Cylinder Rental	-17.98	6,545,393.35
Bill Pmt -Check	03/06/2026	40627	Keeley Construction Group, Inc	LD Strainer Improvements Project	-93,693.30	6,451,700.05
Bill Pmt -Check	03/06/2026	40628	Lhoist North America of Texas, LLC	Lime	-39,248.05	6,412,452.00
Bill Pmt -Check	03/06/2026	40629	Matheson Tri-Gas, Inc.	Cylinder Rental	-3,208.54	6,409,243.46
Bill Pmt -Check	03/06/2026	40630	New Braunfels Welders Supply Inc.	Cylinder Rental	-37.50	6,409,205.96
Bill Pmt -Check	03/06/2026	40631	PVS DX, INC	Chlorine	-6,665.60	6,402,540.36
Bill Pmt -Check	03/06/2026	40632	South Texas Waste Water Treatment, LLC	Service Contract & Chlorine Tablets	-909.00	6,401,631.36
Bill Pmt -Check	03/06/2026	40633	Standard Insurance Company	Employee STD, LTD, & Life Isnurance	-1,529.03	6,400,102.33
Bill Pmt -Check	03/06/2026	40634	Standard Insurance Company-Dental	Employee Dental Insurance	-2,021.80	6,398,080.53
Bill Pmt -Check	03/06/2026	40635	Texas Excavation Safety System, Inc.	Texas 811	-295.55	6,397,784.98
Bill Pmt -Check	03/06/2026	40636	Thornton, Musso, & Bellemin, Inc.	Chemicals	-25,623.36	6,372,161.62
Bill Pmt -Check	03/06/2026	40637	Williams Supply Company, Ltd.	Supplies	-7,656.93	6,364,504.69
Bill Pmt -Check	03/06/2026	40638	YourMembership.com, Inc	Texas AWWA Job Postings	-897.00	6,363,607.69
Bill Pmt -Check	03/09/2026	40639	Seguin Chevrolet	2026 Chevy Colorado	-36,837.75	6,326,769.94
Bill Pmt -Check	03/09/2026	ACH	SWBC Administrative Services Organization	HR Services	-550.00	6,326,219.94
Deposit	03/13/2026			Deposit	883,970.46	7,210,190.40
Liability Check	03/16/2026	ACH	TCDRS		-20,345.94	7,189,844.46
Liability Check	03/16/2026	ACH	TCDRS		-18,680.69	7,171,163.77
Deposit	03/16/2026			Deposit	813,419.95	7,984,583.72
Deposit	03/16/2026			Deposit	78,921.87	8,063,505.59
Bill Pmt -Check	03/18/2026	ACH	Verve Cloud, Inc.	Telephones	-520.97	8,062,984.62
Bill Pmt -Check	03/19/2026	ACH	CPS - I 10	Utilities	-12.96	8,062,971.66
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-2,911.25	8,060,060.41
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-2,129.15	8,057,931.26
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-1,952.06	8,055,979.20
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-1,246.21	8,054,732.99
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-2,829.23	8,051,903.76
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-2,785.42	8,049,118.34
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-3,827.12	8,045,291.22
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-2,213.24	8,043,077.98
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-4,446.10	8,038,631.88
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-4,880.93	8,033,750.95
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-1,947.24	8,031,803.71
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-2,151.56	8,029,652.15
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-3,256.13	8,026,396.02
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-3,115.57	8,023,280.45
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-1,821.89	8,021,458.56
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-2,915.03	8,018,543.53
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-3,773.98	8,014,769.55
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-5,571.48	8,009,198.07
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-1,812.05	8,007,386.02
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-3,880.26	8,003,505.76
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-1,344.01	8,002,161.75
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-3,396.95	7,998,764.80
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-4,352.77	7,994,412.03
Paycheck	03/20/2026	Direct Dep	Employee Payroll		-2,683.63	7,991,728.40
Liability Check	03/20/2026	ACH	John Hancock	401(k) Retirement Plan	-2,560.90	7,989,167.50
Liability Check	03/20/2026	EFTPS	US Treasury	74-2586063	-25,779.98	7,963,387.52
Transfer	03/20/2026			Trojan Month 14 Rental	40,284.00	8,003,671.52
Bill Pmt -Check	03/20/2026	ACH	Texas Fleet Fuel	Vehicle & Equipment Fuel	-1,664.24	8,002,007.28
Bill Pmt -Check	03/20/2026	40640	ACT Pipe and Supply, Inc.	Saddle & 24" Fittings & Valves	-42,085.77	7,959,921.51
Bill Pmt -Check	03/20/2026	40641	ADT	Security System	-94.87	7,959,826.64
Bill Pmt -Check	03/20/2026	40642	Aflac	Employee Voluntary Insurance	-1,835.46	7,957,991.18
Bill Pmt -Check	03/20/2026	40643	Alliance Regional Water Authority	February 2026	-750,750.21	7,207,240.97
Bill Pmt -Check	03/20/2026	40644	Analytical Environmental Laboratory LLC	Lab Testing Fees	-1,080.00	7,206,160.97
Bill Pmt -Check	03/20/2026	40645	Austin Armature Works, LP	Parts for Clarifer	-291.62	7,205,869.35
Bill Pmt -Check	03/20/2026	40646	Brenntag Southwest, Inc.	Chemicals	-2,627.87	7,203,241.48
Bill Pmt -Check	03/20/2026	40647	Charter Communications	HC Internet	-120.62	7,203,120.86
Bill Pmt -Check	03/20/2026	40648	Council Automotive Supply	Supplies	-9.33	7,203,111.53
Bill Pmt -Check	03/20/2026	40649	DISA Global Solutions, Inc.	New Employee Background Check	-53.85	7,203,057.68

CANYON REGIONAL WATER AUTHORITY
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Type	Date	Num	Name	Memo	Amount	Balance
Bill Pmt -Check	03/20/2026	40650	DSHS Central Lab MC2004	Lab Testing Fees	-371.00	7,202,686.68
Bill Pmt -Check	03/20/2026	40651	FedEx	Lab Testing Fees	-111.50	7,202,575.18
Bill Pmt -Check	03/20/2026	40652	Frantiska Powers	Mileage Reimbursement	-126.88	7,202,448.30
Bill Pmt -Check	03/20/2026	40653	Future Electric	Wire Maintenance @ WR	-3,597.76	7,198,850.54
Bill Pmt -Check	03/20/2026	40654	G.A. Powers Company, LLC	Parts	-96.82	7,198,753.72
Bill Pmt -Check	03/20/2026	40655	Garrison Comal Supply, LLC	Safety Vest	-56.71	7,198,697.01
Bill Pmt -Check	03/20/2026	40656	GBRA	Lb Testing Fees	-1,557.00	7,197,140.01
Bill Pmt -Check	03/20/2026	40657	GBRA-Raw Water & TM	12613 A/F @ $193 & Raw Water Delivery	-246,630.64	6,950,509.37
Bill Pmt -Check	03/20/2026	40658	GVEC - Internet	Internet @ WBS, LBS, LD	-359.85	6,950,149.52
Bill Pmt -Check	03/20/2026	40659	Hach Company	Lab Supplies	-320.05	6,949,829.47
Bill Pmt -Check	03/20/2026	40660	Hawkins, Inc.	Chemicals	-30,668.00	6,919,161.47
Bill Pmt -Check	03/20/2026	40661	Hierholzer Engineering, Inc.	SCADA	-5,234.00	6,913,927.47
Bill Pmt -Check	03/20/2026	40662	Hill Country Electric Supply	Supplies	-443.79	6,913,483.68
Bill Pmt -Check	03/20/2026	40663	Honey Bucket	Holding Tank for Rental Office	-875.00	6,912,608.68
Bill Pmt -Check	03/20/2026	40664	Ingersoll Rand Company	Annual Maintenance Agreement	-11,737.87	6,900,870.81
Bill Pmt -Check	03/20/2026	40665	Kerry Averyt	Mileage Reimbursement	-658.30	6,900,212.51
Bill Pmt -Check	03/20/2026	40666	Kurita America Inc.	Filter Maintenance	-1,800.00	6,898,412.51
Bill Pmt -Check	03/20/2026	40667	Langley & Banack	Legal Fees	-48,115.99	6,850,296.52
Bill Pmt -Check	03/20/2026	40668	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	-383.50	6,849,913.02
Bill Pmt -Check	03/20/2026	40669	Lhoist North America of Texas, LLC	Lime	-18,566.00	6,831,347.02
Bill Pmt -Check	03/20/2026	40670	Michaella Meredith	Mileage Reimbursement	-192.40	6,831,154.62
Bill Pmt -Check	03/20/2026	40671	New Braunfels Utilities	46 Standpipe Utilities	-46.57	6,831,108.05
Bill Pmt -Check	03/20/2026	40672	Pierson Process Technology, LLC	Replacement Chiller for Existing Ozone	-51,822.50	6,779,285.55
Bill Pmt -Check	03/20/2026	40673	Pollution Control Services	Lab Testing Fees	-2,325.00	6,776,960.55
Bill Pmt -Check	03/20/2026	40674	PVS DX, INC	Chemicals & Cylinder Rentals	-12,766.80	6,764,193.75
Bill Pmt -Check	03/20/2026	40675	Robert Rodriguez	Mileage Reimbursement	-1,863.75	6,762,330.00
Bill Pmt -Check	03/20/2026	40676	Sam's Club	Supplies	-1,306.38	6,761,023.62
Bill Pmt -Check	03/20/2026	40677	The Anchor Group, Inc.	Gate Repairs	-5,146.66	6,755,876.96
Bill Pmt -Check	03/20/2026	40678	Thornton, Musso, & Bellemin, Inc.	Chemicals	-17,082.24	6,738,794.72
Bill Pmt -Check	03/20/2026	40679	Trojan Technologies Corp.	Pall Trailer Installment #14	-40,284.00	6,698,510.72
Bill Pmt -Check	03/20/2026	40680	Waste Management	Garbage Disposal	-1,986.62	6,696,524.10
Bill Pmt -Check	03/20/2026	40681	Wastewater Transport Services LLC	Sludge Removal	-10,027.45	6,686,496.65
Bill Pmt -Check	03/20/2026	40682	Williams Supply Company, Ltd.	Supplies	-913.12	6,685,583.53
Bill Pmt -Check	03/20/2026	40683	Citibank, N.A.	Mastercard	-21,966.69	6,663,616.84
Bill Pmt -Check	03/20/2026	ACH	GVEC - Lake Dunlap	01/25/2026 - 02/25/2026	-48,973.11	6,614,643.73
Bill Pmt -Check	03/20/2026	ACH	GVEC - Leissner Booster Stn #2	01/25/2026 - 02/25/2026	-27,844.38	6,586,799.35
Bill Pmt -Check	03/20/2026	ACH	GVEC - Leissner Rd Booster Station	01/25/2026 - 02/25/2026	-3,638.78	6,583,160.57
Bill Pmt -Check	03/20/2026	ACH	GVEC - Wagner Booster	01/25/2026 - 02/25/2026	-14,726.64	6,568,433.93
Bill Pmt -Check	03/20/2026	ACH	GVEC - WR Plant	01/25/2026 - 02/25/2026	-33,622.47	6,534,811.46
Bill Pmt -Check	03/20/2026	ACH	GVEC - WR Plant #2	01/25/2026 - 02/25/2026	-8,503.98	6,526,307.48
Bill Pmt -Check	03/23/2026	ACH	Bluebonnet Electric	HC Utilities - 5000057123	-13,558.37	6,512,749.11
Deposit	03/25/2026			Deposit	611,834.92	7,124,584.03
Deposit	03/25/2026			Deposit	1,169,454.91	8,294,038.94
Transfer	03/25/2026			LD-Monthly R&R Funds Transfer	-321,497.97	7,972,540.97
Transfer	03/25/2026			MC-Monthly R&R Funds Transfer	-9,582.95	7,962,958.02
Transfer	03/25/2026			WR-Monthly R&R Funds Transfer	-341,274.11	7,621,683.91
Transfer	03/25/2026			HC-Monthly R&R Funds Transfer	-17,058.78	7,604,625.13
Transfer	03/25/2026			LD-Monthly Bond Payment Transfer	-137,633.80	7,466,991.33
Transfer	03/25/2026			LD-Monthly Bond Payment Transfer	-22,293.48	7,444,697.85
Transfer	03/25/2026			MC-Monthly Bond Payment Transfer	-143,879.27	7,300,818.58
Transfer	03/25/2026			HC-Monthly Bond Payment Transfer	-5,678.90	7,295,139.68
Transfer	03/25/2026			HC-Monthly Bond Payment Transfer	-57,194.53	7,237,945.15
Transfer	03/25/2026			HC-Monthly Bond Payment Transfer	-13,247.85	7,224,697.30
Transfer	03/25/2026			WR-Monthly Bond Payment Transfer	-253,607.16	6,971,090.14
Transfer	03/25/2026			WR-Monthly Bond Payment Transfer	-232,314.99	6,738,775.15
Transfer	03/25/2026			WR-Monthly Bond Payment Transfer	-87,434.29	6,651,340.86
Transfer	03/25/2026			Monthly Bond Payment Transfer	-22,479.93	6,628,860.93
Transfer	03/25/2026			LD-Monthly Membrane Transfer	-9,033.02	6,619,827.91
Transfer	03/25/2026			HC-Monthly Membrane Transfer	-28,235.22	6,591,592.69
Transfer	03/25/2026			February Overages	-28.67	6,591,564.02
Bill Pmt -Check	03/25/2026	ACH	CPS - 1518	Utilities	-127.24	6,591,436.78
Deposit	03/26/2026			Deposit	13,543.00	6,604,979.78
Deposit	03/26/2026			Deposit	39,932.30	6,644,912.08

CANYON REGIONAL WATER AUTHORITY
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Type	Date	Num	Name	Memo	Amount	Balance
Transfer	03/27/2026			Garver LD Strainer Improvements	6,863.58	6,651,775.66
Transfer	03/27/2026			Ardurra WR Emergency Generator Project	7,000.00	6,658,775.66
Transfer	03/27/2026			Gallegos Engineering HC Reedville Line	7,250.00	6,666,025.66
Transfer	03/27/2026			Weisinger WR Well 1	39,050.00	6,705,075.66
Transfer	03/27/2026			Garver LD Strainer Project	5,856.41	6,710,932.07
Bill Pmt -Check	03/27/2026	ACH	CPS - 1604	Utilities	-25,733.50	6,685,198.57
Bill Pmt -Check	03/27/2026	ACH	Texas Fleet Fuel	Vehicle & Equipment Fuel	-1,844.89	6,683,353.68
Bill Pmt -Check	03/27/2026	40684	Analytical Environmental Laboratory LLC	Lab Testing Fees	-1,080.00	6,682,273.68
Bill Pmt -Check	03/27/2026	40685	Ardurra Group, Inc.	Engineering Fees	-24,960.30	6,657,313.38
Bill Pmt -Check	03/27/2026	40686	AT&T Mobility	Mobile Telephones	-1,251.37	6,656,062.01
Bill Pmt -Check	03/27/2026	40687	Culpepper Plumbing Services, Inc.	Restroom Maintenance Admin	-271.87	6,655,790.14
Bill Pmt -Check	03/27/2026	40688	David Johnston & Ariana Johnston	Semi-Annual Water Lease Payment	-1,210.80	6,654,579.34
Bill Pmt -Check	03/27/2026	40689	Dex Imaging	Admin Copier	-213.41	6,654,365.93
Bill Pmt -Check	03/27/2026	40690	Dynamic Mechanical Contracting	HVAC PM @ Wagner & 1604	-1,897.72	6,652,468.21
Bill Pmt -Check	03/27/2026	40691	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	-10,000.00	6,642,468.21
Bill Pmt -Check	03/27/2026	40692	Gallegos Engineering, Inc.	HC Transmission Main - Reedville	-7,250.00	6,635,218.21
Bill Pmt -Check	03/27/2026	40693	Garver, LLC	Engineering Fees	-12,719.99	6,622,498.22
Bill Pmt -Check	03/27/2026	40694	Gold Star Exterminators	Pest Control	-260.00	6,622,238.22
Bill Pmt -Check	03/27/2026	40695	Hild Brothers, Inc.	Weed Killer	-100.00	6,622,138.22
Bill Pmt -Check	03/27/2026	40696	James Radtke Construction	Remove Fire Hydrant @ Mesquite Pass	-675.00	6,621,463.22
Bill Pmt -Check	03/27/2026	40697	Lhoist North America of Texas, LLC	Lime	-9,053.00	6,612,410.22
Bill Pmt -Check	03/27/2026	40698	Matheson Tri-Gas, Inc.	Oxygen	-5,577.68	6,606,832.54
Bill Pmt -Check	03/27/2026	40699	PVS DX, INC	Chemicals	-673.10	6,606,159.44
Bill Pmt -Check	03/27/2026	40700	R.W Harden & Associates, Inc.	Wells Ranch Development	-19,820.00	6,586,339.44
Bill Pmt -Check	03/27/2026	40701	RITZ & ASSOCIATES PA	Arbitrage Rebate Services	-2,500.00	6,583,839.44
Bill Pmt -Check	03/27/2026	40702	Standard Insurance Company	STD, LTD, & Life Insurance	-1,756.67	6,582,082.77
Bill Pmt -Check	03/27/2026	40703	Thornton, Musso, & Bellemin, Inc.	Calibration Column	-376.00	6,581,706.77
Bill Pmt -Check	03/27/2026	40704	UMB Bank, N.A.	HC Series 2021 Ref.	-400.00	6,581,306.77
Bill Pmt -Check	03/27/2026	40705	Waste Connections	Recycling & Garbage Disposal	-582.90	6,580,723.87
Bill Pmt -Check	03/27/2026	40706	Weisinger Incorporated	Pay Application #1	-39,050.00	6,541,673.87
Deposit	03/31/2026			Deposit	323,377.05	6,865,050.92
Deposit	03/31/2026			Interest	2,222.45	6,867,273.37
					186,383.95	6,867,273.37

CANYON REGIONAL WATER AUTHORITY
Legal Fees by Payee
October 2025 through March 2026

Type	Date	Num	Name	Memo	Amount
Attorney R. L. Wilson					
Bill	11/30/2025	4277	Attorney R. L. Wilson	COSM Lawsuit	17,962.75
Bill	11/30/2025	4276	Attorney R. L. Wilson	General Matters	9,285.00
Bill	11/30/2025	4279	Attorney R. L. Wilson	Windsor Chase	13,497.05
Bill	11/30/2025	4280	Attorney R. L. Wilson	Wells Ranch	1,595.00
Bill	11/30/2025	4282	Attorney R. L. Wilson	Groundwater Leases	1,907.50
Bill	12/31/2025	4288	Attorney R. L. Wilson	Windsor Chase	5,270.00
Bill	12/31/2025	4289	Attorney R. L. Wilson	Wells Ranch	2,357.50
Bill	12/31/2025	4286	Attorney R. L. Wilson	COSM Lawsuit	880.00
Bill	12/31/2025	4291	Attorney R. L. Wilson	Groundwater Leases	787.50
Bill	12/31/2025	4285	Attorney R. L. Wilson	General Matters	2,051.90
Total Attorney R. L. Wilson					55,594.20
Focused Advocacy LLC					
Bill	10/01/2025	6816	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	11/01/2025	6848	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	12/01/2025	6828	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	01/01/2026	6858	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	02/01/2026	6892	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	03/01/2026	6920	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Total Focused Advocacy LLC					60,000.00
Langley & Banack					
Bill	10/31/2025	598500	Langley & Banack	COSM Lawsuit	15,124.90
Bill	10/31/2025	598493	Langley & Banack	Primozone	332.50
Bill	10/31/2025	598493	Langley & Banack	Short Term Lease - Green Valley & Sprin...	320.00
Bill	10/31/2025	598493	Langley & Banack	Legal Fees	9,612.50
Bill	10/31/2025	598493	Langley & Banack	Legal Fees	40.00
Bill	10/31/2025	598493	Langley & Banack	Legal Fees	71.80
Bill	11/30/2025	599400	Langley & Banack	COSM Lawsuit	13,190.80
Bill	11/30/2025	599397	Langley & Banack	Legal Fees	6,570.00
Bill	11/30/2025	599397	Langley & Banack	Legal Fees	240.00
Bill	11/30/2025	599397	Langley & Banack	Legal Fees	80.38
Bill	12/31/2025	602129	Langley & Banack	COSM Lawsuit	680.00
Bill	12/31/2025	602131	Langley & Banack	Windsor Chase	15,069.88
Bill	12/31/2025	602121	Langley & Banack	Legal Fees	22,387.50
Bill	12/31/2025	602121	Langley & Banack	Legal Fees	5,320.00
Bill	12/31/2025	602121	Langley & Banack	Legal Fees	840.00
Bill	12/31/2025	602121	Langley & Banack	Digital Imaging	29.00
Bill	01/31/2026	603501	Langley & Banack	COSM Lawsuit	2,843.40
Bill	01/31/2026	603504	Langley & Banack	Windsor Chase	3,381.76
Bill	01/31/2026	603491	Langley & Banack	Legal Fees	23,022.50
Bill	01/31/2026	603491	Langley & Banack	Baugh	4,520.00
Bill	01/31/2026	603491	Langley & Banack	Serna	14,080.00
Bill	01/31/2026	603491	Langley & Banack	Legal Fees	120.00
Bill	01/31/2026	603491	Langley & Banack	Digital Imaging	148.33
Bill	02/28/2026	605519	Langley & Banack	Windsor Chase	4,428.40
Bill	02/28/2026	605515	Langley & Banack	COSM Lawsuit	1,600.00
Bill	02/28/2026	605509	Langley & Banack	Legal Fees	28,695.00
Bill	02/28/2026	605509	Langley & Banack	Legal Fees	1,200.00
Bill	02/28/2026	605509	Langley & Banack	Legal Fees	40.00
Bill	02/28/2026	605509	Langley & Banack	Legal Fees	297.61
Total Langley & Banack					174,286.26
Law Offices of Patricia Erlinger Carls					
Bill	10/31/2025	1603	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	368.75
Bill	11/30/2025	1615	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	545.75
Bill	12/31/2025	1651	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	2,147.00
Bill	12/31/2025	1650	Law Offices of Patricia Erlinger Carls	General	737.50
Bill	01/31/2026	1669	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	2,751.75
Bill	01/31/2026	1668	Law Offices of Patricia Erlinger Carls	General	973.50
Bill	02/28/2026	1691	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	383.50
Total Law Offices of Patricia Erlinger Carls					7,907.75
SWBC Administrative Services Organization					
Bill	10/01/2025	11019941	SWBC Administrative Services Organization	HR Services	550.00
Bill	11/01/2025	11020070	SWBC Administrative Services Organization	HR Services	550.00
Bill	12/01/2025	11020202	SWBC Administrative Services Organization	HR Services	550.00
Bill	01/02/2026	11020340	SWBC Administrative Services Organization	HR Services	550.00
Bill	02/02/2026	11020508	SWBC Administrative Services Organization	HR Services	550.00
Bill	03/02/2026	11020622	SWBC Administrative Services Organization	HR Services	550.00
Total SWBC Administrative Services Organization					3,300.00
TOTAL					**301,088.21**

CANYON REGIONAL WATER AUTHORITY
Legal Fees by Category
October 2025 through March 2026

Type	Date	Num	Name	Memo	Amount
Other Charges					
Legal & professional fees					
Contracts					
COSM Litigation					
Bill	10/31/2025	598500	Langley & Banack	COSM Lawsuit	15,124.90
Bill	11/30/2025	599400	Langley & Banack	COSM Lawsuit	13,190.80
Bill	11/30/2025	4277	Attorney R. L. Wilson	COSM Lawsuit	17,962.75
Bill	12/31/2025	602129	Langley & Banack	COSM Lawsuit	680.00
Bill	12/31/2025	4286	Attorney R. L. Wilson	COSM Lawsuit	880.00
Bill	01/31/2026	603501	Langley & Banack	COSM Lawsuit	2,843.40
Bill	02/28/2026	605515	Langley & Banack	COSM Lawsuit	1,600.00
Total COSM Litigation					52,281.85
Contracts - Other					
Bill	10/31/2025	598493	Langley & Banack	Primozone	332.50
Bill	10/31/2025	598493	Langley & Banack	Short Term Lease - Green Valley & Springs Hill	320.00
Total Contracts - Other					652.50
Total Contracts					52,934.35
Wells Ranch					
Bill	10/31/2025	1603	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	368.75
Bill	10/31/2025	598493	Langley & Banack	Legal Fees	40.00
Bill	11/30/2025	1615	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	545.75
Bill	11/30/2025	599397	Langley & Banack	Legal Fees	240.00
Bill	11/30/2025	4279	Attorney R. L. Wilson	Windsor Chase	13,497.05
Bill	11/30/2025	4280	Attorney R. L. Wilson	Wells Ranch	1,595.00
Bill	11/30/2025	4282	Attorney R. L. Wilson	Groundwater Leases	1,907.50
Bill	12/31/2025	1651	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	2,147.00
Bill	12/31/2025	602131	Langley & Banack	Windsor Chase	15,069.88
Bill	12/31/2025	602121	Langley & Banack	Legal Fees	840.00
Bill	12/31/2025	4288	Attorney R. L. Wilson	Windsor Chase	5,270.00
Bill	12/31/2025	4289	Attorney R. L. Wilson	Wells Ranch	2,357.50
Bill	12/31/2025	4291	Attorney R. L. Wilson	Groundwater Leases	787.50
Bill	01/31/2026	1669	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	2,751.75
Bill	01/31/2026	603504	Langley & Banack	Windsor Chase	3,381.76
Bill	01/31/2026	603491	Langley & Banack	Legal Fees	120.00
Bill	02/28/2026	1691	Law Offices of Patricia Erlinger Carls	GCUWCD Rule Admendments	383.50
Bill	02/28/2026	605519	Langley & Banack	Windsor Chase	4,428.40
Bill	02/28/2026	605509	Langley & Banack	Legal Fees	40.00
Total Wells Ranch					55,771.34
General					
Bill	10/01/2025	11019941	SWBC Administrative Services Organizat...	HR Services	550.00
Bill	10/31/2025	598493	Langley & Banack	Legal Fees	9,612.50
Bill	10/31/2025	598493	Langley & Banack	Legal Fees	71.80
Bill	11/01/2025	11020070	SWBC Administrative Services Organizat...	HR Services	550.00
Bill	11/30/2025	599397	Langley & Banack	Legal Fees	6,570.00
Bill	11/30/2025	599397	Langley & Banack	Legal Fees	80.38
Bill	11/30/2025	4276	Attorney R. L. Wilson	General Matters	9,285.00
Bill	12/01/2025	11020202	SWBC Administrative Services Organizat...	HR Services	550.00
Bill	12/31/2025	1650	Law Offices of Patricia Erlinger Carls	General	737.50
Bill	12/31/2025	602121	Langley & Banack	Legal Fees	22,387.50
Bill	12/31/2025	602121	Langley & Banack	Legal Fees	5,320.00
Bill	12/31/2025	602121	Langley & Banack	Digital Imaging	29.00
Bill	12/31/2025	4285	Attorney R. L. Wilson	General Matters	2,051.90
Bill	01/02/2026	11020340	SWBC Administrative Services Organizat...	HR Services	550.00
Bill	01/31/2026	1668	Law Offices of Patricia Erlinger Carls	General	973.50
Bill	01/31/2026	603491	Langley & Banack	Legal Fees	23,022.50
Bill	01/31/2026	603491	Langley & Banack	Baugh	4,520.00
Bill	01/31/2026	603491	Langley & Banack	Serna	14,080.00
Bill	01/31/2026	603491	Langley & Banack	Digital Imaging	148.33
Bill	02/02/2026	11020508	SWBC Administrative Services Organizat...	HR Services	550.00
Bill	02/28/2026	605509	Langley & Banack	Legal Fees	28,695.00
Bill	02/28/2026	605509	Langley & Banack	Legal Fees	1,200.00
Bill	02/28/2026	605509	Langley & Banack	Legal Fees	297.61
Bill	03/02/2026	11020622	SWBC Administrative Services Organizat...	HR Services	550.00
Total General					132,382.52

CANYON REGIONAL WATER AUTHORITY
Legal Fees by Category
October 2025 through March 2026

Type	Date	Num	Name	Memo	Amount
Legislation					
Bill	10/01/2025	6816	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	11/01/2025	6848	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	12/01/2025	6828	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	01/01/2026	6858	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	02/01/2026	6892	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Bill	03/01/2026	6920	Focused Advocacy LLC	Gov. & Public Affairs Consulting Services	10,000.00
Total Legislation					60,000.00
Total Legal & professional fees					301,088.21
Total Other Charges					301,088.21
TOTAL					**301,088.21**

Wells Ranch Project - Phase II
Bond Series 2015
Budget vs. Actual
March 31, 2026

	TOTAL BUDGET	TOTAL DISBURSEMENTS	% Complete
Wells Ranch Series 2015 Bond Proceeds	42,000,000.00	42,000,000.00	100.00%
Bond Issue Costs	420,840.00	420,840.00	100.00%
Capitalized Interest	1,664,000.00	1,664,000.00	100.00%
Beginning Cash Available for Project	39,915,160.00	39,915,160.00	100.00%
Preliminary Engineering Report	25,000.00	25,000.00	100.00%
Environmental Services	54,080.82	54,080.82	100.00%
Engineering Add'l Services (RCE Inspections)	317,067.50	317,067.50	100.00%
Inspection Services (HOT)	37,510.00	37,510.00	100.00%
SCADA Engineering Services	50,000.00	50,000.00	100.00%
Legal Notices	22,940.45	22,940.45	100.00%
Prof Services-TWDB Assistance	15,887.86	15,887.86	100.00%
Santa Clara Road TM	**4,545,112.65**	**4,545,112.65**	100.00%
Crystal Clear TM	**3,102,090.36**	**3,102,090.36**	100.00%
Wagner Booster Station Expansion	**4,472,598.27**	**4,472,598.25**	100.00%
Wells Ranch Plant Improvements	**7,678,408.73**	7,678,407.73	100.00%
Leissner Booster Station Imp.			
Legal Fees	111,365.31	111,365.31	100.00%
Basic Engineering Services	227,160.00	227,160.00	100.00%
Engineering Add'l Services	50,078.25	48,272.75	96.39%
Construction Costs - 2 MG Tank (Preload)	1,533,365.90	1,533,365.90	100.00%
Construction Costs - Facility (Payton)	1,185,478.00	1,185,478.00	100.00%
SCADA	16,000.00	16,000.00	100.00%
Total Leissner Booster Stn Expansion	**3,123,447.46**	**3,121,641.96**	99.94%
Oak Tree Elevated Storage Tank	**2,778,256.00**	**2,778,256.02**	100.00%
Well Field (7 wells)	**10,812,545.17**	**10,812,544.67**	100.00%
Generator Installation Project			
Legal, Consultant Fees	168,305.80	168,305.80	100.00%
Legal Notices	5,864.16	5,864.16	100.00%
Basic Engineering Services	203,320.00	183,405.26	90.21%
Engineering Add'l Services	9,000.00	9,000.00	100.00%
Generator Project Rework	396,873.11	396,873.11	100.00%
Generator Project Rework-MGB Construction	328,710.00	227,564.74	69.23%
Generator Project Rework-Weifield Group	3,845,453.00	1,267,470.00	32.96%
Deadman Well Site			
Generator Cost	71,265.00	71,265.00	100.00%
Generator Installation	202,500.00	202,500.00	100.00%
Total Deadman Well Site	**273,765.00**	**273,765.00**	100.00%
Deer Stand Well Site			
Generator Cost	71,265.00	71,265.00	100.00%
Generator Installation	202,500.00	202,500.00	100.00%
Total Deer Stand Well Site	**273,765.00**	**273,765.00**	100.00%
Wells Ranch WTP Site			
Generator Cost-WTP	317,295.00	317,295.00	100.00%
Generator Cost-MCC-2	279,140.00	279,140.00	100.00%
Generator Installation-WTP	412,350.00	412,350.00	100.00%
Generator Installation-MCC-2	376,140.00	376,140.00	100.00%
Total Wells Ranch WTP Site	**1,384,925.00**	**1,384,925.00**	100.00%
Leissner BPS Site			
Generator Cost	212,200.00	212,200.00	100.00%
Generator Installation	337,000.00	337,000.00	100.00%
Total Leissner BPS Site	**549,200.00**	**549,200.00**	100.00%
Wagner Booster Station			
Generator Cost	212,200.00	212,200.00	100.00%
Generator Installation	259,000.00	259,000.00	100.00%
Total Wagner Booster Station	**471,200.00**	471,200.00	100.00%
Well #5 & Well #13 Generator Cost	71,710.00	71,710.00	100.00%
Mobilization, Bonds & Insurance	119,000.00	119,000.00	100.00%
Total Generator Installation Project	**8,101,091.07**	**5,402,048.07**	66.68%
Total Phase II - 2015	**45,136,036.34**	**42,434,746.34**	94.02%
Unallocated Contingency	**-5,220,876.34**		
Total Expenditures		**42,434,746.34**	
Interest Income		**455,014.15**	
Cash from General Funds		**627,540.75**	
Cash from Repair & Replacement Funds		**1,576,682.92**	
Ending Cash		**139,651.48**	

Wells Ranch Phase II - 2015
Account Activity
As of March 31, 2026

Type	Date	Num	Name	Memo	Split	Amount	Balance
BOKF, NA, Austin - Escrow							138,459.99
Deposit	03/02/2026			Interest	Interest Inc...	316.40	138,776.39
Total BOKF, NA, Austin - Escrow						316.40	138,776.39
Logic-Construction Acct							872.30
Deposit	03/31/2026			Interest	Interest Inc...	2.79	875.09
Total Logic-Construction Acct						2.79	875.09
TOTAL						**319.19**	**139,651.48**

Hays Caldwell WTP Improvements
Budget vs. Actual
March 31, 2026

	TOTAL BUDGET	TOTAL DISBURSEMENTS	%
Hays Caldwell Series 2017 Bond Net Proceeds	4,801,596.00	4,801,596.00	100.00%
Hays Caldwell Series 2021 Bond Net Proceeds	12,355,000.00	12,355,000.00	100.00%
City of San Marcos Cash Contribution	511,593.00	511,593.00	100.00%
City of San Marcos Cash Contribution	4,634,982.00	4,634,982.00	100.00%
Beginning Cash Available for Project	22,303,171.00	22,303,171.00	100.00%
Land Purchase - 2.009 Acres	555,628.44	555,628.44	100.00%
Advertisement for Bids	4,908.38	4,908.38	100.00%
TWDB D-Fund Application Services	35,700.00	35,700.00	100.00%
TWDB Application Services	23,633.11	23,633.11	100.00%
HMGP Application	12,000.00	12,000.00	100.00%
Basic Engineering Services:			
Preliminary Phase	403,700.00	403,700.00	100.00%
Design Phase	728,400.00	728,400.00	100.00%
Bid Phase	73,900.00	73,900.00	100.00%
Construction Phase	458,800.00	146,816.00	32.00%
Total Basic Engineering Services	1,664,800.00	1,352,816.00	81.26%
Additional Engineering Services:			
Grant Application Services	6,927.90	6,927.90	100.00%
Environmental Review & Permitting	121,200.00	113,226.30	93.42%
Topographic Survey	36,900.00	32,950.00	89.30%
Warranty Phase	30,900.00		0.00%
Start-Up Services	59,000.00		0.00%
O&M Manual Update	16,900.00		0.00%
Water Treatment Plant Audit	0.00		0.00%
Flood Protection	0.00		0.00%
CT Study & TCEQ Update	17,000.00	16,954.00	99.73%
Constr Observation & Resident	174,000.00	17,567.28	10.10%
Geotechnical Investigation	76,200.00	76,186.25	99.98%
TWDB & TCEQ Coordination	102,500.00	102,912.29	100.40%
Power System Study	55,000.00	55,000.00	100.00%
City of San Marcos Permitting	104,200.00	104,270.89	100.07%
City of San Marcos Platting	28,900.00	28,898.00	99.99%
Ozone Bldg Upgrade to CMU	49,800.00	46,813.60	94.00%
TCEQ Pilot Study	4,000.00		0.00%
Preconstruction T&E Surveys-Terrestrial	2,600.00		0.00%
Preconstruction T&E Surveys-Mussels	8,500.00		0.00%
Dewatering Aquatic Resources	27,600.00	27,595.50	99.98%
Geotechnical Baseline for River Intake	4,800.00	4,782.50	99.64%
Cultural Resources Constr Monitoring	42,500.00		0.00%
OSSF Irrigation Reconfig & Permitting	9,000.00		0.00%
HCWTP Ozone Deman & Decay Testing	9,992.00	9,992.00	100.00%
Total Additional Engineering Services	988,419.90	644,076.51	65.16%
Caldwell County Permits	51,950.00	52,071.00	100.23%
City of San Marcos-Permits	19,323.14	20,336.14	105.24%
SCADA			
Design Fees	20,000.00	3,963.75	19.82%
Construction Costs	150,000.00		0.00%
Total SCADA Costs	170,000.00	3,963.75	2.33%
Bluebonnet Electric Coop - Service Entrances & Easement	61,512.02	61,512.02	100.00%
Miscellaneous Fees	3,077.04	3,077.04	100.00%

Hays Caldwell WTP Improvements
Budget vs. Actual
March 31, 2026

	TOTAL BUDGET	TOTAL DISBURSEMENTS	%
Construction Costs:			
Phase I - Ground Storage Tank			
New 1 MG GST (DN Tanks)	4,580,000.00	4,315,898.70	94.23%
GST Construction Administration (CobbFendley)	223,443.24	221,304.70	99.04%
	4,803,443.24	4,537,203.40	94.46%
Phase II - Ozone Improvements (Keeley)			
Mobilization, Bonds, Insurance	494,500.00	307,170.00	62.12%
Ozone Generation Bldg, Electrical, Instr.	5,572,968.88	1,453,962.66	26.09%
Yard Piping & Improvements	750,000.00	347,682.16	46.36%
Site Improvements, Trench Safety	123,375.00	60,750.00	49.24%
Ozone Generation & Feed System Pkg	2,329,180.80	733,691.95	31.50%
1 MG GST Rehabilitation	565,000.00	0.00	0.00%
	9,835,024.68	2,903,256.77	29.52%
Mobile Membrane Filtration Unit-Pall Corp.	2,363,668.77	2,363,668.77	100.00%
Pall Corp.-Technical Assistance & TCEQ Coordination	89,320.00	46,893.00	52.50%
Fencing	46,758.00	46,758.00	100.00%
Probable Construction Costs			
Raw Water Pump Station & Intake	3,210,643.00		0.00%
Raw Water Electrical Building	346,491.00		0.00%
Yard Piping	1,160,146.00		0.00%
Clarifier Upgrades	2,656,275.00		0.00%
Splitter Box	760,340.00		0.00%
Chemical Feed & Storage	372,721.00		0.00%
HSPS Improvements	698,145.00		0.00%
Recycle Pump Station	113,687.00		0.00%
Decant Pump Station	179,174.00		0.00%
Decant Ponds	611,499.00		0.00%
Site Civil Paving, etc.	1,961,807.00		0.00%
Electrical Improvement	4,842,702.00		0.00%
Instrumentations & Controls	1,372,320.00		0.00%
Subtotal	18,285,950.00	0.00	0.00%
Additive Alternate: 200kW Generator	813,704.00		0.00%
Additive Alternate: 350kW Generator	1,260,262.00		0.00%
Additive Alternate: Motorized Gates	60,480.00		0.00%
Addtive Alternate: Security System Integ.	36,000.00		0.00%
Total Probable Construction Costs	**20,456,396.00**	**0.00**	**0.00%**
Total Hays Caldwell WTP Improvements	**41,185,562.72**	**12,667,502.33**	30.76%
Unallocated Contingency	-18,882,391.72		0.00%
Total Expenditures		**12,667,502.33**	
Interest Income		3,572,778.97	
Paid from General Funds-Electrical Easement		1,000.00	
Accounts Payable		240,640.76	
Ending Cash		**13,450,088.40**	

Hays Caldwell WTP Improvements
Banking Activity
As of March 31, 2026

Type	Date	Num	Name	Memo	Amount	Balance
First United, Special #7162						0.00
Bill Pmt -...	03/20/2026	4978	DN Tanks, ...	Pay Applications 13, 14, 15	-320,919.74	-320,919.74
Transfer	03/20/2026			Funds Transfer	320,919.74	0.00
Total First United, Special #7162					0.00	0.00
Logic, Construction Acct						9,142,136.05
Transfer	03/20/2026			Funds Transfer	-320,919.74	8,821,216.31
Deposit	03/31/2026			Interest	29,005.82	8,850,222.13
Total Logic, Construction Acct					-291,913.92	8,850,222.13
BOKF, NA						4,588,649.61
Deposit	03/02/2026			Interest	11,216.66	4,599,866.27
Total BOKF, NA					11,216.66	4,599,866.27
TOTAL					**-280,697.26**	**13,450,088.40**

CANYON REGIONAL WATER AUTHORITY
A/R Aging Summary
As of March 31, 2026

	Current	1 - 30	31 - 60	61 - 90	> 90	GBRA-TM	ARWA	TOTAL
City of Cibolo	423,227.69	403,392.49	0.00	0.00	0.00	0.00	0.00	826,620.18
City of Converse	80,318.24	0.00	0.00	0.00	0.00	0.00	0.00	80,318.24
City of La Vernia	1,997.61	0.00	0.00	0.00	0.00	0.00	0.00	1,997.61
City of Marion	41,064.33	0.00	0.00	0.00	0.00	0.00	0.00	41,064.33
County Line SUD	236,507.99	0.00	0.00	0.00	366,705.60	97,561.80	0.00	700,775.39
Crystal Clear SUD	657,774.36	0.00	0.00	0.00	0.00	0.00	1,460,228.07	2,118,002.43
East Central SUD.	416,825.33	0.00	0.00	0.00	0.00	0.00	0.00	416,825.33
Green Valley SUD	1,176,517.77	0.00	0.00	0.00	0.00	0.00	774,207.53	1,950,725.30
Martindale Water Supply Co	37,271.27	0.00	0.00	0.00	0.00	4,630.50	6,838.05	48,739.82
Maxwell SUD	145,717.18	0.00	0.00	0.00	0.00	0.00	0.00	145,717.18
San Antonio Water System	910,761.70	0.00	0.00	0.00	0.00	0.00	0.00	910,761.70
Springs Hill SUD	332,426.25	0.00	0.00	0.00	0.00	0.00	0.00	332,426.25
TOTAL	4,460,409.72	403,392.49	0.00	0.00	366,705.60	102,192.30	2,241,273.65	7,573,973.76

Repair Replacement Account
FY 2026 Activity and Projections
March 31, 2026

Lake Dunlap	Description
$4,758,729.26	Balance 03/31/2026
$1,928,987.82	Remaining Transfers to Account for FY 2026
-$1,129,185.00	Tank Repairs-FY 2025 Budget
-$273,088.00	Tank Repairs-FY 2026 Budget
-$376,629.04	Keeley Construction Strainer Project-FY 2025 Budget
-$1,995,000.00	Keeley Construction Strainer Project-FY 2026 Budget
-$65,333.71	Remaining Garver Engineering for Strainers
-$1,455,306.77	Garver Eng Membrane Expansion & Tank Repairs-FY 2026 Budget
$1,393,174.56	Projected Balance 09/30/2026

Mid Cities	Description
$2,519,500.79	Balance 03/31/2026
$57,497.70	Remaining Transfers to Account for FY 2026
-$2,000,000.00	TXDot IH-10 Conflict D-FY 2025 Budget
-$147,000.00	Ram Utilities - IH 10 Project
$429,998.49	Projected Balance 09/30/2026

Wells Ranch	Description
$2,303,823.79	Balance 03/31/2026
$2,047,644.66	Remaining Transfers to Account for FY 2026
-$41,185.00	Ardurra Emergency Generators
-$170,000.00	Ardurra Emergency Generators
-$2,577,983.00	Weifield Group-Emergency Generator Project
-$1,260,950.00	Well #1 Repairs
-$700,000.00	Well #1 Repairs
-$100,000.00	Well #3 Repairs
-$498,649.55	Projected Balance 09/30/2026

Hays Caldwell	Description
$1,366,987.18	Balance 03/31/2026
$102,352.68	Remaining Transfers to Account for FY 2026
-$50,000.00	Pilot Study
-$40,695.00	Remaining Reedville Pipeline-FY 2025
$1,378,644.86	Projected Balance 09/30/2026

Repair & Replacement Account Totals	Description
$10,949,041.03	Balance 03/31/2026
$4,136,482.86	Remaining Transfers to Account for FY 2026
-$12,382,355.52	Expenditures & Adjustments
$2,703,168.37	Projected Balance 09/30/2026

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	AGENDA NUMBER
04/20/2026	CONSENT AGENDA ITEM QUARTERLY INVESTMENT REPORT	CRWA 26-04-004

INITIATED BY JOAN WILKINSON

STAFF RECOMMENDATION

Approve the Second Quarter FY2026 Investment Report.

BACKGROUND INFORMATION

The Second Quarter FY2026 Investment Report is attached.

FINANCIAL IMPACT

None

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-004

BE IT RESOLVED that the Second Quarter FY2026 Investment Report of Canyon Regional Water Authority is approved.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

Canyon Regional Water Authority
Quarterly Investment Report
March 31, 2026

Portfolio as of December 31, 2025	
Beginning Book Value	$46,681,979.23
Beginning Market Value	$46,681,979.23

Portfolio as of March 31, 2026	
Ending Book Value	$47,285,358.38
Ending Market Value	$47,285,358.38

	December 31, 2025	March 31, 2026	January Earnings	February Earnings	March Earnings	Quarterly Earnings	Rate
Operating Accounts-First United Bank							
Operating Account	$6,846,378.80	$6,867,273.37	2092.34	$1,936.29	$2,222.45	$6,251.08	0.35%
Special Account	$2,629.31	$2,866.15	$66.08	$132.28	$38.48	$236.84	0.35%
Money Market	$1,921,517.82	$2,008,017.21	$7,130.01	$5,893.79	$6,035.80	$19,059.60	4.02%
HC SM Capacity Buy-In	$468,981.42	$413,111.86	$1,649.46	$1,241.86	$1,294.12	$4,185.44	4.02%
Total Operating Accounts	$9,239,507.35	$9,291,268.59				$29,732.96	
Reserved Accounts-First United Bank							
LD/MC Exempt 2016	$2,700,434.68	$3,413,114.98	$10,158.90	$8,584.79	$9,641.96	$28,385.65	4.02%
HC 2017	$54,989.66	$72,447.39	$221.41	$186.44	$213.18	$621.03	4.02%
HC 2021	$510,007.92	$529,836.27	$1,834.09	$1,277.11	$1,521.06	$4,632.26	4.02%
HC 2021 - Refunding	$117,613.63	$130,175.80	$424.74	$318.21	$375.67	$1,118.62	4.02%
Wells Ranch Series 2015	$2,218,848.44	$2,696,164.82	$8,066.72	$6,705.17	$7,830.93	$22,602.82	4.02%
Wells Ranch Series 2016	$2,059,736.61	$2,407,506.98	$7,682.92	$5,958.22	$6,759.26	$20,400.40	4.02%
Wells Ranch Series 2021 - Refunding	$774,893.62	$875,884.35	$2,802.49	$2,150.49	$2,531.76	$7,484.74	4.02%
Repair and Replacement Fund	$10,416,679.69	$10,949,041.03	$37,925.37	$31,861.01	$31,846.89	$101,633.27	4.03%
LD Membrane Fund	$1,410,696.47	$1,451,704.45	$5,228.64	$4,299.89	$4,380.39	$13,908.92	4.02%
HC Membrane Fund	$507,329.23	$525,987.50	$1,821.38	$1,417.48	$1,602.38	$4,841.24	4.02%
Total Reserved Accounts	$20,771,229.95	$23,051,863.57				$205,628.95	
Investment Pools - Logic							
Wells Ranch Construction	$866.96	$875.09	$2.82	$2.52	$2.79	$8.13	3.8192%
General Funds	$1,339,829.10	$1,352,486.34	$4,395.08	$3,925.83	$4,336.33	$12,657.24	3.8192%
HC 2017 Construction	$10,629,612.10	$8,850,222.13	$34,685.39	$27,973.60	$29,005.82	$91,664.81	3.8192%
Total Investment Pools	$11,970,308.16	$10,203,583.56				$104,330.18	
Escrow Accounts - BOKF, NA, Austin							
Wells Ranch Series 2015	$137,749.95	$138,776.39	$359.61	$350.43	$316.40	$1,026.44	5.02%
HC Series 2017	$4,563,183.82	$4,599,866.27	$12,985.59	$12,480.20	$11,216.66	$36,682.45	3.19%
Total Escrow Accounts	$4,700,933.77	$4,738,642.66				$37,708.89	
Total Cash to Date	$46,681,979.23	$47,285,358.38	$139,533.04	$116,695.61	$121,172.33	$377,400.98	

The above reporting is submitted in accordance with the Public Funds Investment Act and the Authority's Investment Policy.

Joan Wilkinson, Investment Officer

Kerry Averyt, Investment Officer

CANYON REGIONAL water authority

CRWA/GBRA
Water Usage Report
2026

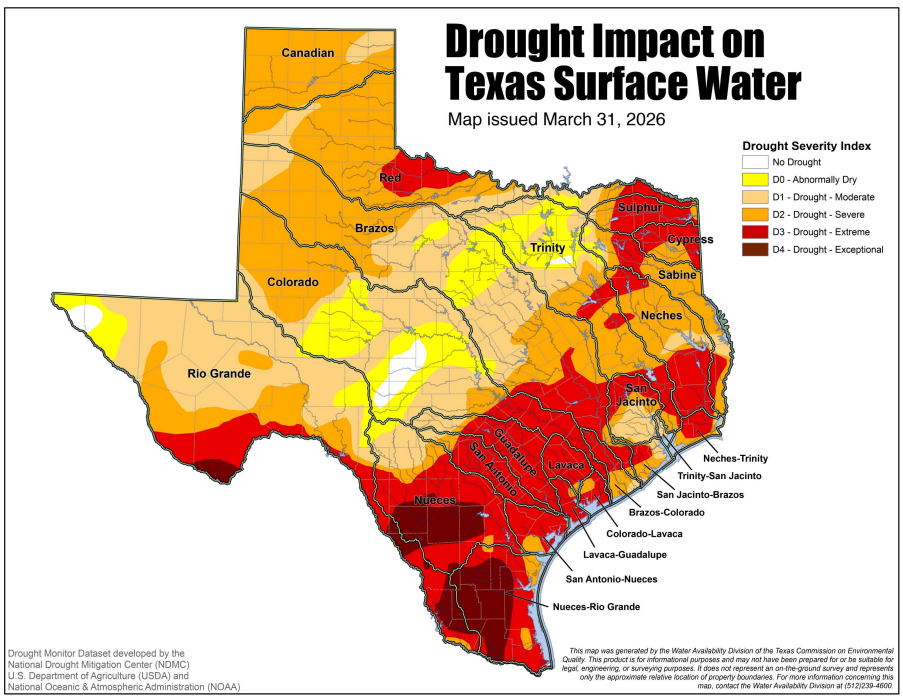
Year 2026													
Long-Term Use in Guadalupe Basin (Acre-feet)													
GBRA-Area Participants	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**	**Total**
Cibolo	8.73	7.89	13.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**30.20**
Marion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
East Central	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Green Valley	68.55	66.88	94.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**229.46**
Springs Hill	79.56	66.44	88.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**234.32**
Total	**156.84**	**141.21**	**195.92**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**493.98**
Long-Term Use in San Antonio Basin (Acre-feet)													
GBRA-Area Participants	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**	**Total**
Cibolo	24.94	22.55	38.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**86.29**
Marion	1.85	1.42	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**5.38**
East Central	22.74	26.58	34.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**83.95**
Green Valley	12.38	12.07	16.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**41.43**
Springs Hill	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Total	**61.91**	**62.63**	**92.51**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	217.05
Additional Long-Term Use in Guadalupe Basin (Acre-feet)													
GBRA-Area Participants	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**	**Total**
Cibolo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Marion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
East Central	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Green Valley	102.83	100.31	141.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**344.18**
Springs Hill	24.80	20.71	27.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**73.04**
Total	**127.63**	**121.02**	**168.57**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	417.22
Additional Long-Term Use in San Antonio Basin (Acre-feet)													
GBRA-Area Participants	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**	**Total**
Cibolo	9.98	9.02	15.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**34.51**
Marion	1.85	1.42	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**5.38**
East Central	37.90	44.30	57.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**139.92**
Green Valley	68.55	66.88	94.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**229.46**
Springs Hill	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Total	**118.29**	**121.62**	**169.37**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	409.27

CRWA
Board of Trustees
Drought Report

April 20, 2026



1



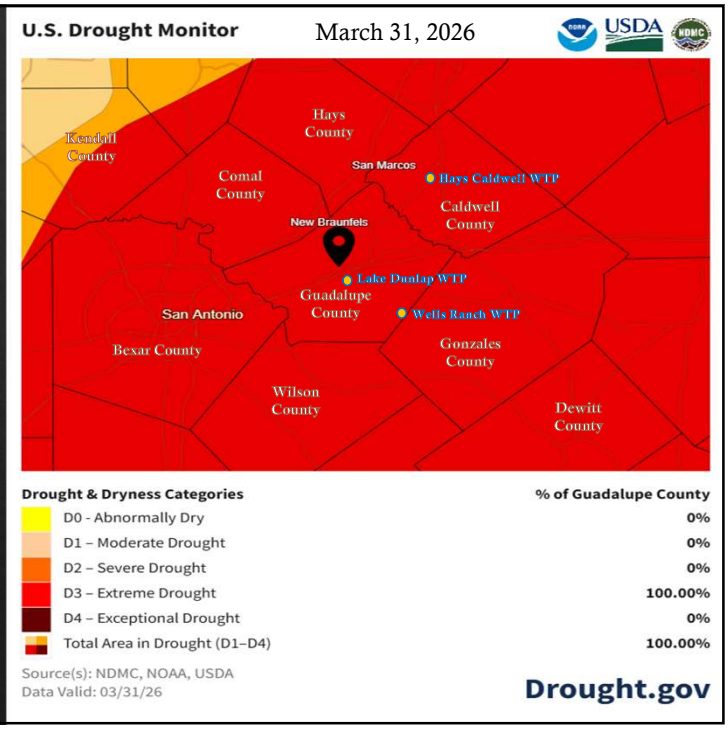
Moderate and Severe Conditions In the Upper Guadalupe Basin

Extreme Drought in the Mid and Lower Guadalupe Basin

CANYON REGIONAL
water authority

2

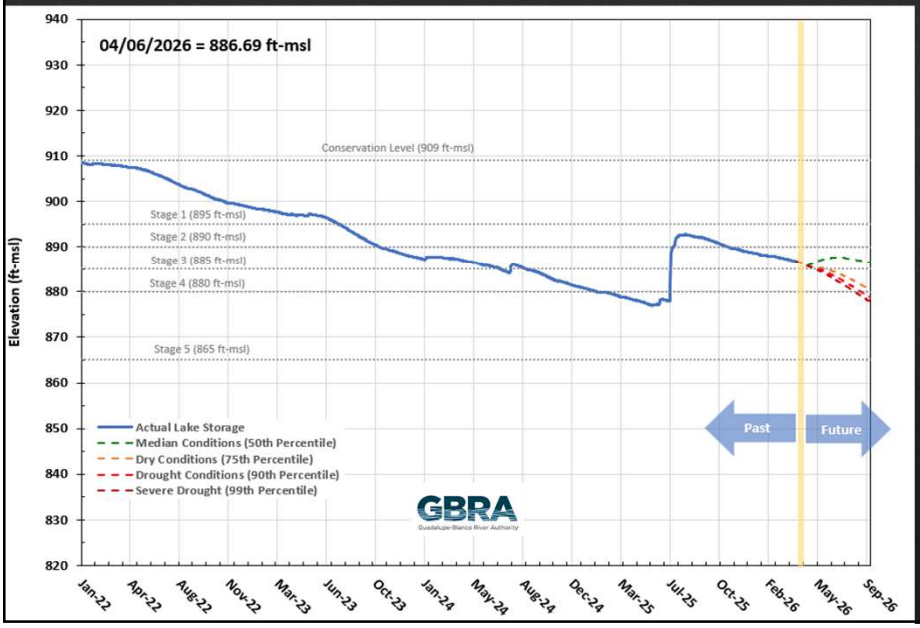
Drought Intensity by County



CANYON REGIONAL water authority

3

Canyon Lake Water Level Trends



CANYON REGIONAL water authority

WATER LEVEL

886.67

Feet MSL

Monday, April 6, 2026
11:15:00 AM
Level is 22.33 feet
below full pool of 909.00

Drought Trigger Levels

Stage 1 (Mild Conditions)
- 895 feet (msl)*
- Action – Voluntary 5% reduction

Stage 2 (Moderate Conditions)
- 890 feet (msl)
- Action – Voluntary 10% reduction

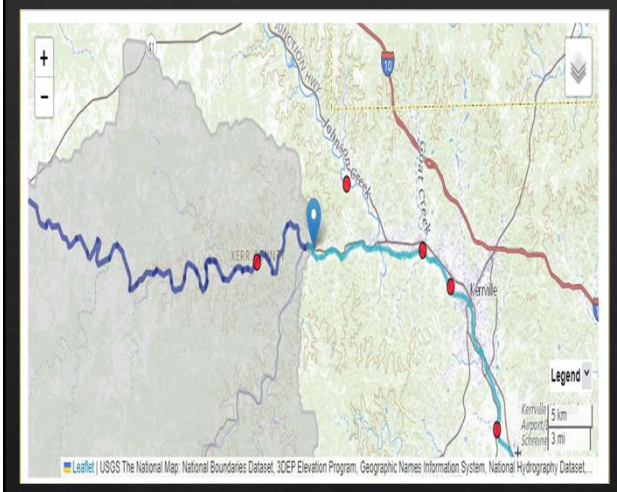
Stage 3 (Severe Conditions)
- 885 feet (msl)
- Action – Voluntary 15% reduction

Stage 4 (Critical Conditions)
- 880 (msl)
- Action – Pro Rata Share Mandatory 15% reduction

*Mean Sea Level

4

Precipitation above Canyon Lake – Kerr County

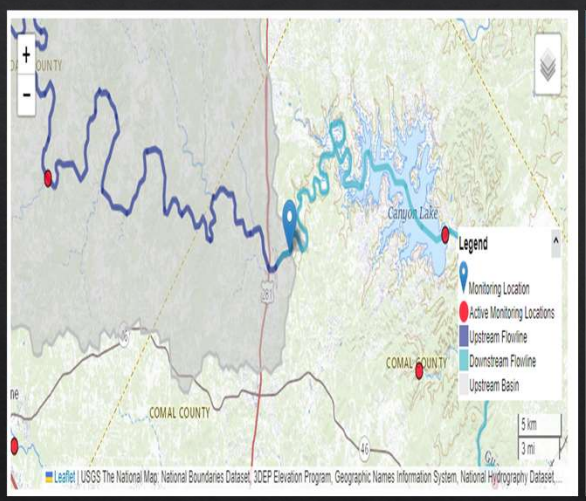


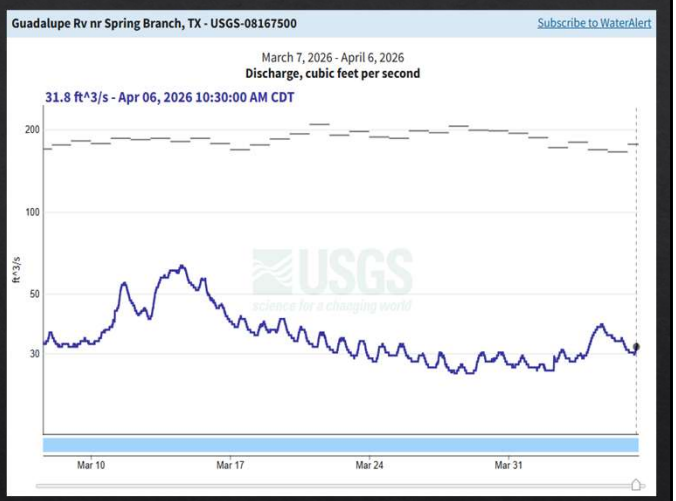


CANYON REGIONAL water authority

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Canyon Lake In-Flow (ft3/s)

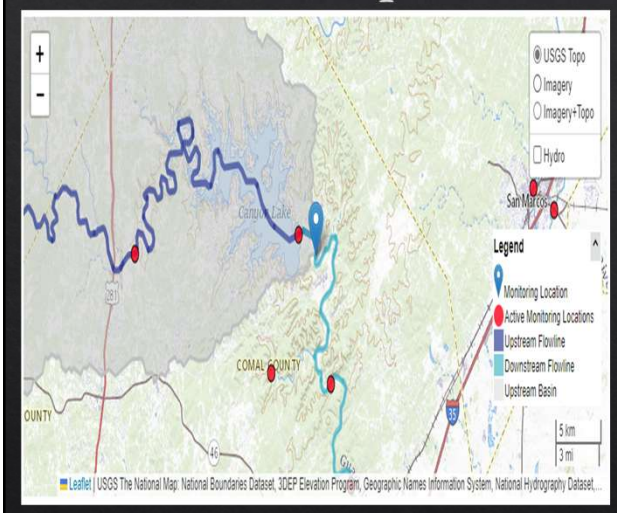




CANYON REGIONAL water authority

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Precipitation below Canyon Lake

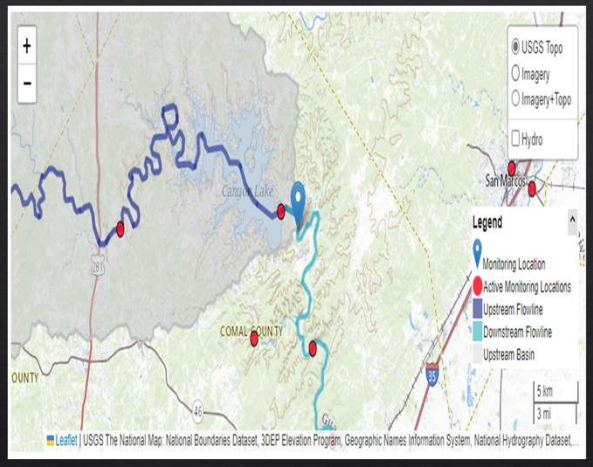


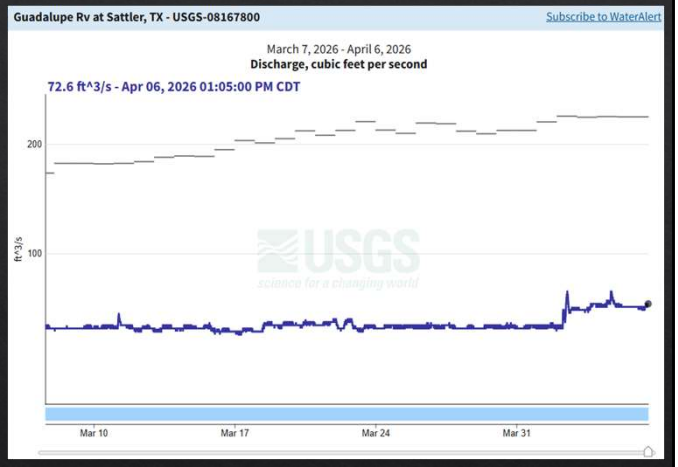


CANYON REGIONAL water authority

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Canyon Lake Out-Flow (ft3/s)

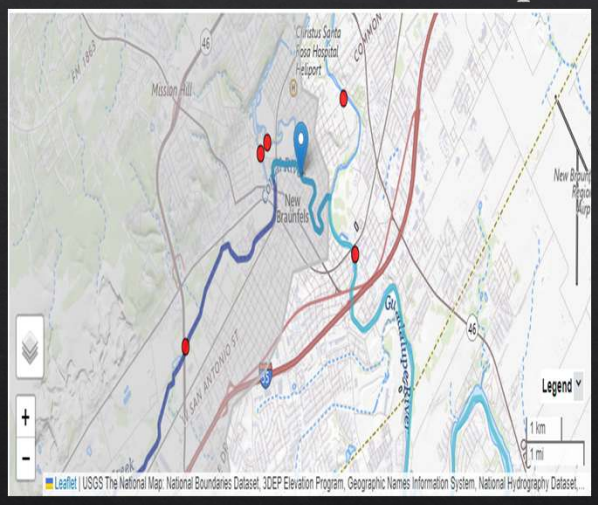




CANYON REGIONAL water authority

8

Comal Spring Flow (ft3/s)

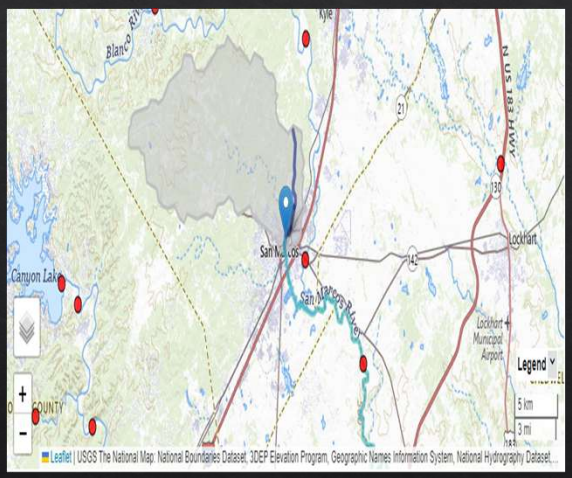


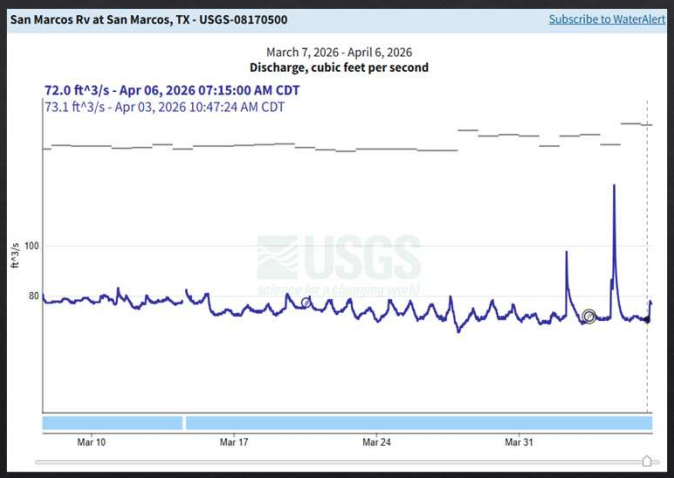


CANYON REGIONAL water authority

9

San Marcos Spring Flow (ft3/s)

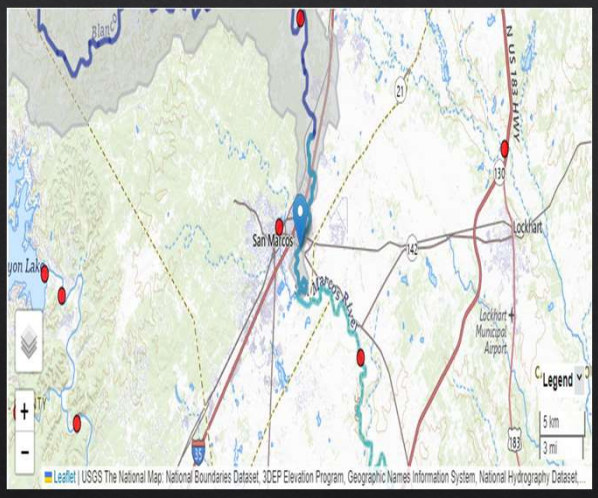


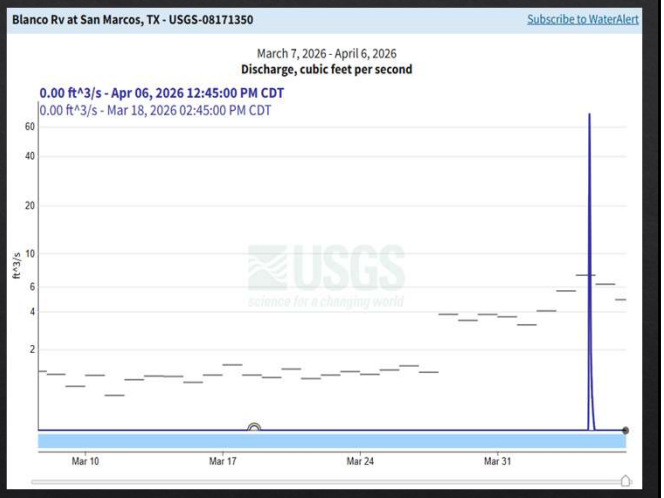


CANYON REGIONAL water authority

10

Blanco River Flow at San Marcos (ft3/s)





CANYON REGIONAL water authority

11

CANYON REGIONAL water authority

12

Lake Dunlap WTP / Wells Ranch WTP / Hays Caldwell WTP
Usage Report

CRWA Monthly Production, Daily Average and Peak Day									
2026	Lake Dunlap WTP			Wells Ranch WTP			Hays Caldwell WTP		
Date	Total Monthly Production MG	Production Daily Average MG	Production Peak Day MG	Total Monthly Production MG	Production Daily Average MG	Production Peak Day MG	Total Monthly Production MG	Production Daily Average MG	Production Peak Day MG
Jan-26	250.77	8.09	10.96	315.85	10.19	12.82	54.25	1.75	2.06
Feb-26	233.48	8.34	11.31	275.41	9.84	12.44	48.96	1.81	2.10
Mar-26	328.13	10.58	12.30	304.70	9.83	13.08	58.47	1.89	2.11
Apr-26									
May-26									
Jun-26									
Jul-26									
Aug-26									
Sep-26									
Oct-26									
Nov-26									
Dec-26									
YTD	**812.39**	**9.00**	**12.30**	**895.96**	**9.95**	**13.08**	**161.67**	**1.82**	**2.11**

Comments:

Acronyms:
MG = Million Gallons
TCEQ = Texas Commission on Environmental Quality
WTP = Water Treatment Plant

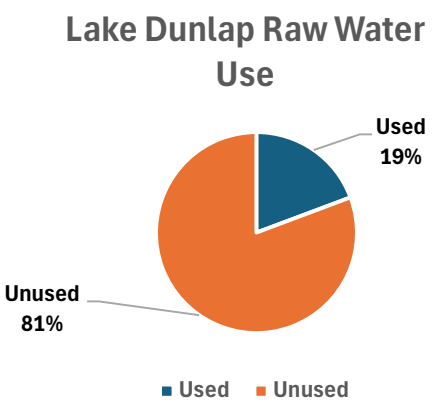
The numbers in the table above represent each plant's total production for the month, the peak day, and the daily average flow in million gallons. These numbers are included in monthly reporting to TCEQ.

Lake Dunlap WTP / Wells Ranch WTP / Hays Caldwell WTP
Usage Report

YEAR 2026 (January thru March)

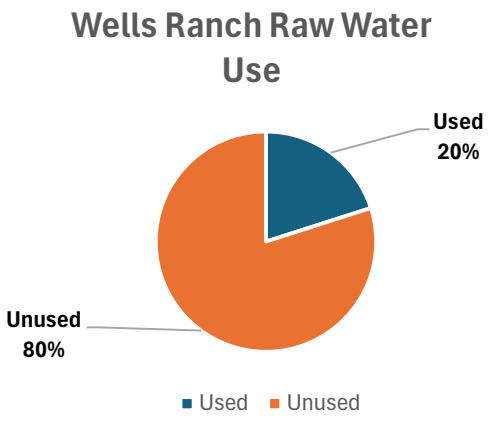
Lake Dunlap WTP
Raw Water Use

	Annual Allocation Acre-feet	YTD Use Acre-feet	Available Acre-feet
GBRA Leased Water	10,575.00	2,061.72	8,513.28
Lake Dunlap Water Rights			
#18-3829	400.00	75.00	325.00
#18-3832-A	44.00	10.00	34.00
#18-3833-B	30.50	0.00	30.50
#18-3834	71.48	3.50	67.98
#18-3834-A	18.52	0.00	18.52
Totals	**11,139.50**	**2,150.22**	**8,989.28**



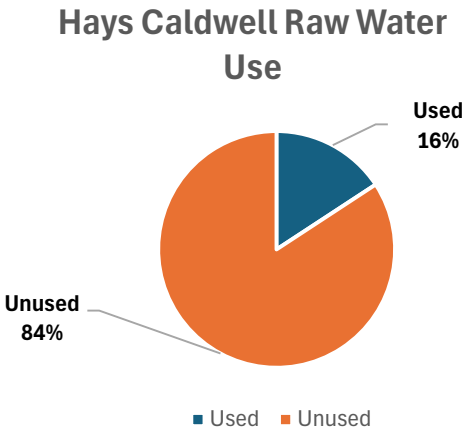
Wells Ranch WTP
Raw Water Use

	Annual Allocation Acre-feet	YTD Use Acre-feet	Available Acre-feet
Guadalupe County			
Carrizo Permit	3,174.68	486.76	2,687.92
Wilcox Permit	3,026.00	494.84	2,531.16
Gonzales County			
Carrizo Permit	8,320.05	1,933.02	6,387.03
Totals	**14,520.73**	**2,914.62**	**11,606.11**



Hays Caldwell WTP
Raw Water Use

	Annual Allocation Acre-feet	YTD Use Acre-feet	Available Acre-feet
GBRA Leased Water	2,038.00	457.34	1,580.66
Hays Caldwell Water Rights			
#18-3887-603	516.16	54.29	461.87
#18-3889-A	24.00	0.00	24.00
#18-3888-A	320.00	0.00	320.00
Totals	**2,898.16**	**511.63**	**2,386.53**



Lake Dunlap WTP / Wells Ranch WTP / Hays Caldwell WTP
Usage Report

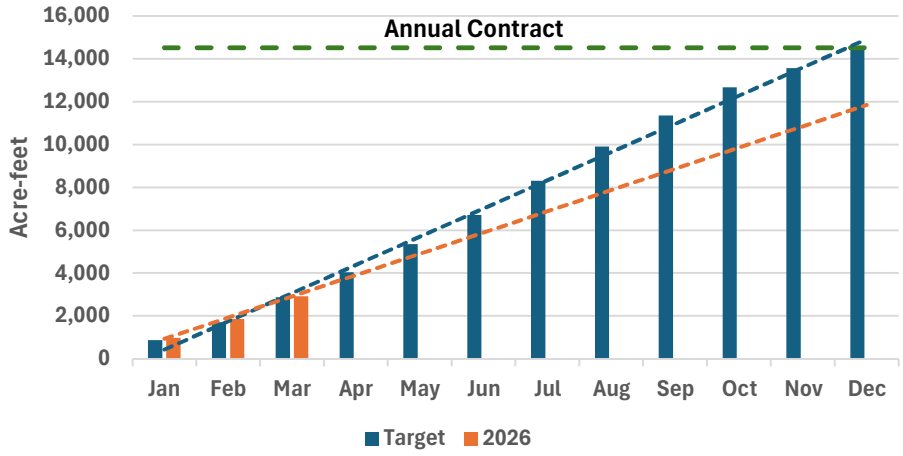
YEAR 2026 (January thru March)

Lake Dunlap - Raw Water Trend



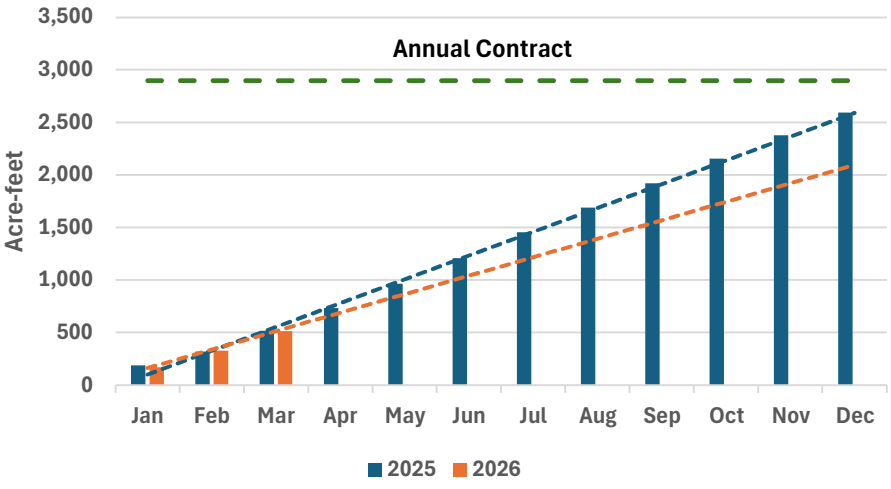
Month	Target AF	2026 AF
Jan	668.37	679.38
Feb	646.09	603.03
Mar	891.16	867.80
Apr	891.16	0.00
May	1,002.56	0.00
Jun	1,047.11	0.00
Jul	1,225.35	0.00
Aug	1,225.35	0.00
Sep	1,113.95	0.00
Oct	1,002.56	0.00
Nov	690.65	0.00
Dec	735.21	0.00
Total	**11,139.50**	**2,150.22**

Wells Ranch - Raw Water Trend



Month	Target AF	2026 AF
Jan	871.24	982.05
Feb	842.20	869.87
Mar	1,161.66	1,062.70
Apr	1,161.66	0.00
May	1,306.87	0.00
Jun	1,364.95	0.00
Jul	1,597.28	0.00
Aug	1,597.28	0.00
Sep	1,452.07	0.00
Oct	1,306.87	0.00
Nov	900.29	0.00
Dec	958.37	0.00
Total	**14,520.73**	**2,914.62**

Hays Caldwell - Raw Water Trend



Month	Target AF	2026 AF
Jan	186.66	170.47
Feb	132.22	158.54
Mar	197.03	182.62
Apr	217.77	0.00
May	230.73	0.00
Jun	243.69	0.00
Jul	246.28	0.00
Aug	235.91	0.00
Sep	230.73	0.00
Oct	233.32	0.00
Nov	222.95	0.00
Dec	215.17	0.00
Total	**2,592.46**	**511.63**

Lake Dunlap WTP / Wells Ranch WTP / Hays Caldwell WTP
Usage Report

YEAR 2026 (January thru March)							
Hays Caldwell Treated Water Monthly Use by Entity							
Treated (Delivered) Water	**Month**	**County Line Acre-feet**	**Crystal Clear Acre-feet**	**Martindale Acre-feet**	**Maxwell Acre-feet**	**City of San Marcos Acre-feet**	**Hays Caldwell Total Treated (Delivered) Acre-feet**
	Jan-26	27.64	22.92	9.57	103.82	0.00	163.95
	Feb-26	26.17	24.01	7.79	94.32	0.00	152.30
	Mar-26	33.70	27.50	7.19	114.09	0.00	182.48
	Apr-26	0.00	0.00	0.00	0.00	0.00	0.00
	May-26	0.00	0.00	0.00	0.00	0.00	0.00
	Jun-26	0.00	0.00	0.00	0.00	0.00	0.00
	Jul-26	0.00	0.00	0.00	0.00	0.00	0.00
	Aug-26	0.00	0.00	0.00	0.00	0.00	0.00
	Sep-26	0.00	0.00	0.00	0.00	0.00	0.00
	Oct-26	0.00	0.00	0.00	0.00	0.00	0.00
	Nov-26	0.00	0.00	0.00	0.00	0.00	0.00
	Dec-26	0.00	0.00	0.00	0.00	0.00	0.00
	Total Use	**87.51**	**74.44**	**24.55**	**312.23**	**0.00**	**498.73**

Lake Dunlap / Wells Ranch Treated Water Use by Entity							
Treated (Delivered) Water	**Month**	**East Central Acre-feet**	**Green Valley Acre-feet**	**Cibolo Acre-feet**	**Springs Hill Acre-feet**	**Crystal Clear Acre-feet**	***Lake Dunlap / Wells Ranch Sub-Total (1) Acre-feet**
	Jan-26	232.16	432.40	164.75	132.28	96.68	1,058.27
	Feb-26	220.13	405.61	147.73	109.92	94.28	977.68
	Mar-26	264.02	533.70	202.23	145.19	98.44	1,243.59
	Apr-26	0.00	0.00	0.00	0.00	0.00	0.00
	May-26	0.00	0.00	0.00	0.00	0.00	0.00
	Jun-26	0.00	0.00	0.00	0.00	0.00	0.00
	Jul-26	0.00	0.00	0.00	0.00	0.00	0.00
	Aug-26	0.00	0.00	0.00	0.00	0.00	0.00
	Sep-26	0.00	0.00	0.00	0.00	0.00	0.00
	Oct-26	0.00	0.00	0.00	0.00	0.00	0.00
	Nov-26	0.00	0.00	0.00	0.00	0.00	0.00
	Dec-26	0.00	0.00	0.00	0.00	0.00	0.00
	Total Use	**716.32**	**1,371.71**	**514.71**	**387.39**	**289.41**	**3,279.53**

*See next page for Lake Dunlap Wells Ranch Treated Water Use by Entity Total.

Lake Dunlap WTP / Wells Ranch WTP / Hays Caldwell WTP
Usage Report

YEAR 2026 (January thru March)

Lake Dunlap / Wells Ranch Treated Water Monthly Use by Entity

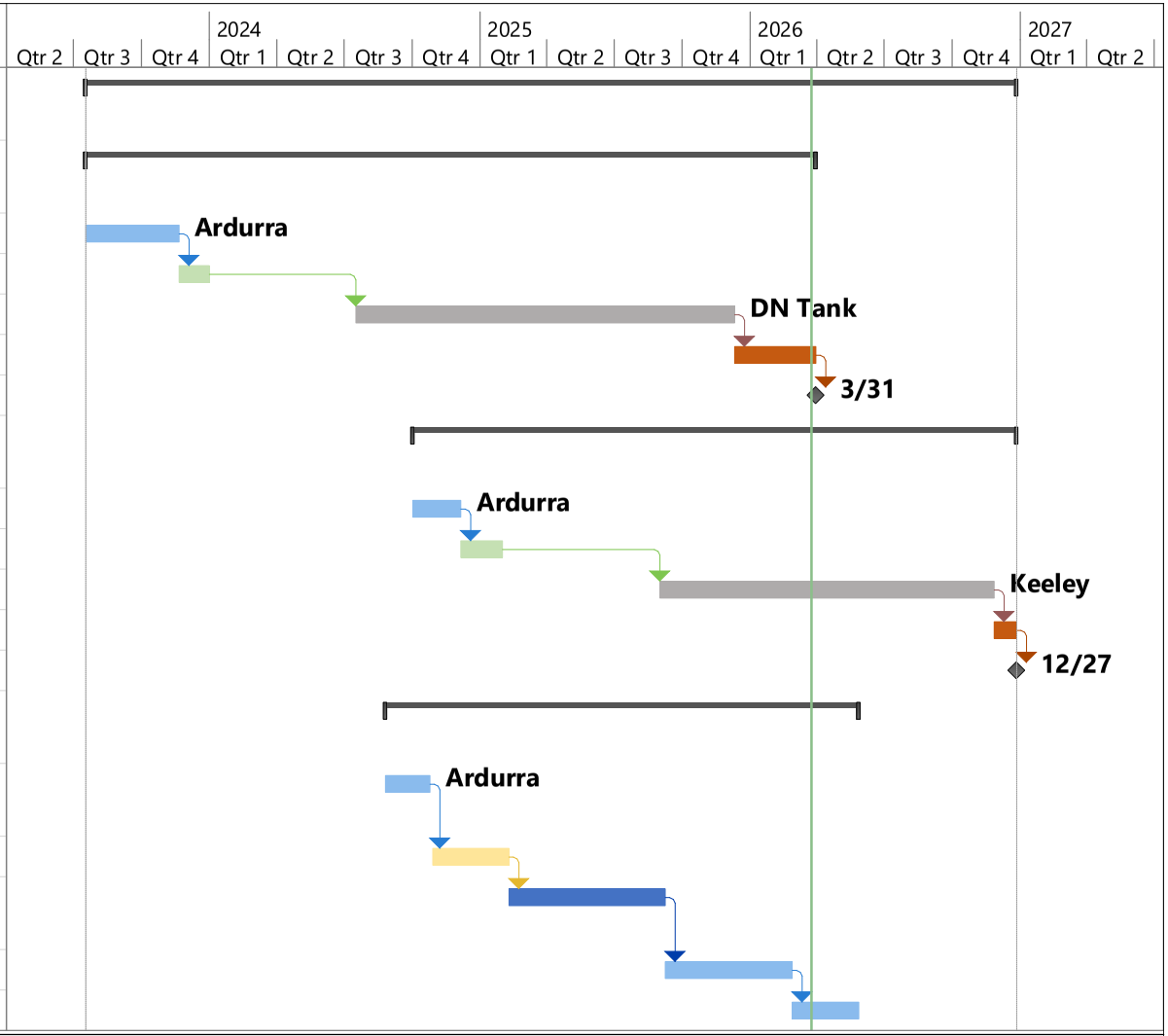
Treated (Delivered) Water	Month	SAWS Acre-feet	Marion Acre-feet	Converse Acre-feet	**Lake Dunlap / Wells Ranch Sub-Total (2) Acre-feet	*Lake Dunlap / Wells Ranch Sub-Total (1) Acre-feet	Lake Dunlap / Wells Ranch Total Acre-feet
	Jan-26	512.50	13.98	33.16	559.64	1,058.27	1,617.91
	Feb-26	448.75	10.64	30.66	490.05	977.68	1,467.73
	Mar-26	518.12	12.57	33.29	563.98	1,243.59	1,807.56
	Apr-26	0.00	0.00	0.00	0.00	0.00	0.00
	May-26	0.00	0.00	0.00	0.00	0.00	0.00
	Jun-26	0.00	0.00	0.00	0.00	0.00	0.00
	Jul-26	0.00	0.00	0.00	0.00	0.00	0.00
	Aug-26	0.00	0.00	0.00	0.00	0.00	0.00
	Sep-26	0.00	0.00	0.00	0.00	0.00	0.00
	Oct-26	0.00	0.00	0.00	0.00	0.00	0.00
	Nov-26	0.00	0.00	0.00	0.00	0.00	0.00
	Dec-26	0.00	0.00	0.00	0.00	0.00	0.00
	Total Use	**1,479.37**	**37.19**	**97.11**	**1,613.67**	**3,279.53**	**4,893.20**

*Sub-Total (1) from previous page - East Central, Green Valley, Cibolo, Springs Hill, and Crystal Clear
**Sub-Total (2) from current page - SAWS, Marion, and Converse.

Entity Percentage Use Treated Water

Drought Stage	Entity	LD/WR/HC Contract Acre-feet	YTD Use Acre-feet	% Used	Comments
I	Cibolo	3,210.93	514.71	16.0%	*Maxwell has leased 250 AF/YR from Countyline. *Maxwell has leased 80 AF/YR from Martindale. **Springs Hill has leased 500 AF/YR from SAWS.
	Converse	500.00	97.11	19.4%	
	County Line	1,058.00	87.51	8.3%	
	Crystal Clear - WR	1,292.39	289.41	22.4%	
	Crystal Clear - HC	500.00	74.44	14.9%	
	East Central	2,400.00	716.32	29.8%	
	Green Valley	7,455.68	1,371.71	18.4%	
	Marion	300.00	37.19	12.4%	
	Martindale	120.00	24.55	20.5%	
	* Maxwell	1,230.00	312.23	25.4%	
	** Springs Hill	2,550.00	387.39	15.2%	
	SAWS	6,300.00	1,479.37	23.5%	

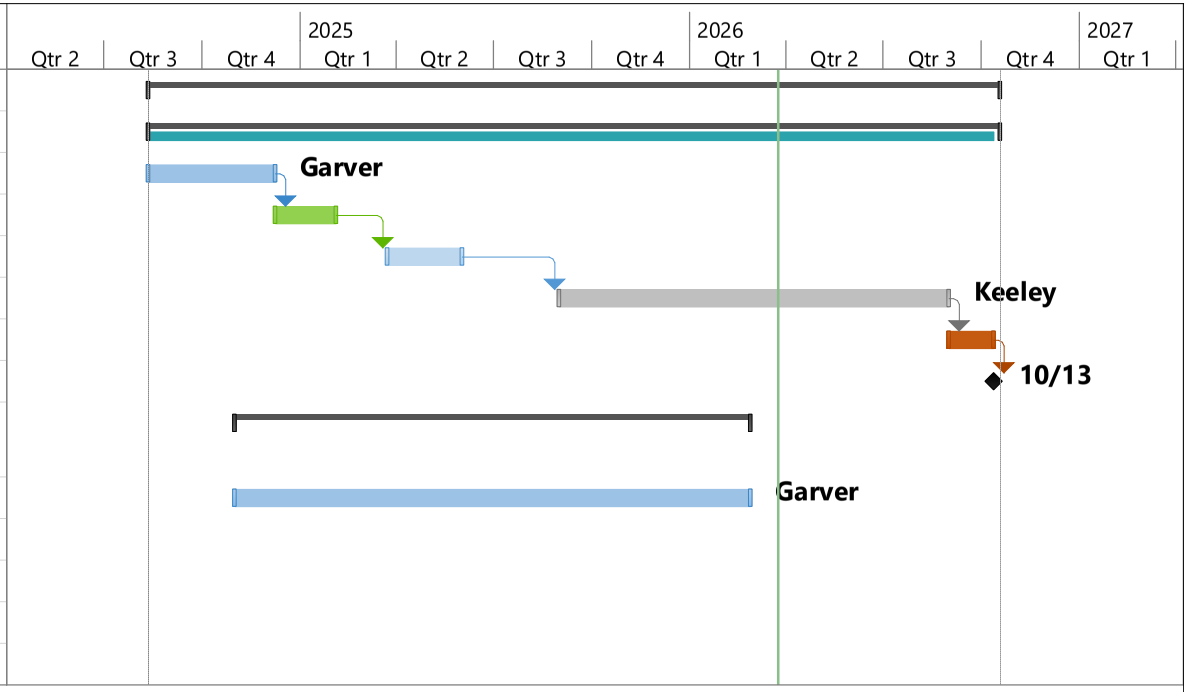
Task Name	Duration	Start	Finish
Hays Caldwell Projects	**1258 days**	**7/18/23**	**12/27/26**
Improvements Phase I	**987 days**	**7/18/23**	**3/31/26**
Repackage	126 days	7/18/23	11/21/23
Bid	41 days	11/21/23	1/1/24
Construction	512 days	7/17/24	12/11/25
Close out	110 days	12/11/25	3/31/26
Completion	0 days	3/31/26	3/31/26
Improvements Phase II	**816 days**	**10/2/24**	**12/27/26**
Repackage	65 days	10/2/24	12/6/24
Bid	56 days	12/6/24	1/31/25
Construction	452 days	9/1/25	11/27/26
Close out	30 days	11/27/26	12/27/26
Completion	0 days	12/27/26	12/27/26
Membrane Pilot Study	**640 days**	**8/26/24**	**5/28/26**
Pilot solicitation	60 days	8/26/24	10/25/24
Board approval	103 days	10/29/24	2/9/25
Delivery and set up	211 days	2/9/25	9/8/25
Pilot testing	172 days	9/8/25	2/27/26
TCEQ Review	90 days	2/27/26	5/28/26



Project: Hays CAldwell Timeline
Date: 3/25/26

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

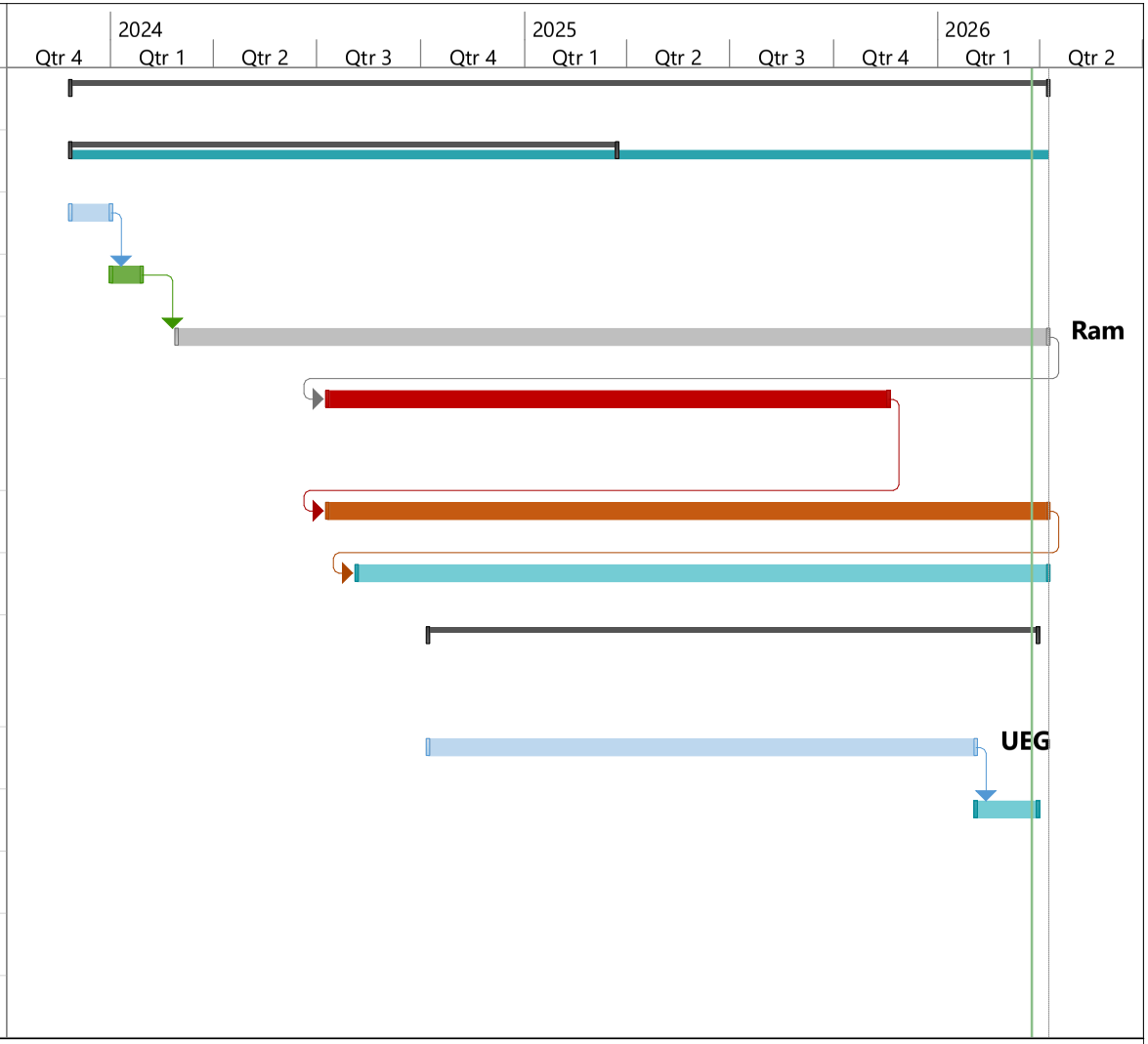
Task Name	Duration	Start	Finish
Lake Dunlap Projects	**798 days**	**8/12/24**	**10/19/26**
Filter Strainers	**798 days**	**8/12/24**	**10/19/26**
Design	119 days	8/12/24	12/9/24
Bid	57 days	12/9/24	2/4/25
Award	70 days	3/24/25	6/2/25
Construction	365 days	9/1/25	9/1/26
Close out	42 days	9/1/26	10/13/26
Completion	0 days	10/13/26	10/13/26
Nanostone Improvements	**483 days**	**11/1/24**	**2/27/26**
Preliminary Design	483 days	11/1/24	2/27/26
Bid	TBD		
Construction	TBD		
Close out	TBD		
Completion	TBD		



Project: Lake Dunlap Projects
Date: 3/25/26

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

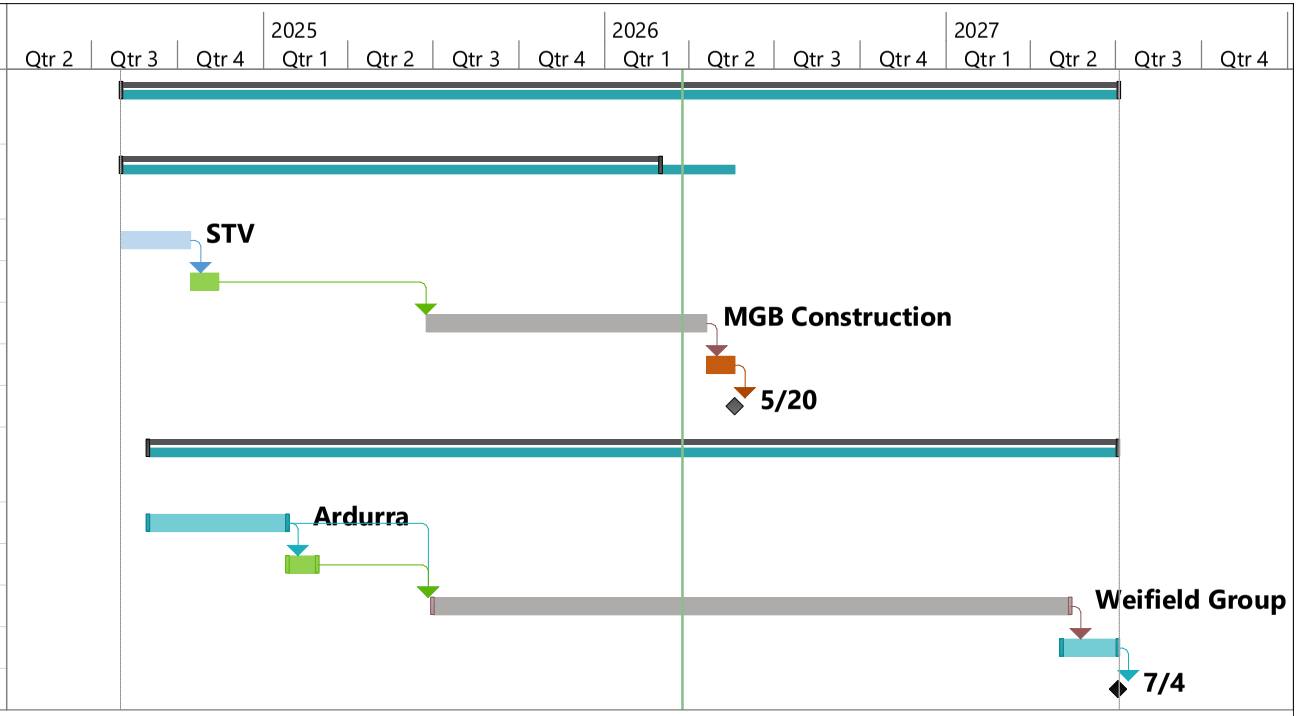
Task Name	Duration	Start	Finish
CRWA Pipeline Projects	**864 days**	**11/27/23**	**4/9/26**
Zuehl Relocation	**483 days**	**11/27/23**	**3/24/25**
Design	36 days	11/27/23	1/2/24
Bid	27 days	1/2/24	1/29/24
Construction	770 days	2/29/24	4/9/26
Days over completion	496 days	7/11/24	11/19/25
Close out	637 days	7/11/24	4/9/26
Completion	611 days	8/6/24	4/9/26
TxDOT/CRWA IH-10 Conflict at Channel-D	**539 days**	**10/8/24**	**3/31/26**
Design	484 days	10/8/24	2/4/26
Bid	55 days	2/4/26	3/31/26
Construction	TBD		
Close out	TBD		
Completion	TBD		



Project: Pipeline Projects Timeli
Date: 3/25/26

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

Task Name	Duration	Start
Wells Ranch Projects	**1067 days**	**8/1/24**
Wells Ranch - Well #2 & #14	**577 days**	**8/1/24**
Design	74 days	8/1/24
Bid	30 days	10/14/24
Construction	300 days	6/24/25
Close out	30 days	4/20/26
Completion	0 days	5/20/26
Wells Ranch - Generator	**1037 days**	**8/31/24**
Design	149 days	8/31/24
Bid	32 days	1/27/25
Construction	682 days	7/1/25
Close out	60 days	5/5/27
Completion	0 days	7/4/27



Project: Wells Ranch Timeline (F
Date: 3/25/26

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

ARDURRA
COLLABORATE. INNOVATE. CREATE.

Memo

To: Kerry Averyt, General Manager
Canyon Regional Water Authority

From: Yue Sun, P.E., BCEE

Date: March 31st, 2026

Re: Project Status Report for:
Hays Caldwell WTP Improvements
Wells Ranch Emergency Generator Improvements

Below is the Project Status Report for the Hays Caldwell Water Treatment Plant Improvements, and Wells Ranch Emergency Generator Improvements projects:

HC WTP Facility Improvements:

- Phase 1 Construction Status
  - Received 91 submittals and 90 have been returned. The outstanding submittal is expected to be returned before the end of month.
  - Received 15 RFIs and all have been reviewed and returned.
  - Reviewed and approved pay applications.
  - Attended progress meetings and continued misc. coordination with CMCI team and General Contractor.
  - Conducted a substantial completion walkthrough and punch list has been distributed on February 11, 2026. DN tank is addressing punch list items.
- Phase 2 Ozone Improvements Construction Status
  - Received 147 submittals and 142 have been returned.
  - Received 51 RFIs and 50 have been returned.
  - Reviewed and approved pay applications.
  - Miscellaneous coordination meetings with Primozone, Keeley and CRWA to discuss submittal coordination.
  - .

- HC WTP Membrane Replacement
  - Received data reports from all three vendors.
  - Received lab reports.
  - Continue working on pilot study report.

Wells Ranch WTP Improvements:

- Received 22 submittals and returned 22 submittals.
- Contractor progress:
  - Completed installation of the cable tray system at the water plants.

HC WTP TWDB SWIFT Application:

- TWDB Board approved this application on July 23, 2024. CRWA decided not to pursue.

TWDB DWSRF Application:

- Project Information Form (PIF) submitted on March 1, 2024.
- Two separate PIFs, one for HC WTP Expansion (Phase 2 +Membrane), and one for Pipeline.
- Both CRWA HC WTP and Pipeline projects are on the approved intended use plan list.

Project Status Report to Canyon Regional Water Authority

Reporting Date: March 23, 2026

Project Name: Hays / Caldwell Water Treatment Plant Improvements, Phase 1

Project Manager: Julie Hastings, P.E. **Lead Technical Professional:** Stanley Fees, P.E.

Construction Administrator: Cobb, Fendley & Associates, Inc.

Design Consultant: Ardurra Group, Inc.

General Contractor: DN Tanks, L.L.C.

Overall Scope of Work on this Project:

1. Construct one new 1.0 MG post-tensioned concrete Finished Water Ground Storage Tank.
2. Provide site grading; drainage swales; driveway culverts; a bio-retention cell with associated piping and vegetation; chain link fencing with gates; and site restoration.
3. Install yard piping modifications and improvements.
4. Construct driveway and roadway improvements.
5. Provide miscellaneous civil site improvements including site demolition, erosion control, and concrete foundations.
6. Provide miscellaneous electrical and instrumentation / controls improvements at the WTP.

Construction Schedule:

The General Contractor's Schedule for Construction of the Ground Storage Tank and associated appurtenances is provided for review as **Attachment No. 1** to this Project Status Report. It was updated by the Contractor on November 17th, 2025.

Completed Work Items To-Date (General):

- Punchlist Items 1, 3, 4, 10, 12, 13, 14, 17, 18, and 19 have been completed.
- Punchlist item 5 is being removed.
- Punchlist items 8 and 16 were removed on deductive change order and moved to Phase 2.

Punchlist Work Items To Be Scheduled (General) – Refer to Attachment 3

Summary of Geotechnical Testing, Concrete Strength Analysis, and Hydrostatic Pressure Testing of Pipe and Fittings completed To-Date:

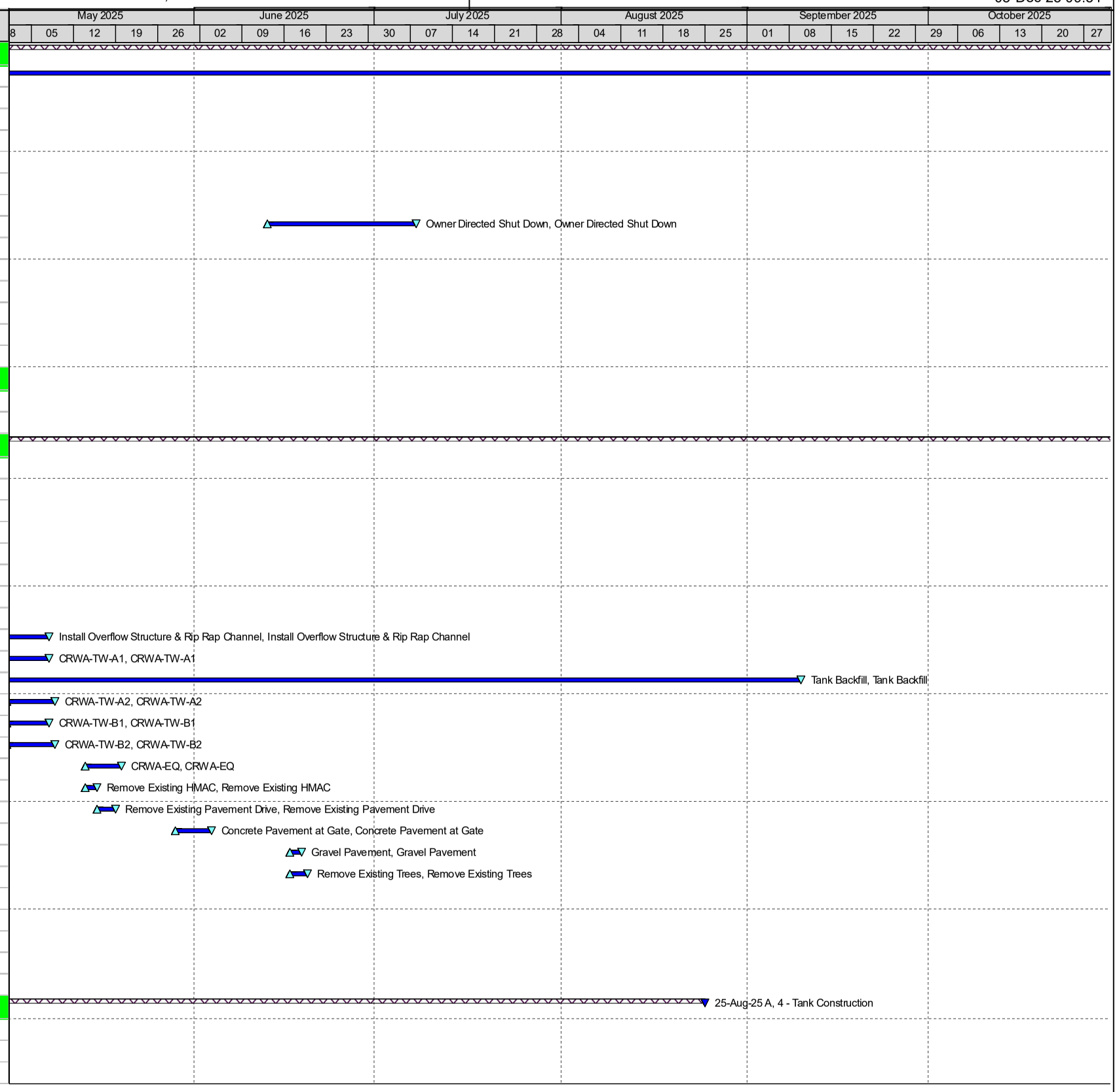
No Reports from Geotechnical Testing, Concrete Strength Analysis, and Hydrostatic Pressure Testing of Pipe and Fittings were received from the Contractor by the Construction Administrator since the date of the last monthly Report to the CRWA Construction Committee.

Site Photos of Punchlist Items completed To-Date:

The Site Photos of Punchlist items completed for construction of the Ground Storage Tank and associated appurtenances since the last reporting period are provided within a group for review as **Attachment No. 2** to this Project Status Report.

San Marcos, TX (CRWA) - 1.0MG - Schedule Update 11-17-2025 | DN Tanks, LLC | 05-Dec-25 09:54

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Actual Start	Actual Finish
1 - Administration/ Submittals/ Engineering		410	62	17-Jul-24 A	10-Feb-26	17-Jul-24	
A2330	Contract Duration 365 Days	365	57	17-Jul-24 A	12-Jan-26	17-Jul-24	
A3230	Obtain FAA Permit	24	0	17-Jul-24 A	06-Aug-24 A	17-Jul-24	06-Aug-24
A2350	Notice to Proceed	0	0	17-Jul-24 A		17-Jul-24	
A2820	Administrative - Subcontracts Contract Preparation/ Execution	30	0	17-Jul-24 A	01-Oct-24 A	17-Jul-24	01-Oct-24
A2210	Tank Final Design Submittal	30	0	01-Aug-24 A	03-Oct-24 A	01-Aug-24	03-Oct-24
A2830	Obtain SWPPP Permit	30	0	23-Aug-24 A	23-Aug-24 A	23-Aug-24	23-Aug-24
A2220	Tank Final Design Submittal Review/ Approval	12	0	04-Oct-24 A	22-Oct-24 A	04-Oct-24	22-Oct-24
A3460	Owner Directed Shut Down	17	0	13-Jun-25 A	08-Jul-25 A	13-Jun-25	08-Jul-25
A2340	Contractual Final Completion 7/16/2025	0	0		17-Nov-25*		
A3180	Punchlist	15	15	17-Nov-25	15-Dec-25		
A3430	Contractual Substantial Completion Date 06/16/2025	0	0		17-Nov-25*		
A3440	Projected Substantial Completion	0	0		17-Nov-25		
A3170	Projected Final Completion	0	0		07-Jan-26		
A3490	Credited Weather Days	19	19	07-Jan-26	10-Feb-26		
2 - Procurement		128	0	23-Sep-24 A	21-Dec-24 A	23-Sep-24	21-Dec-24
A2230	Keeley Procure Tank Underslab/ Yard Pipe	60	0	23-Sep-24 A	09-Dec-24 A	23-Sep-24	09-Dec-24
A3420	Keeley Procure Valves	128	0	08-Oct-24 A	21-Dec-24 A	08-Oct-24	21-Dec-24
3 - Site Work		237	26	26-Aug-24 A	07-Jan-26	26-Aug-24	
A2770	Install SWPPP	4	0	26-Aug-24 A	26-Aug-24 A	26-Aug-24	26-Aug-24
A3380	Remove Existing Fence	2	0	26-Aug-24 A	27-Aug-24 A	26-Aug-24	27-Aug-24
A2880	Tank Excavation to Subgrade	10	0	30-Aug-24 A	03-Sep-24 A	30-Aug-24	03-Sep-24
A3400	Remove & Re-Compact 3'-0" of Native Soil	8	0	04-Sep-24 A	11-Sep-24 A	04-Sep-24	11-Sep-24
A3220	Install Select Fill	10	0	12-Sep-24 A	13-Sep-24 A	12-Sep-24	13-Sep-24
A2960	Install / Grade Leveling Base	5	0	14-Sep-24 A	23-Dec-24 A	14-Sep-24	23-Dec-24
A1900	Install GST Laydown / Casting / Winding Track	10	0	17-Sep-24 A	20-Sep-24 A	17-Sep-24	20-Sep-24
A3370	Install Underslab Piping	5	0	20-Nov-24 A	12-Dec-24 A	20-Nov-24	12-Dec-24
A2870	Install Overflow Structure & Rip Rap Channel	10	0	01-Apr-25 A	08-May-25 A	01-Apr-25	08-May-25
A3280	CRWA-TW-A1	8	0	07-Apr-25 A	08-May-25 A	07-Apr-25	08-May-25
A3410	Tank Backfill	4	0	18-Apr-25 A	10-Sep-25 A	18-Apr-25	10-Sep-25
A3290	CRWA-TW-A2	4	0	01-May-25 A	09-May-25 A	01-May-25	09-May-25
A3300	CRWA-TW-B1	6	0	01-May-25 A	08-May-25 A	01-May-25	08-May-25
A3310	CRWA-TW-B2	2	0	01-May-25 A	09-May-25 A	01-May-25	09-May-25
A3320	CRWA-EQ	4	0	14-May-25 A	20-May-25 A	14-May-25	20-May-25
A3390	Remove Existing HMAC	2	0	14-May-25 A	16-May-25 A	14-May-25	16-May-25
A3350	Remove Existing Pavement Drive	8	0	16-May-25 A	19-May-25 A	16-May-25	19-May-25
A3330	Concrete Pavement at Gate	8	0	29-May-25 A	04-Jun-25 A	29-May-25	04-Jun-25
A3340	Gravel Pavement	8	0	17-Jun-25 A	19-Jun-25 A	17-Jun-25	19-Jun-25
A3360	Remove Existing Trees	3	0	17-Jun-25 A	20-Jun-25 A	17-Jun-25	20-Jun-25
A2900	Site Restoration	8	8	17-Nov-25	02-Dec-25		
A3450	Yard Piping Connections to Existing Tank Penetrations	5	5	25-Nov-25	05-Dec-25		
A3200	Temp Irrigation Install	2	2	03-Dec-25	05-Dec-25		
A3190	Hydroseeding	2	2	08-Dec-25	10-Dec-25		
A3210	Establish Vegetation	13	13	11-Dec-25	07-Jan-26		
4 - Tank Construction		140	0	06-Dec-24 A	25-Aug-25 A	06-Dec-24	25-Aug-25
A1140	DN Tanks Mobilize & Setup Jobsite	3	0	06-Dec-24 A	14-Dec-24 A	06-Dec-24	14-Dec-24
A1160	Mill Lumber	4	0	10-Dec-24 A	19-Dec-24 A	10-Dec-24	19-Dec-24
A1170	Build Casting Beds	4	0	16-Dec-24 A	20-Dec-24 A	16-Dec-24	20-Dec-24



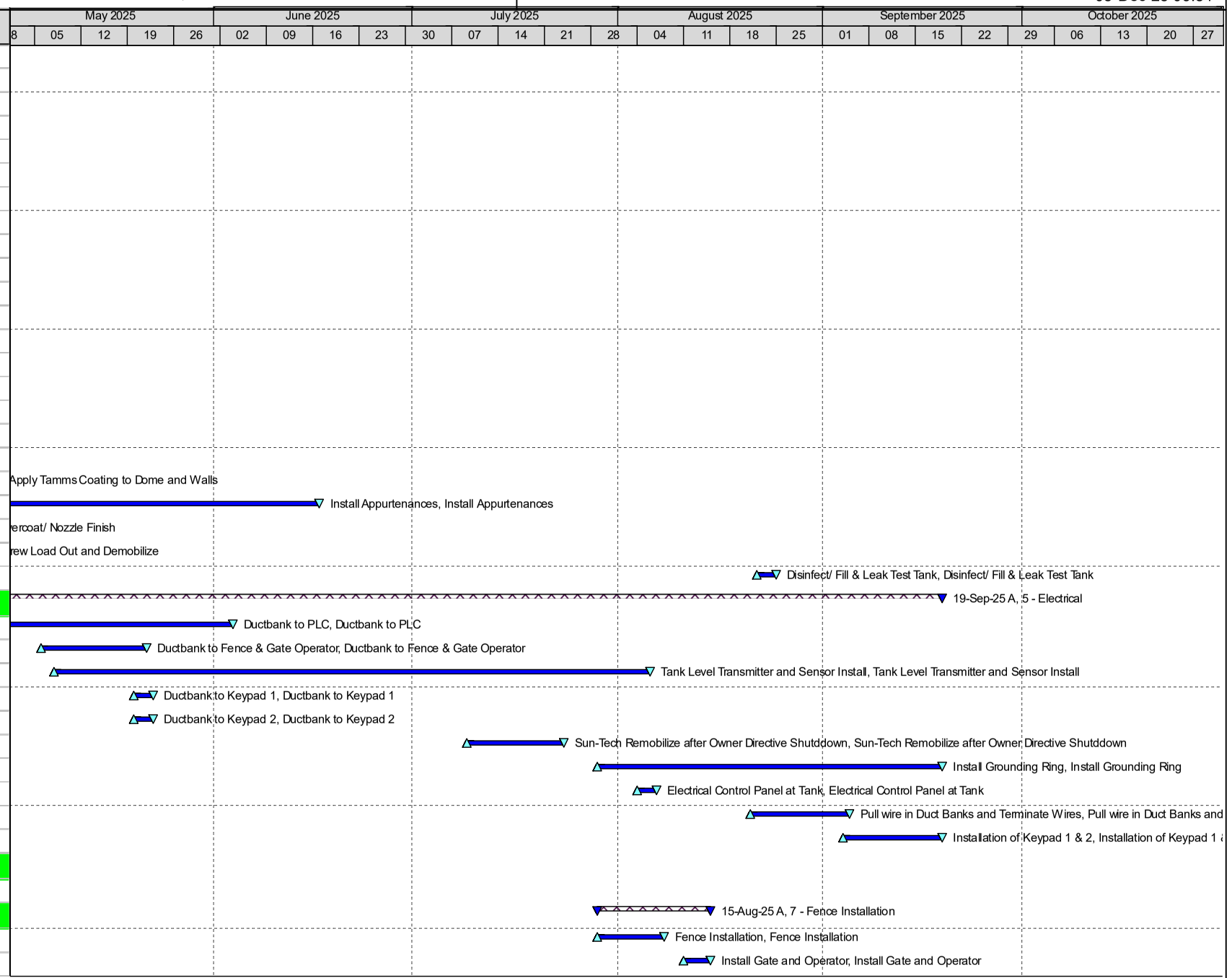
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Date	Revision	Checked	Approved
17-Nov-25	Schedule Update - 11-17-2025		

Project Manager: Rey Moreno
Project Engineer: Preston Sidwell

San Marcos, TX (CRWA) - 1.0MG - Schedule Update 11-17-2025 | DN Tanks, LLC | 05-Dec-25 09:54

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Actual Start	Actual Finish
A1180	Install Footing Form	2	0	19-Dec-24 A	03-Jan-25 A	19-Dec-24	03-Jan-25
A1220	Seam Diaphragm	2	0	19-Dec-24 A	23-Dec-24 A	19-Dec-24	23-Dec-24
A1190	Install Floor/ Footing Reinforcing	4	0	02-Jan-25 A	07-Jan-25 A	02-Jan-25	07-Jan-25
A1200	Install Waterstop / QC Floor	2	0	08-Jan-25 A	09-Jan-25 A	08-Jan-25	09-Jan-25
A1210	Pour Floor	1	0	13-Jan-25 A	13-Jan-25 A	13-Jan-25	13-Jan-25
A1230	Form/ Pour/ Strip Wall & Dome Panels	10	0	14-Jan-25 A	28-Jan-25 A	14-Jan-25	28-Jan-25
A1240	Layout & Erect Dome Shoring	4	0	16-Jan-25 A	03-Feb-25 A	16-Jan-25	03-Feb-25
A1250	Erect Wall & Dome Panels	4	0	05-Feb-25 A	07-Feb-25 A	05-Feb-25	07-Feb-25
A1260	Erect Wall Slots	2	0	10-Feb-25 A	10-Feb-25 A	10-Feb-25	10-Feb-25
A1270	Pour Wall Slots	1	0	11-Feb-25 A	12-Feb-25 A	11-Feb-25	12-Feb-25
A2250	Place Dome Ring Concrete	1	0	13-Feb-25 A	14-Feb-25 A	13-Feb-25	14-Feb-25
A1310	Strip Shoring	4	0	19-Feb-25 A	25-Feb-25 A	19-Feb-25	25-Feb-25
A2270	Strip Dome Ring	2	0	19-Feb-25 A	21-Feb-25 A	19-Feb-25	21-Feb-25
A1280	Shoot Corewall	2	0	24-Feb-25 A	26-Feb-25 A	24-Feb-25	26-Feb-25
A1290	Wirewind Dome Ring	3	0	24-Feb-25 A	27-Feb-25 A	24-Feb-25	27-Feb-25
A1000	Prepare and Pour Cove	2	0	26-Feb-25 A	28-Feb-25 A	26-Feb-25	28-Feb-25
A1300	Wirewind Wall Pre-Cove	3	0	27-Feb-25 A	04-Mar-25 A	27-Feb-25	04-Mar-25
A1330	Wirewind Wall Post Cove	4	0	14-Mar-25 A	21-Mar-25 A	14-Mar-25	21-Mar-25
A1350	Prep/ Apply Tamms Coating to Dome and Walls	4	0	17-Mar-25 A	19-Mar-25 A	17-Mar-25	19-Mar-25
A1360	Install Appurtenances	3	0	18-Mar-25 A	17-Jun-25 A	18-Mar-25	17-Jun-25
A1340	Shoot Covercoat/ Nozzle Finish	4	0	21-Mar-25 A	28-Mar-25 A	21-Mar-25	28-Mar-25
A1970	Tank Crew Load Out and Demobilize	2	0	25-Mar-25 A	27-Mar-25 A	25-Mar-25	27-Mar-25
A3070	Disinfect/ Fill & Leak Test Tank	8	0	22-Aug-25 A	25-Aug-25 A	22-Aug-25	25-Aug-25
5 - Electrical		71	0	17-Apr-25 A	19-Sep-25 A	17-Apr-25	19-Sep-25
A2570	Ductbank to PLC	4	0	17-Apr-25 A	04-Jun-25 A	17-Apr-25	04-Jun-25
A2360	Ductbank to Fence & Gate Operator	6	0	06-May-25 A	22-May-25 A	06-May-25	22-May-25
A3240	Tank Level Transmitter and Sensor Install	2	0	08-May-25 A	06-Aug-25 A	08-May-25	06-Aug-25
A3250	Ductbank to Keypad 1	2	0	20-May-25 A	23-May-25 A	20-May-25	23-May-25
A3260	Ductbank to Keypad 2	2	0	20-May-25 A	23-May-25 A	20-May-25	23-May-25
A3470	Sun-Tech Remobilize after Owner Directive Shutddown	10	0	09-Jul-25 A	24-Jul-25 A	09-Jul-25	24-Jul-25
A2560	Install Grounding Ring	5	0	29-Jul-25 A	19-Sep-25 A	29-Jul-25	19-Sep-25
A2550	Electrical Control Panel at Tank	10	0	04-Aug-25 A	07-Aug-25 A	04-Aug-25	07-Aug-25
A3480	Pull wire in Duct Banks and Terminate Wires	5	0	21-Aug-25 A	05-Sep-25 A	21-Aug-25	05-Sep-25
A3270	Installation of Keypad 1 & 2	2	0	04-Sep-25 A	19-Sep-25 A	04-Sep-25	19-Sep-25
6 - Existing Tank Retrofit		5	5	17-Nov-25 A	25-Nov-25	17-Nov-25	
A2970	Install 24" Penetrations	5	5	17-Nov-25 A	25-Nov-25	17-Nov-25	
7 - Fence Installation		12	0	29-Jul-25 A	15-Aug-25 A	29-Jul-25	15-Aug-25
A2320	Fence Installation	7	0	29-Jul-25 A	08-Aug-25 A	29-Jul-25	08-Aug-25
A3090	Install Gate and Operator	5	0	11-Aug-25 A	15-Aug-25 A	11-Aug-25	15-Aug-25



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Date	Revision	Checked	Approved
17-Nov-25	Schedule Update - 11-17-2025		

Project Manager: Rey Moreno
Project Engineer: Preston Sidwell

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Jonathan Degen, Celine Nicolas at **10:00 am**
Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
1.	GST Overflow Structure: Remove/relocate rip-rap from outside of the fenceline.	31 37 00	C31	19	Photo 1



COMPLETED

2.	Existing GST Fill Line - Needs painting and identification markings	09 90 00	C24	17	Photo 2



Keeley requested that painting the pipe be completed during the construction of PHII due to the rehabilitation of the existing tank. Sandblasting the existing tank will damage the paint on the pipe.

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
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Project No.: 24-1203 Date of Inspection: 02/02/2026
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Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
3.	Existing GST Fill Line - Support brackets to be added per detail on Drawings and Submittal 43 41 63-04-A.	40 05 07	Detail 2/C24	17	Photo 3
 COMPLETED					
4.	Sample tap – spigot is missing from the tap. Based on the email from DN Tank dated 9/9/2025, it was indicated the sample tap will be SS with spigot as requested by CRWA. Move the sample tap away from the electrical raceway/equipment.	33 01 10.58	Detail 7/M22	30	Photo 4
 It will be completed next week, as DN is sending a team then.					

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
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The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
5.	Buried Gate Valves - Provide tags for all buried valves per Detail 6/C37 shown on the valve box lid.	40 05 51	C37	25	Photo 5



This valve is being removed.

6.	TW-GV-707 - Provide valve box, tag and concrete pad for buried gate valve.	40 05 51	C37	25	Photo 6



Keeley requested permission to install a metal tag anchored to the concrete slab, containing all the information specified in the drawings.

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Jonathan Degen, Celine Nicolas at **10:00 am**

Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
7.	TW-GV-702 - Provide valve tag and concrete pad for gate valve.	40 05 51	C37	25	Photo 7



Keeley requested permission to install a metal tag anchored to the concrete slab, containing all the information specified in the drawings.

8.	GST Grade - Grade surrounding GST needs to be brought up to final finished grade per plan 558.50'.	31 22 16	M20	28	Photo 8



Final Grading was removed on the deductive change order. Moved to PHII.

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Jonathan Degen, Celine Nicolas at **10:00 am**

Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
9.	GST 12" Drain Line - Needs painting (per color schedule in spec and submittal 09 90 00-01) and identification marking.	09 90 00	M21	29	Photo 9
 PENDING					
10.	GST 12" Drain Line - Disconnect temporary fittings and rotate 90-deg bend down to overflow structure.	01 50 00	M21	29	Photo 10
 COMPLETED					

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Jonathan Degen, Celine Nicolas at **10:00 am**

Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
11.	GST 12" Drain Line - Provide welded handle on blind flange per Detail 4/M21.	40 05 19	Detail 4/M21	29	Photo 11
 Need to discuss with the EOR.					
12.	GST Overflow Structure - Energy dissipator block in front of overflow is offset and not exactly at the centerline of overflow pipe per dwgs.	03 30 00	Section C/C31	19	Photo 12
 COMPLETED					

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Jonathan Degen, Celine Nicolas at **10:00 am**

Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
13.	Ladder - Provide OSHA fall protection harnesses to CRWA. Size M per submittal 43 41 63-04-A. CRWA to confirm.	05 50 00	Detail 4/M22	30	Photo 13



COMPLETED

Per the approved submittal, 1 - M & 2 - L/XL were supplied.

14.	General Site - Restore site and vegetation per specifications. Clean up/remove construction debris and trash to the extent of Phase project area.	01 35 43	-	-	Photo 14 and 15





COMPLETED

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Jonathan Degen, Celine Nicolas at **10:00 am**

Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
15.	Existing Tank 24" Equalization Line - Needs painting and identification markings.	09 90 00	M21	29	Photo 16



Keeley requested that painting the pipe be completed during the construction of PHII due to the rehabilitation of the existing tank. Sandblasting the existing tank will damage the paint on the pipe.

16.	Backfill around two (2) 24" pipes at existing GST to finish grade.	31 22 16	M20	28	Photo 17



Final Grading was removed on the deductive change order. Moved to PHII.

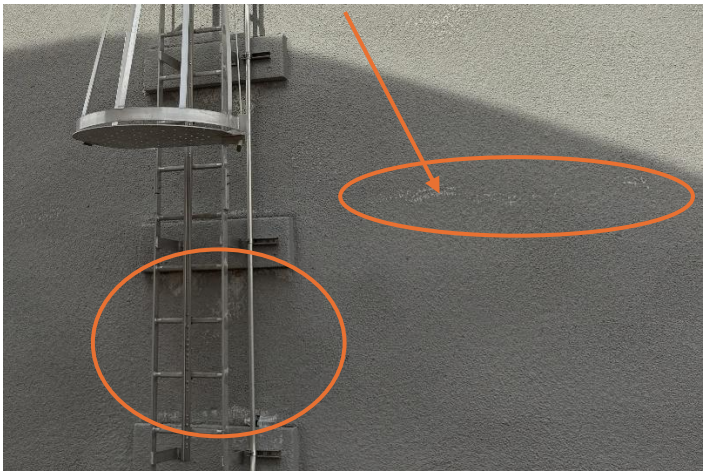
SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Jonathan Degen, Celine Nicolas at **10:00 am**

Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
17.	Touch paint tank exterior surface at various locations where scratches are shown. See red arrow.	09 90 00	-	-	Photo 18



It will be completed next week, as DN is sending a team then.

18.	Clean debris from inside all valve boxes.	01 74 23	-	-	Photo 19



Has been cleaned, but due to PHII construction, it has debris inside the valve boxes.

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Jonathan Degen, Celine Nicolas at **10:00 am**

Signature: Jonathan Degen, PE; Celine Nicolas, EIT

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
19.	GST Manway - Clean dirt and debris from manway.	43 41 63	Detail 5/M22	30	Photo 20



Has been cleaned, but due to PHII construction, it has debris inside the Manway opening .

Distribution: *File –00000 CRWA\23-0474 HC WTP\05 Construction_Ph1\16 Closeout Punch List*
David McMullen, Bobby Rodriguez – Canyon Regional Water Authority

Electrical and Instrumentation Punchlist

SUBSTANTIAL COMPLETION PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Josh Felger at **10 AM** AM
Signature: Josh Felger, PE

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
1.	Handholes shall be of concrete construction, with plastic handhole covers seen on site.	260543			Photo 1 & 2





Pending

2.	Finish grade shall be 1” below top of ground well.		Detail E18 Drawing E58		Photo 3 & 4





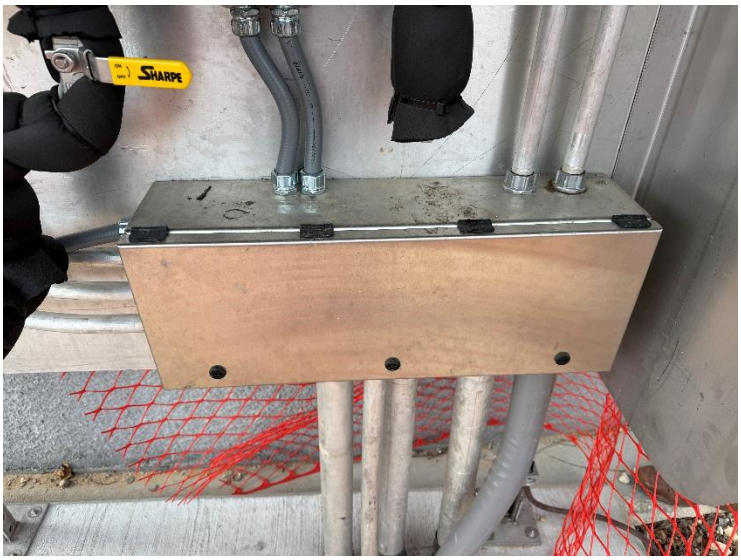
Pending

SUBSTANTIAL COMPLETION PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Josh Felger at **10 AM** AM
Signature: Josh Felger, PE

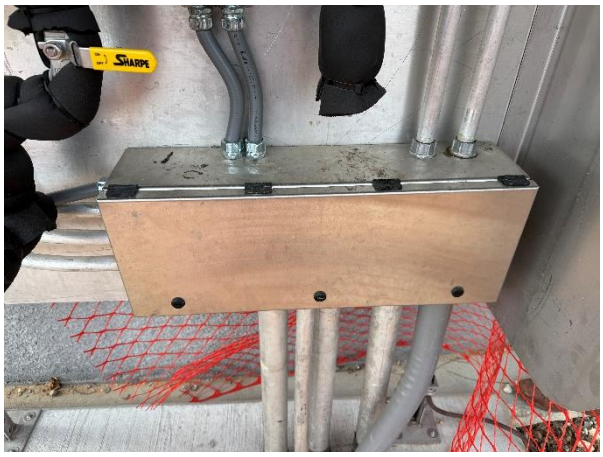
The following items are to be corrected or completed to comply with the Contract Documents:

3.	Wireways shall be NEMA 4X 316 SS with stainless steel quick-release type latches.	26 05 33			Photo 5



Pending

4.	Identify all conduits with conduit stainless steel conduit tags.	26 05 33			Photo 6 & 7





Pending

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Josh Felger at **10 AM** AM
Signature: Josh Felger, PE

The following items are to be corrected or completed to comply with the Contract Documents:

5.	Provide equipment nameplates for instruments.		E49		Photo 8



Pending

Missing the pressure gauge.

6.	Provide updated panel schedule for the miniload center. And confirm 30mAGFI breaker installed for heat trace.		E44		Photo 9



COMPLETED

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Josh Felger at **10 AM** AM
Signature: Josh Felger, PE

The following items are to be corrected or completed to comply with the Contract Documents:

7.	Fix antenna mounting.				Photo 10



COMPLETED

8.	Grout the base plate for the equipment rack.		E49		Photo 11



COMPLETED

SUBSTANTIAL COMPLETION
PUNCH LIST

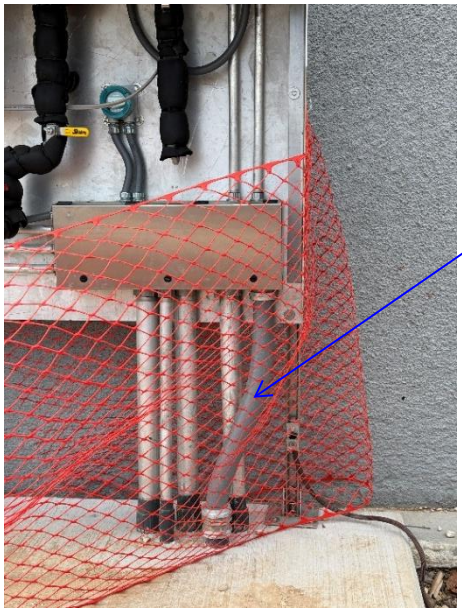
Owner Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Josh Felger at **10 AM** AM
Signature: Josh Felger, PE

The following items are to be corrected or completed to comply with the Contract Documents:

9.	Fully insulate piping between the rack and tank.				Photo 12



10.	All exposed conduit shall be rigid aluminum (RMC).	26 05 33			Photo 13



SUBSTANTIAL COMPLETION PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Josh Felger at **10 AM** AM
Signature: Josh Felger, PE

The following items are to be corrected or completed to comply with the Contract Documents:

11.	Install lightning protection for tank.	26 41 00			Photo 14



Need to discuss with the EOR.

12.	Coordinate with the owner to set up the gate codes per their requirements.				Photo 15



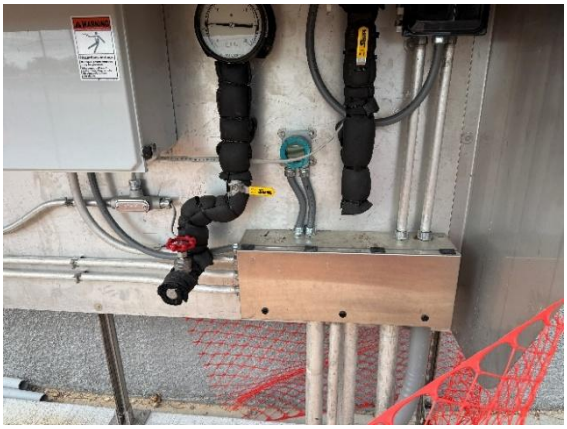
COMPLETED

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Josh Felger at **10 AM** AM
Signature: Josh Felger, PE

The following items are to be corrected or completed to comply with the Contract Documents:

13.	Get the tank ultrasonic level instrument working properly.	40 72 00	I8		Photo 16



This has been returned awaiting the new one.

14.	Confirm the bleed valve for the pressure-sensing level transmitter is installed and not discharging onto the electrical raceway/equipment.		E49		Photo 17



COMPLETED

SUBSTANTIAL COMPLETION PUNCH LIST

Owner: Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Josh Felger at **10 AM** AM
Signature: Josh Felger, PE

The following items are to be corrected or completed to comply with the Contract Documents:

15.	Confirm both level signals are properly showing on the SCADA system		I8		Photo 18



The information was checked on SCADA and compared to the pressure transmitter signal (19.5 mA ~ 24.5ft)

16.	Ground fence NEC. No grounding seen.	32 31 13			Photo 19



Need to discuss with the EOR.

SUBSTANTIAL COMPLETION
PUNCH LIST

Owner	Canyon Regional Water Authority		
Project:	Hays/Caldwell Water Treatment Plant Improvements – Phase 1		
Project No.:	24-1203	Date of Inspection:	02/02/2026
Inspection was conducted at above project by:	Josh Felger	at	**10 AM** AM
Signature:	Josh Felger, PE		

The following items are to be corrected or completed to comply with the Contract Documents:

Distribution: *File –00000 CRWA\23-0474 HC WTP\05 Construction_Ph1\16 Closeout Punch List*
David McMullen, Bobby Rodriguez – Canyon Regional Water Authority

Structural Punchlist

SUBSTANTIAL COMPLETION PUNCH LIST

Owner Canyon Regional Water Authority
Project: Hays/Caldwell Water Treatment Plant Improvements – Phase 1
Project No.: 24-1203 Date of Inspection: 02/02/2026
Inspection was conducted at above project by: Niclas Green, PE at **10:00 am**
Signature:

The following items are to be corrected or completed to comply with the Contract Documents:

Item No.	Item Description	Spec. Section	Dwg. No.	Sheet No.	Photo Ref. No.
1.					
There are no punchlist items from structural for Phase 1.					

Distribution: *File –00000 CRWA\23-0474 HC WTP\05 Construction_Ph1\16 Closeout Punch List*
David McMullen, Bobby Rodriguez – Canyon Regional Water Authority

13750 San Pedro Ave.
Suite 350
San Antonio, TX 78232

TEL 210.447.6250

www.GarverUSA.com

Canyon Regional Water Authority
Lake Dunlap WTP Improvements

To: Kerry Averyt, PE
General Manager
Canyon Regional Water Authority

From: Greg Swoboda, PE

Date: March 23, 2026

RE: Lake Dunlap WTP Imp Project
Project Status Report

Below is a status update for the Lake Dunlap WTP Improvements.

Strainer Improvements

1. Garver incorporated CRWA comments into a 100% design package.
2. Contractor outreach was conducted prior to advertising the project.
3. Garver delivered the 100% design/bid documents and uploaded to CivCast on 12/9/24.
4. A non-mandatory pre-bid meeting was held on 12/17/24.
5. Five (5) general contractors attended the pre-bid meeting.
6. Garver issued Addendum No. 1 on 12/19/24.
7. Garver issued Addendum No. 2 on 1/8/25 (to change bid date).
8. Garver issued Addendum No. 3 on 1/21/25.
9. Proposal opening (for Competitive Sealed Proposal) took place on 2/4/25.
10. Three (3) proposals were received.
11. Preliminary evaluation (ranking) of proposals was conducted.
12. Provided Draft Recommendation for best value proposer.
13. Conducted discussion with CRWA and with best value proposer.
14. Selected Keeley Construction as best value proposer.
15. Board of Trustees approved Keely Construction at meeting on 4/14/25.
16. Construction Phase.
    a. Pre-Construction Meeting held 6/24/25.
    b. Contractor NTP issued on 9/1/25.
    c. Change order added 91 days.
    d. Substantial Completion No. 1 – 271 days
    e. Substantial Completion No. 2 – 341 days
    f. Final Completion – 361 days

g. Contractor conducted initial site investigation.
h. Temporary disc filter pad placed.
i. Temporary disc filter pipe supports placed.
j. HDPE piping received.
k. Submittals – 61 received, 60 reviewed, 1 under review.
l. RFIs – 17 received, 15 reviewed, 2 under review.
m. Contractor Pay Apps – Pay App No. 5 being processed.
n. Coordination with Contractor (Keeley) and CRWA.

Membrane Improvements

1. Scope of work and fee approved.
2. Task Order signed on 8/15/25.
3. Kick-off Meeting held on 8/27/25.
4. Tank inspection conducted on 10/1/25.
5. Conducted Tank Inspection Findings Meeting with CRWA on 10/28.
    a. Meeting and inspection findings yielded decision to postpone tank rehabilitation work in favor of longer-term master planning of Clearwell storage alternates.
6. Membrane Improvements Evaluation Memo meeting held with CRWA on 11/18.
7. Membrane Improvements Evaluation TM submitted to CRWA on 12/12.
    a. CRWA comments on Evaluation TM are requested..
8. Membrane Improvements Bench Scale Testing Plan submitted to CRWA on 1/7.
    a. CRWA comments on Bench Scale Testing are requested.
9. Membrane Improvements Clarifier/Tube Settler Evaluation TM submitted to CRWA on 1/22.
    a. CRWA comments on Clarifier/Tube Settler Evaluation are requested.
10. Planned scope of work includes.

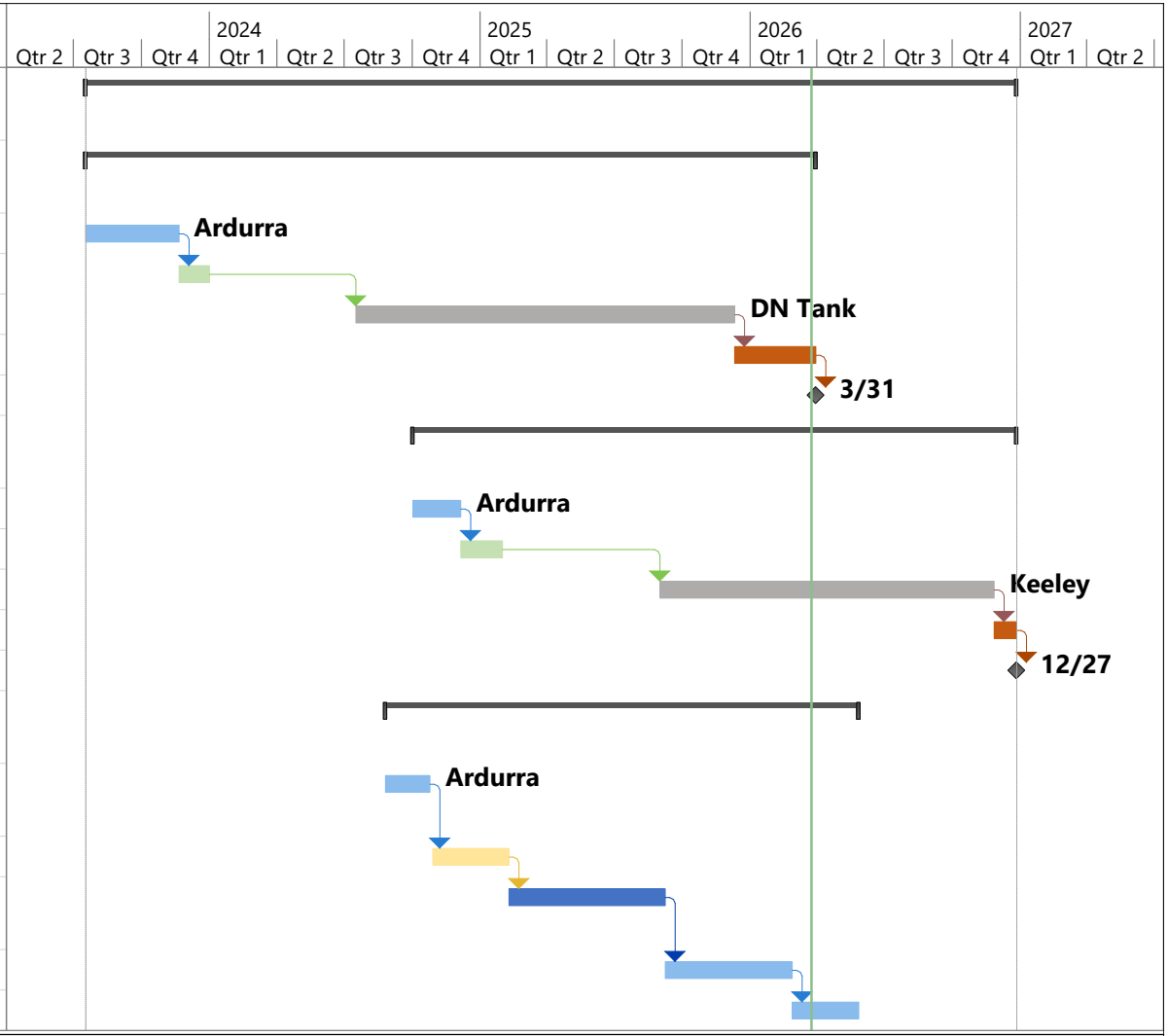
    a. Topographic survey.
    b. Geotechnical services.
    c. Membrane improvements evaluation for consideration for 14.4 to 16.0 mgd.
    d. Tank rehabilitation work package (per Item #5, intent is to modify work scope to align with master planning and/or detailed design of tank replacement).
    e. Pre-treatment evaluation.
        i. Clarifier and plate/tube settler evaluation.
        ii. Ozone relocation.
        iii. Coagulant evaluation.
        iv. TTHM Evaluation
        v. TCEQ BIN Classification Support
    f. Membrane improvements design-preliminary and final.
        i. Membrane skids.
        ii. Membrane feed pumps.
        iii. Membrane backwash pump and yard piping.
        iv. Backwash plant drain system.
        v. Electrical and I&C improvements.

vi. Correspondence with TCEQ.
vii. OPCC

g. Clarifier and plate/tube settler design.
h. Bid phase services.
i. Construction phase services.

Xc: David McMullen, CRWA
Adam Telfer, CRWA
Bobby Rodriguez, CRWA
Buddy Boysen, Garver
Tyson Hann, Garver

Task Name	Duration	Start	Finish
Hays Caldwell Projects	**1258 days**	**7/18/23**	**12/27/26**
Improvements Phase I	**987 days**	**7/18/23**	**3/31/26**
Repackage	126 days	7/18/23	11/21/23
Bid	41 days	11/21/23	1/1/24
Construction	512 days	7/17/24	12/11/25
Close out	110 days	12/11/25	3/31/26
Completion	0 days	3/31/26	3/31/26
Improvements Phase II	**816 days**	**10/2/24**	**12/27/26**
Repackage	65 days	10/2/24	12/6/24
Bid	56 days	12/6/24	1/31/25
Construction	452 days	9/1/25	11/27/26
Close out	30 days	11/27/26	12/27/26
Completion	0 days	12/27/26	12/27/26
Membrane Pilot Study	**640 days**	**8/26/24**	**5/28/26**
Pilot solicitation	60 days	8/26/24	10/25/24
Board approval	103 days	10/29/24	2/9/25
Delivery and set up	211 days	2/9/25	9/8/25
Pilot testing	172 days	9/8/25	2/27/26
TCEQ Review	90 days	2/27/26	5/28/26



Project: Hays CAldwell Timeline
Date: 3/25/26

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

GALLEGOS ENGINEERING, INC.
Firm No. F-003084

P.O. BOX 690067
SAN ANTONIO, TEXAS 78269

210-641-0812 PH

MARCH 2026 MONTHLY REPORT

DATE: March 24, 2026

TO: Kerry Averyt, General Manager
Canyon Regional Water Authority

FROM: Richard M. Gallegos, P.E.
President, Gallegos Engineering, Inc.

SUBJECT: Hays/Caldwell Reedville 12" Pipeline, PHASE 1

The pressure tests were passed on February 9, 2026 and the bacteriological samples were negative on February 12, 2026.

At the time of this memo the overall water construction project is complete, and the pipeline is in use.

To:	From:	Subject:
Canyon Regional Water Authority (CRWA)	STV, Inc. Marisa Vergara, PE	CRWA Project No. 2024-002 February Monthly Progress Report 3/25/2026

Service Order No. 2024002-01
Task Order 1 Wells Ranch Well No. Pumping Upgrades Project
Task Manager: David Stanley, PE

Scope

- Increase Well 2 and Well 14 pumping capacity up to approx. 1,000 gpm to Wells Ranch WTP. Includes new well pumps, motors, variable frequency drives, and electrical service. Also includes relocation of existing 350 kW Well 2 Generator to Well 14 and installation of two existing 150 kW generators at Wells 5 and Well 13 sites.

Scope Elements Added/Removed

- None this month

March 2026 Progress

- Monthly Construction Progress Meeting held on March 9th
- Contractor has received delivery of all electrical equipment.
- Contractor has completed installation of generators at Well 5 & 13 sites.
- Continued coordination with RW Harden (Hydrologist Consultant to CRWA) for required increased permitted pumping capacity for Well 2. Permit will likely be considered during May 2026 GCUWCD meeting.
- Scheduled GVEC service upgrades for Well 14 site. According to GVEC 6-8 weeks is anticipated for construction completion.
- All work for pumping upgrades nearing completion at Well 2 site. Testing and Startup is tentatively scheduled for March 30th.



Concrete Duct Bank at Well 14 Site

April 2026 Progress Planned

- Monthly construction progress meeting.
- Start work on Well 14 new pump installation.

Project Schedule Summary

- TCEQ Permit Anticipated Approval: May 2026
- Construction Substantial Completion: January 2026
- Status – Delayed due to increased electrical equipment lead times. Revised schedule indicates Substantial Completion for 1Q 2026. Monitoring GCUWCD permitting approval process. Zero cost Change Order was executed to extend Construction Contract substantial and final completion dates accordingly due to electrical equipment delivery delays.

STV Service Order No.: 02 and 03
Wells Ranch Phase 3 Water Supply Study
Task Manager – David Stanley, PE

WO 02 Scope

- Water supply study of the Wells Ranch Phase 3 project for additional groundwater supplies and associated evaluations. Includes a new wellfield located in Gonzales County in the Brown Tract. Study evaluated overall infrastructure requirements including transmission and treatment for a complete water supply.

WO 03 Scope

- Water supply study for Wells Ranch Expansion including Wells 2, 14, 10 and Phase 3 expansion. Preliminary engineering report to for the addition of Well No. 10. Developed conceptual process mechanical and hydraulic modeling to evaluate the existing capacity of the Wells Ranch well collection lines, water treatment plant (WTP), high service pump station (HSPS), and transmission pipeline and the development of conceptual recommendations for improvements.

March 2026 Progress

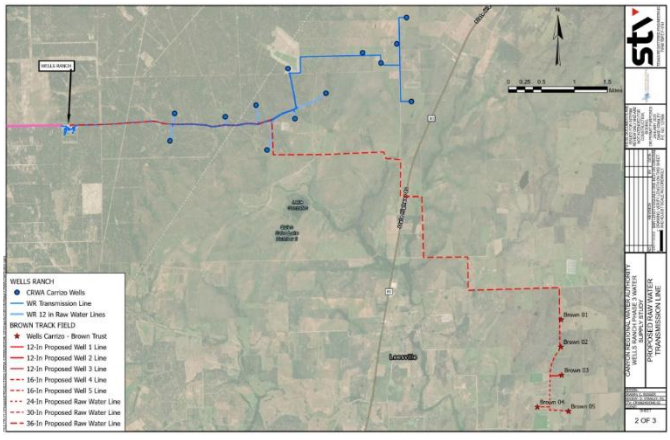
- Continued coordination meetings with CRWA staff related to permitting allocations and water supply planning.
- Scope and schedule development for near term design improvements and water supply program and funding planning.
- Discussions and considerations of Wilcox formation supply.

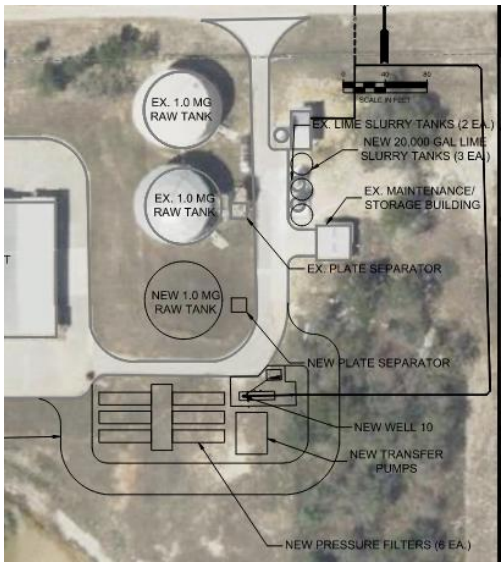
April 2026 Progress Planned

- Assist CRWA as needed for expansion considerations.

Project Schedule Summary

- Study completed. Assist with planning as needed.





STV Service Order No.: 05
Update of EPA Risk & Resilience Assessment and Emergency Response Plan
Task Manager – Gil Barnett, PE

Scope

- This work includes updating CRWA's Water System Risk and Resilience Assessment and the Emergency Response Plans to ensure continued compliance with Sec. 2013 of AWIA 2018. The certification due dates are March 31, 2025, for the updated RRA, and September 30, 2025, for the updated ERP.

Projected Progress Planned

- Discussion with CRWA Staff and Board to inquire if a Board update/presentation on the completion of the project would be welcomed.

Project Schedule Summary

- Final Updated Risk and Resilience Assessment – Submitted March 31, 2025
- Final Emergency Response Plan – Submitted September 24, 2025
- Certifications to EPA completed.
- Status: Complete.

STV Service Order No.: 06
Wells Ranch Wells Ranch Well 10 & HSPS Expansion
Task Manager – David Stanley, PE

Scope

- This work includes topographic survey, geotechnical engineering, design and construction engineering services of Well No. 10 and an additional two (2) high service pumps (HSPs) at the Wells Ranch Water Treatment Plant (WTP).
- Well No. 10 will be located onsite of the WTP and is anticipated to be approximately 420 feet below ground surface, completed in the Carrizo formation. Design will include the drilling of Well 10, well pump, discharge piping, and connection to the existing raw water line at the WTP. R.W. Harden and Associates, Inc (RWH&A), as a subconsultant to STV, will perform the design and construction engineering services associated with Well 10.
- The additional 2 HSPs will be located on the existing Clearwell #1 at the WTP. Design will include the pumps, associated electrical, and approximate 1,000 linear foot water line connection to the existing 12" water line at the WTP that connects to the Springs Hill SUD system.

March 2026 Progress

- 90% Plan review meeting held with CRWA staff.
- Revisions being made based on CRWA comments.
- Continued work on TCEQ submittals for the Interconnect Between Two Public Water Systems.

April 2026 Projected Progress Planned

- Plan and Specifications submittal to TCEQ for review.
- Meeting with Springs Hill to review plans and progress.

Project Schedule Summary

- Groundwater Modeling Completed with Recommendations for design: December 2025
- Well 10 TCEQ Submittal: January 2026
- Interconnection Between Two Public Water Systems TCEQ Submittal: March 2026
- Completed Plans and Specifications: March 2026
- Bidding – Recommend Award: June 2026
- Construction Completed (9 months duration): June 2027
- Status: On schedule.

Utility Engineering Group, PLLC
191 N. Union Ave., New Braunfels, Texas 78130
Tel 830.214.0521

PROJECT STATUS REPORTS

PROJECT STATUS REPORT SUMMARY

REPORT DATE	PREPARED BY
March 23, 2026	David Kneuper, P.E. – Utility Engineering Group

TXDOT/CRWA IH-10 (SANTA CLARA & ZUEHL) TRANSMISSION LINE ENCASEMENT STATUS SUMMARY

The project includes the addition of approximately 190 LF of steel split casing on the existing CRWA transmission main at Santa Clara Road and the relocation and encasement of approximately 200 LF of the transmission main at Zuehl Road. The project is required due to the reconstruction of the two intersections by the Texas Department of Transportation (TxDOT) with their IH-10 expansion project.

The project pre-construction meeting was held on 2/27/24. The project Notice-to-Proceed has been issued for 2/29/24, giving the Contractor 120 calendar days to reach Substantial Completion and 150 calendar days (total) to reach Final Project Completion. The Contractor mobilized to the site and started work on 4/23/24. As of 5/23/24, the Contractor has completed the split casing and pavement restoration work at the Santa Clara intersection.

The project bore and casing pipe installation was completed on 12/10/24. UEG provided a notice to the Contractor on 7/16/24, on 8/29/24, 10/16/24, 1/5/25, 2/25/25, 3/25/25, 5/8/25, and most recently on 6/17/25, of the final completion date and outlined the requirements for delays in the Contractor's progress as provided in the contract documents.

A site meeting was held on 3/23/26 to discuss the proposed tie-ins and completion of the project. The proposed tie-in work is currently scheduled for April 7th. A pre-tie-in meeting will be held on April 6th to go over any coordination items. Once the tie-ins are complete, the remaining abandonment and site restoration work will be completed.

The contract amount is currently $541,424.21, which includes the original bid and approved Change Order's No. 1 and No. 2, all of which are fully reimbursable. A request for reimbursement was submitted to TxDOT on 12/18/24 for a partial project payment in the amount of $213,969.43. Updated reimbursement request information was submitted to TxDOT on 11/11/2025. TxDOT provided reimbursement request comments on 3/16/2026. UEG is currently working on the updates and plans on providing the updated documentation by the end of this week.

TXDOT IH-10 CRWA CONFLICT AT CHANNEL D RELOCATION STATUS SUMMARY

The project includes the relocation design of CRWA's existing 30" water transmission main that crosses IH-10, just west of the intersection of Santa Clara Road and IH-35. The existing 30" transmission main was originally constructed with CRWA's IH-10 Bore Crossing Project in 2014. The relocation will include approximately 500 linear feet of 30" transmission main, associated casing pipe, and connections to the existing CRWA 24" concrete pressure pipe (C303) along IH-10 as well as the existing 30" ductile iron main

running perpendicular to the highway. This proposed relocation is required due to a conflict with TxDOT's proposed Channel D, along the east bound frontage road at TxDOT centerline STA 15102+70. The proposed drainage improvements are associated with TxDOT's IH-10 expansion project between the Cibolo Creek and Linne Road (TxDOT Project No. CSJ 0025-03-097).

Utility Engineering Group was authorized by CRWA on 10/8/24 to begin work on the project. UEG's survey sub-consultant provided the existing project conditions survey file to UEG on 1/2/25. UEG finalized and submitted the preliminary relocation plan set and project cost estimate to CRWA for review on 2/28/25. On 4/11/25, UEG provided the draft plans and reimbursement cost estimate to TxDOT for review.

On 5/20/25, a site visit was held with TxDOT, UEG, and CRWA staff to discuss the possibility of a modification to TxDOT's plans to allow the contractor to continue working, avoid TxDOT contractor delays, and provide CRWA additional time to relocate the main. Based on the site meeting, a solution was developed and agreed to by all parties. UEG provided an updated set of plans to CRWA for review on 8/13. On 9/17/25, CRWA approved the draft plans. Based on the CRWA plan approved, UEG prepared the draft supplemental standard utility agreement with submittal to TxDOT for review on 9/26/2025. A meeting was held on 12/9/2025 between UEG and TxDOT to discuss TxDOT comments on the draft supplemental standard utility agreement. TxDOT sent the updated final draft supplemental utility agreement for CRWA final review and approval on 2/20/2026. The estimated cost, including construction, design, and easement acquisition is $1,443,766.00, which is 100% reimbursable to CRWA.

NOTICE OF MEETING
CONSTRUCTION COMMITTEE
CANYON REGIONAL WATER AUTHORITY
850 Lakeside Pass, New Braunfels, TX 78130

1:00 P.M. Tuesday, March 31, 2026

Pursuant to the Texas Open Meeting Act (Chapter 551, Texas Government Code) notice is hereby provided that a meeting of the Construction Committee of the Board of Trustees of the Canyon Regional Water Authority will be held in the Board Room at 850 Lakeside Pass New Braunfels, Texas at **1:00 P.M., on Tuesday, March 31, 2026**. The Construction Committee will discuss and may make recommendations to the Board of Trustees on any of the items below.

Item

1 **Open Meeting** ~ *Mr. Sherman 100 pm*

a. Review of Spreadsheet for Project Timeline
Staff in attendance: Regia F, Bobby G, Fran, Kerry A, David, M Michalea, Hanah, Chealsea, Joan

2 **Transmission Line Projects**

a. TxDOT/CRWA IH-10 Santa Clara/Zuehl Rd Crossing Pipeline Relocation Project Update ~ *Mr. Kneuper (UEG) David K met with the contractor, EZ Bell purchased RAM 2. Discussed remaining work on the project, EZ Bell to have a sub make the final connections. Partial payment request into txdot additional information requested by txdot. David M asked if spacers were being installed, David M noted one area the carrier pipe and steel casing were touching. Discussed specifics of additional fittings to be installed.*

b. TxDOT/CRWA IH-10 Conflict at Channel D ~ *Mr. Kneuper (UEG) Txdot supplemental utility agreement. Will be on the agenda for board approval. One easement on the north side needed, city of Cibolo owned, after board approval easement can be acquired and then project bid. Construction committee has been tracking this for quite a while and is 100% reimbursable from TxDOT cost was $1.443 million. Full document will be included in the trustee packet.*

3 **Water Treatment Plant Improvements**

a. Lake Dunlap WTP ~ *Mr. Averyt*
- Lake Dunlap Interconnect (ARWA) no report
- Facility Upgrades temp hdpe piping has been installed, filter modules are on schedule to deliver in May. No recent delays, should be able to close out onsite. Working weekends to get caught up on pipe work.

b. Wells Ranch WTP ~ *Mr. Averyt*
- Emergency Generator Project working on pulling electrical conductor. Generators are in place, generators are too close together and the access doors touch the next unit. NS asked again about the required code clearance. CRWA still didn't have an answer to the clearance questions. Fuel tank storage question. Aurdura was going to look into the clearance issues with the access doorways. David M stated fuel storage was 2 hour not 48 hour.

c. Hays Caldwell WTP: ~ *Mr. Averyt*
- Phase 1 Improvements (Tank, Electrical and Piping) NS noted no work was happening during the site visit. 247 days past completion date. Kerry A states the tank is in service and they are pushing the GC to close out.
- Phase 2 Improvements finishing up grading around tank and the building. Electrical duct bank work moving forward. We are looking ok on meeting contractual completion date.

- Pall Mobile Membrane Unit need to schedule a meeting with the hays Caldwell group. Kerry A noted that a third unit would necessitate a design consultant. Tracy Scheel noted we have been talking about this meeting for quite some time, Michalea stated a poll will be sent out today to set the meeting.
- Membrane Pilot Study update the schedule for next month Aurdura will have an update on tceq submittal . NS noted the chlorine sock was incorrectly installed and a safety issue.

4 **Wells Ranch**

a. Well No. 1 Replacement Project ~ *Mr. McMullen* *TCEQ approval to drill, we will be second in line to drill. Three week timeline. TCEQ approval after drilling is then required. Maybe 8-12 week to get it back and running.*
b. Well No. 3 Repair Project ~ *Mr. McMullen* *back running. Bearings needed replacing, pump was fine.*
c. Well No. 13 Repair Project ~ *Mr. McMullen* *back running. Oil tube was broken off of pump, shaft to the pump was broken and bearings were damaged.*
d. Raw Water Tank Foundation ~ *Mr. McMullen* *operations Is adding the valves that are needed to be replaced. Inspection and a staff can provide a report to the trustees for decision. Kerry A stated we will need to engage an engineer and do a full assessment. Will get a preliminary desing and construction cost for the finace committee to add to next FY budget.*
e. Well Nos. 2 & 14 Upgrades Project ~ *Mr. Rodriguez* *waiting on GVEC to run heavier service. Bobby to provide an update from GVEC and a duration for a shut down.*

5 **General Topic / Meetings** B Rohan and NS discussed dropping off some of the operational updates specifically the well maintenance and move those to the board of managers meeting.

6 **Next Meeting Date/Time Discussion**

a. The next meeting will be on April 28, 2026, at 1:00 PM.

7 **Adjourn 157**

Construction Committee
Chairman ~ Nicholas Sherman
Members ~ Brandon Rohan, Michael Saldana, Tracy Scheel

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	AGENDA NUMBER
04/20/2026	AMENDMENT TO THE CANYON REGIONAL WATER AUTHORITY ("CRWA") EMPLOYEE HANDBOOK TO INCLUDE CREDIT USE POLICY AND AGREEMENT FOR WAGE DEDUCTIONS ASSOCIATED WITH IMPROPER USE OF CRWA CREDIT, AS APPLICABLE	CRWA 26-04-005

INITIATED BY KERRY AVERYT/ REGINA FRANKE

BACKGROUND INFORMATION

Treasurer McDaniel, CRWA Budget Committee Chairperson, and the CRWA Budget Committee requested that CRWA Staff provide a Draft Credit Use Policy for consideration by the CRWA Board of Trustees. Staff presented the document to the CRWA Budget Committee for their review. Treasurer McDaniel asked that this item be placed on the agenda for CRWA Board of Trustee consideration.

STAFF RECOMMENDATION

Approve Resolution 26-04-005 Approving and Amending the CRWA Employee Handbook Revised May 13, 2024, to include a Credit Use Policy and the Agreement for Wage Deductions Associated with Improper Use of CRWA Credit as applicable.

FINANCIAL IMPACT

There is no financial impact resulting from this resolution.

MOTION

Motion to approve the Resolution 26-04-005 as presented or amended.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-005

BE IT **RESOLVED** that the Canyon Regional Water Authority Board ("CRWA") of Trustees Approves and Amends the CRWA Employee Handbook Revised May 13, 2024, to include a Credit Use Policy and the Agreement for Wage Deductions Associated with Improper Use of CRWA Credit as applicable.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

13.4 Credit Use Policy

CRWA utilizes credit when necessary. Use of credit includes, but is not limited to, CRWA issued credit cards, procurement cards, fuel cards, and store credit accounts (collectively "CRWA Credit"). CRWA employees must adhere to the guidelines of responsibility set forth in this Policy for the protection and proper use of all CRWA Credit. CRWA employees utilizing CRWA Credit are responsible for ensuring all charges are authorized under this Policy and properly documented.

1. Credit/Procurement/Fuel Cards.

Credit/Procurement/Fuel Card(s) may be issued to a CRWA employee at the discretion of the CRWA General Manager **for use related to CRWA business purposes only** and in conjunction with the CRWA employee's job duties. CRWA employees are the only authorized users of the CRWA issued credit/procurement/fuel card(s). CRWA employees are required to submit to the CRWA Finance Department all receipts associated with any purchases where a CRWA issued credit/procurement/fuel card(s) is utilized. Such receipts must be submitted no later than three (3) days from the conclusion of travel and/or purchase date.

2. Store Credit Accounts.

CRWA has store credit accounts **for CRWA business purposes only** and may be utilized solely in conjunction with the CRWA employee's job duties. CRWA employees are the only authorized users of the CRWA store credit accounts. CRWA employees are required to submit to the CRWA Finance Department all receipts associated with each purchase utilizing store credit accounts. Such receipts must be submitted no later than three (3) days from the purchase date.

3. Unauthorized / Improper Use of CRWA Credit.

Any unauthorized use or non-CRWA business use of CRWA Credit, including but not limited to, personal purchase(s) or any other transaction(s) not authorized under this Policy may result in disciplinary action up to and including repayment of the unauthorized amounts and termination of employment.

Repayment of unauthorized or improper charges to any CRWA store credit account and/or CRWA issued credit/procurement/fuel card are the sole financial responsibility of the individual employee to whom CRWA Credit was entrusted or who otherwise improperly utilized CRWA Credit.

A. Use of CRWA Credit for Personal/Non-CRWA Purposes.

If a CRWA employee uses CRWA Credit for any **personal or non-CRWA related** purchase(s) in violation of this policy, the cost of said purchase(s) will be considered **an advance of future wages** otherwise payable to the employee and will be recovered in full from the employee's next paycheck; with any balance remaining to be deducted in full from subsequent paychecks until the wage advance is fully repaid. **Such deductions may take**

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the employee's pay below minimum wage for the period(s) in question.

B. Use of CRWA Credit for Improper or Unauthorized CRWA Business Purposes.

If a CRWA employee uses CRWA Credit for **non-personal, CRWA-related purposes that are not authorized under or which otherwise violate this Policy**, the cost of such purchases will be the **financial responsibility of that CRWA employee**, and the employee will reimburse CRWA through deduction(s) from the employee's pay until the unauthorized amount is fully repaid. Deduction(s) from employee pay will be in the total amount of the unauthorized purchase(s); provided, however, that if the deduction(s) for such amount(s) would take the CRWA employee below minimum wage for the pay period in question, the deduction(s) will occur in increments from each successive pay period so as to avoid causing the CRWA employee's pay to fall below minimum wage for any pay period.

4. Lost/Stolen CRWA Credit cards.

If a CRWA-issued credit/procurement/fuel card(s) is lost or stolen, the CRWA employee to whom the card issued, is solely responsible for reporting the card(s) as lost or stolen to the CRWA Finance Department **immediately**. Failure to promptly report loss or theft of a card may result in disciplinary action up to and including repayment of the unauthorized amount(s) and termination of employment.

NOTICE: The use of CRWA issued credit/procurement/fuel card(s) and CRWA store credit account(s) is a privilege, not a right, and may be revoked or withdrawn at any time and without prior notice for any reason at the discretion of the CRWA General Manager.

Agreement for Wage Deductions Associated with Improper Use of CRWA Credit

I, _____, hereby certify that I understand and agree to abide by the CRWA Credit Use Policy regarding use of CRWA-issued credit/procurement/fuel card(s) and/or CRWA store credit account(s), a copy of which I have received, and which has been explained to me.

I agree that if I make any personal purchases (i.e., transactions or purchases for the benefit of anyone or anything other than CRWA) in violation of the CRWA Credit Use Policy, then, notwithstanding any other disciplinary action by CRWA including termination of employment: (a) the amount of such purchases is to be irrefutably characterized as an advance of future wages payable to me; (b) CRWA may and is hereby directed to deduct that amount from my next paycheck; and (c) any balance remaining after such deduction, shall be deducted from my future paychecks (if any) until the amount is repaid in full. I further acknowledge and agree that I shall remain liable to CRWA for any remaining balance following my last paycheck, and that the agreements contained herein shall survive my separation of employment with CRWA.

I further agree that if I make any non-personal transactions in violation of the CRWA Credit Use Policy (i.e., I incur financial liability on CRWA's part that is not within the scope of my duties or authorization to make business-related purchases) , then, notwithstanding any other disciplinary action by CRWA including termination of employment: (a) the amount of such purchases is to be irrefutably characterized as an advance of future wages payable to me; (b) CRWA may and is hereby directed to

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deduct that amount from my next paycheck; and (c) any balance remaining after such deduction, shall be deducted from my future paychecks (if any) until the amount is repaid in full; provided, however that in the event that via wage deductions for such amounts would take my pay below minimum wage for any workweek, the deductions will be in two (2) or more equal increments that will not result in taking my pay below minimum wage for any workweek. I further acknowledge that I shall remain liable to CRWA for any remaining balance following my last paycheck, and that the agreements contained herein shall survive my separation of employment with CRWA.

_____ _____

Signature of Employee Date

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CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	RESOLUTION NUMBER
04/20/2026	HARD CLOSE DATE FOR THE MONTH-END FINANCIALS	CRWA 26-04-006

INITIATED BY TREASURER McDANIEL

STAFF RECOMMENDATION

Discuss and consider establishing a hard closing date for the month-end financials of the twenty-fifth (25th) of the following month for each individual month or the first business day following the twenty-fifth (25th), in the event that date occurs on a holiday/weekend.

BACKGROUND INFORMATION

In an effort to capture the most accurate financial transactions for CRWA Financial Reports, it was recommended by the CRWA Budget Committee for CRWA Staff to use a hard-close date each month.

FINANCIAL IMPACT

There is no financial impact associated with this resolution.

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-006

BE IT RESOLVED that the CRWA Board of Trustees Approves and Adopts a hard closing date for the month-end financials of the twenty-fifth (25th) of the following month for each individual month or the first business day following the twenty-fifth (25th), in the event that date occurs on a holiday/weekend.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	RESOLUTION NUMBER
04/20/2026	MONTHLY STATEMENTS: APPROVE ADJUSTMENT OF THE TIMELINE FOR APPROVAL OF CRWA FINANCIAL REPORTS.	CRWA 26-04-007

INITIATED BY TREASURER MCDANIEL

STAFF RECOMMENDATION

Adopt and Approve the presentation of the CRWA Financial Reports to the CRWA Board of Trustees in the second (2nd) month following the end of the month being reported.

BACKGROUND INFORMATION

On August 11, 2025, the Board of Trustees approved adjusting the timeline for the consideration of the CRWA Financial Reports to occur immediately after the end of the previous month. It is recommended that the Board of Trustees delay the review and consideration of the CRWA Financial Reports to the second (2nd) month following the end of the month being reported to provide more accurate information.

FINANCIAL IMPACT

There is no financial impact associated with this resolution.

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-007

BE IT RESOLVED that the CRWA Board of Trustees Adopts and Approves the presentation of the CRWA Financial Reports to the CRWA Board of Trustees in the second (2nd) month following the end of the month being reported.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	AGENDA NUMBER
04/20/2026	USE OF FY 2025 REMAINING FUNDS FOR NECESSARY REPAIRS AND REPLACEMENTS AT CRWA FACILITIES	CRWA 26-04-008

INITIATED BY KERRY AVERYT

STAFF RECOMMENDATION

Approve the use of Fiscal Year 2025 remaining funds for needed repairs and replacements at CRWA facilities.

BACKGROUND INFORMATION

In an effort to determine the most fiscally responsible way to address the FY2025 remaining funds, CRWA Staff was tasked with providing a list of items per plant/facility that needed attention for repairs and/or replacement in the more immediate time and were not originally included in the FY2025 and/or FY2026 budgets. CRWA Staff compiled a list of those items, estimated costs, and the total funds remaining and presented that information to both the Budget Committee and the Board of Managers for review and feedback.

FINANCIAL IMPACT

There is no financial impact to the current budget associated with this resolution.

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-008

BE IT RESOLVED that the Board of Trustees has approved the use of remaining Fiscal Year 2025 funds for needed repairs and replacements at CRWA facilities

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

CRWA FACILITY NEEDS			
FACILITY ITEMS	**PROJECTED COST**		**DESCRIPTION**
Lake Dunlap WTP			
Clarifier Motors	$	50,000.00	Replacement motors for the existing drives.
Reuse Water Sump Pump	$	20,000.00	Replacement sump pump for the reuse water vault.
Pond Repairs (Gates)	$	10,000.00	Repairs needed for sluice gates at the reuse water ponds.
Waste Water Sprinklers	$	50,000.00	Irrigation infrastructure for dispersal of wastewater.
Chemical Room Rehabilitation	$	10,000.00	New coatings needed to prevent corrosion.
Chlorine Dioxide Tank Replacement (Engineering)	$	25,000.00	ClO2 tank replacement needed. Design required for containment system to meet new requirements.
SCADA Programming	$	20,000.00	SCADA system upgrades.
Waterline Replacement	$	20,000.00	Replacement of old galvanized water lines with new.
TOTAL	**$**	**205,000.00**	
AVAILABLE FUNDS	**$**	**853,857.36**	
REMAINING FUNDS	**$**	**648,857.36**	
Hays Caldwell WTP			
Intake (Engineering for immediate fix)	$	150,000.00	Engineering to design replacement of existing intake to allow time for design and construction of a side-channel intake system.
Mobile Membrane Unit Site Prep.	$	75,000.00	Site work for mobile membrane filtration units.
Waterline Replacement	$	15,000.00	Replacement of old galvanized water lines with new.
TOTAL	**$**	**240,000.00**	
AVAILABLE FUNDS	**$**	**623,977.61**	
REMAINING FUNDS	**$**	**383,977.61**	
Wells Ranch WTP			
Valves for raw water tank	$	75,000.00	Installation of valves to isolate raw water tanks to allow repair of leaks in tank foundation.
Dryer	$	20,000.00	Addition of a second air dryer for the control valves.
Lime Tank Mixer Pump	$	75,000.00	Addition of a mixer pump to improve circulation and mixing in the tank.
Electrical Upgrades	$	25,000.00	Installation of additional electrical infrastructure to support multiple air compressor operation. Upgrades to lights and ventilation fans in building.
TOTAL	**$**	**195,000.00**	
AVAILABLE FUNDS	**$**	**823,443.62**	
REMAINING FUNDS	**$**	**628,443.62**	

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	RESOLUTION NUMBER
04/20/2026	FOURTH AMENDMENT TO THE WATER SUPPLY AGREEMENT BETWEEN CANYON REGIONAL WATER AUTHORITY ("CRWA") AND GUADALUPE-BLANCO RIVER AUTHORITY ("GBRA")	CRWA 26-04-009

INITIATED BY KERRY AVERYT

STAFF RECOMMENDATION

Approve the Fourth Amendment to the Water Supply Agreement between CRWA and GBRA and authorize the CRWA General Manager to execute the Fourth Amendment to the Water Supply Agreement between CRWA and GBRA.

BACKGROUND INFORMATION

June 16, 1999, CRWA and GBRA entered into a Water Supply Agreement for the Hays Caldwell Water Treatment Plant location. There have been three (3) subsequent amendments to this contract; First Amendment dated January 24, 2001, Second Amendment dated February 1, 2002, and Third Amendment dated June 4, 2003.

During the VFD (Variable Frequency Drives) project, it was determined that the contract needed to be updated to clarify the terms between GBRA and CRWA. This Fourth Amendment is to clarify those financing mechanisms for any future contractual project obligations.

FINANCIAL IMPACT

There is no financial impact associated with this resolution.

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-009

BE IT RESOLVED that the CRWA Board of Trustees approves the Fourth Amendment to the Water Supply Agreement between CRWA and GBRA and authorizes the CRWA General Manager to execute the Fourth Amendment to the Water Supply Agreement between CRWA and GBRA.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

FOURTH AMENDMENT TO WATER SUPPLY AGREEMENT
BETWEEN
CANYON REGIONAL WATER AUHORITY AND
GUADALUPE-BLANCO RIVER AUTHORITY

This Fourth Amendment to Water Supply Agreement (the "Fourth Amendment") is made and entered into between Canyon Regional Water Authority ("CRWA") and the Guadalupe-Blanco River Authority ("GBRA") , amending a Water Supply Agreement (the "Original Agreement"), entered into as of June 16, 1999, as amended by a First Amendment to Water Supply Agreement (the "First Amendment"), entered into as of January 24, 2001, a Second Amendment to Water Supply Agreement (the "Second Amendment"), entered into as of February 1, 2002, and a Third Amendment to Water Supply Agreement (the "Third Amendment"), entered into as of June 4, 2003. The Original Agreement, the First Amendment, the Second Amendment and the Third Amendment are collectively referred to herein as the "Prior Agreement" and, with this Fourth Agreement, the "Agreement"). The Effective Date of this Agreement is February 1, 2026.

RECITALS

Capitalized terms as used in this Fourth Amendment not otherwise defined shall have the meanings set forth in the Prior Agreement.

GBRA and CRWA desire to amend the Prior Agreement (i) to provide the various GBRA Customers of the Raw Water Delivery System, that are not San Marcos, the opportunity to pay cash to GBRA for any such customer's share of the cost of any particular Raw Water Delivery System Improvement, rather than participate in the Project Debt Instruments related to costs allocated to those GBRA Customers of the Raw Water Delivery System not electing to pay cash, (ii) to provide CRWA's obligation to pay a share of debt service and debt coverage of not more than 10% to be dependent on whether CRWA elected to pay cash for its share of costs of any Raw Water Delivery System Improvement, (iii) to provide that the calculation of pro-rata share of debt service and debt coverage of not more than 10% must be calculated on a series or issue by series or issue basis and (iv) to provide any Project Debt Instruments related to certain Raw Water Delivery System Improvement costs issued or delivered on a tax-exempt basis shall be combined with any Project Debt Instruments related to such costs issued on a taxable basis on or about the same time shall be treated as the same issue for determining the pro-rata share but the pro-rata share applicable to each such Project Debt Instrument shall reflect the particular GBRA Customer obligated for each respective Project Debt Instrument.

GBRA and CRWA desire to acknowledge and consent to certain cash prepayments made by various GBRA Customers of the Raw Water Delivery System relating to Raw Water Delivery System Improvements related to GBRA's proposed Project Debt Instrument financing in 2026 prior to the effectiveness of this Fourth Amendment.

NOW THEREFORE, in consideration of the mutual promises, covenants, obligations, and benefits described in the Prior Agreement, GBRA and CRWA agree as follows:

Section 1. The following defined terms are hereby added to the Prior Agreement:

"Participating GBRA Customers" means the GBRA Customers of the Raw Water Delivery System, excluding San Marcos, that have elected not to pay cash for their respective pro-rata share of any Raw Water Delivery System Improvement for which GBRA issues or delivers related Project Debt Instruments."

"Raw Water Delivery System Improvement" means any particular construction, completion, improvement, expansion or repair to the Raw Water Delivery System."

Section 2. Section 18 of the Original Agreement is hereby amended to read in its entirety as follows:

"**Section 18. Payments for Raw Water Delivery.**

(a) Rates charged to CRWA to recover GBRA's cost of design, construction, maintenance and operation of the Raw Water Delivery System shall be set by GBRA in accordance with the Regional Agreement and billed on a monthly basis. The rates charged to CRWA and all other GBRA Customers, if any, shall be sufficient for GBRA to recover the entire Raw Water Delivery System Annual Requirement in accordance with Section 22 of the Regional Agreement. CRWA shall pay, solely from funds it receives from CRWA's San Marcos System, on a take-or-pay basis for its appropriate share of the Raw Water Delivery System Annual Requirement.

(b) CRWA shall receive written notice regarding the GBRA Board of Directors' consideration of (i) the issuance or delivery of any Project Debt Instrument, to finance or refinance a Raw Water Delivery System Improvement, (ii) the anticipated portion of such Project Debt Instruments that are anticipated to be issued as tax-exempt obligations or as taxable obligations, if any, and (iii) the allocation and estimation of the aggregate annual debt service requirements, among the GBRA Customers of the Raw Water Delivery System, excluding San Marcos and including CRWA. GBRA shall provide to CRWA such information regarding the proposed actions listed above as CRWA reasonably requests, specifically including but not limited to the effect such actions are anticipated to have on the charges paid by CRWA pursuant to this Agreement.

(c) CRWA shall be entitled in all circumstances to receive a notice described in paragraph (b) above with such notice to be received no later than 90 days prior to the issuance or delivery of any Project Debt Instruments to finance or refinance any Raw Water Delivery System Improvement.

(d) CRWA understands and acknowledges that GBRA, in its sole discretion, shall determine the nature, structure, security, timing, taxability, amount, customer obligor, number of issues or series, and similar parameters of all Project Debt Instruments to finance or refinance any Raw Water Delivery System Improvement. Project Debt Instruments may be issued by GBRA as tax-exempt obligations and taxable obligations pursuant to the provisions of this Agreement, including Section 22(b), and the federal Internal Revenue Code of 1986, as amended.

(e) Provided CRWA is a Participating GBRA Customer of a particular Raw Water Delivery System Improvement, CRWA shall pay on a take-or-pay basis for its appropriate share of debt service and debt service coverage of not more than 10% of the related Project Debt Instrument issued or delivered as a component of the Raw Water Delivery System Annual Requirement.

In calculating CRWA's appropriate share pursuant to this subsection (e), (i) CRWA's appropriate share shall be determined on a per series or issue basis for Project Debt Instruments and (ii) any Project Debt Instruments related to certain Raw Water Delivery System Improvement costs issued or delivered on a tax-exempt basis shall be combined with any Project Debt Instruments related to such costs issued on a taxable basis on or about the same time shall be treated as the same issue for determining CRWA's share, but the share applicable to each Participating GBRA Customer for each such Project Debt Instrument shall reflect the particular GBRA Customers obligated for each respective Project Debt Instrument (for the avoidance of doubt, the appropriate or pro-rata share of a particular Participating Customer will change when it becomes obligated for a particular Project Debt Instrument and the other Participating GBRA Customers are not all similarly obligated for the same Project Debt Instrument).

(f) Notwithstanding anything contrary in this Section, GBRA and CRWA agree that CRWA may, pursuant to subsection (g) of this Section below, cash fund its pro-rata share of a proposed Raw Water Delivery System Improvement (and not become a Participating GBRA Customer of the related Project Debt Instruments).

(g) With the notice provided pursuant to subsection (b) regarding the consideration of the issuance or delivery of any Project Debt Instrument to finance or refinance a Raw Water Delivery System Improvement, GBRA shall include CRWA's share of the costs to be financed or refinanced with the proposed Project Debt Instrument, and provide CRWA with the opportunity to pay cash to GBRA for CRWA's share, as described in the notice. Said notice shall include two time periods: (i) the first of which shall be not less than thirty (30) days from the date of the notice, during which CRWA shall confirm in writing to GBRA that it will or will not pay cash for its share of costs to be financed or refinanced, and (ii) second of which, if CRWA has so elected to pay cash, shall be not less than ninety (90) days from the date of the notice, during which CRWA shall pay GBRA cash for its share of the Raw Water Delivery System Improvement costs to be financed or refinanced. If CRWA elects to pay and actually does pay cash to GBRA, within the established time period, its pro-rata share of costs to be financed or refinanced with the proposed Project Debt Instruments prior to their issuance or delivery, GBRA shall utilize the cash amount paid by CRWA for the same purpose for which such Project Debt Instruments are to be issued (recognizing that any such debt issuance or delivery has been reduced as a result of such cash payment by CRWA). For purposes of clarity, this subsection's references to "refinancing" costs specifically excludes the refinancing of any Project Debt Instruments previously issued.

Further, if CRWA has paid cash for its share of costs of a particular Raw Water Delivery System Improvement to be financed or refinanced with the proposed Project Debt Instruments prior to their issuance or delivery, CRWA will not participate in any share of debt service and debt service coverage of not more than 10% associated with any refinancing or refunding of such Project Debt Instrument it elected not to participate in by virtue of its cash payment.

Any proposed Project Debt Instruments, including any refinancing or refunding of such instruments, notified to CRWA pursuant to subsection (b) above, which CRWA elects to pay, and actually pays in cash, for its share of costs to be financed or refinanced prior to the issuance of such Project Debt Instruments pursuant to this subsection (g), shall be outside the scope of the calculation of the charges payable by CRWA under subsection (e).

(h) Notwithstanding subsection (g) above, GBRA and CRWA acknowledge that GBRA's determination of CRWA's share of any Raw Water Delivery System Improvement to be financed or refinanced shall initially be based upon estimated project costs. As such, the parties further acknowledge that upon completion of any Raw Water Delivery System Improvement that CRWA elected to pay cash for its share of the estimated project costs: (i) if the actual project costs are less than the estimated project costs, GBRA shall reimburse CRWA for its share, as determined by GBRA, of the difference between the estimated project costs and the actual project costs, and (ii) if the actual project costs are more than the estimated project costs, GBRA shall bill CRWA and CRWA shall pay GBRA in cash, within 90 days from GBRA's billing, its share, as determined by GBRA, of the difference between the estimated project costs and the actual project costs.

(i) CRWA shall not be entitled to any equity interest in the Raw Water Delivery System for any reason including, without limitation, the payments made to GBRA under this Agreement.

(j) In addition, CRWA shall pay GBRA a monthly charge for raw water delivery, if any, established by GBRA for the design, construction, operation and maintenance of any facilities utilized by GBRA pursuant to Section 8(a) to furnish and deliver raw water from a point on the Raw Water Delivery System to an Alternate Raw Water Delivery Point at the water treatment plant constructed for or by CRWA."

Section 3. GBRA and CRWA (i) acknowledge certain cash prepayments made by the following GBRA Customers of the Raw Water Delivery System, in addition to CRWA, relating to certain Raw Water Delivery System Improvements related to GBRA's proposed Project Debt Instrument financing in 2026: Goforth Special Utility District and Hays Energy, (ii) hereby agree that the security, terms and other financial provisions of one Project Debt Instrument may vary from other Project Debt Instruments, in part, due to which GBRA Customers are Participating GBRA Customers in a particular Project Debt Instrument and (iii) hereby consent to such prepayments as if such prepayments were made after the effectiveness of, and pursuant to, this Fourth Amendment.

Section 4. This Fourth Amendment has been duly authorized, executed and delivered by all necessary action of GBRA and CRWA, respectively. This Fourth Amendment, and the terms, covenants, and conditions herein contained, shall inure to the benefit of and be binding upon the successors and assigns of each of the parties hereto.

Section 5. GBRA and CRWA agree that all other terms and provisions of the Prior Agreement, not expressly amended by this Fourth Amendment, shall remain in full force and

effect. If there is a conflict between the terms and provisions of this Fourth Amendment and the Prior Agreement, the terms and provisions of this Fourth Amendment shall control.

Section 6. This Fourth Amendment may be executed in one or more counterparts, each of which shall for all purposes be deemed to be an original and all of which shall constitute the same instrument. In making proof of this Fourth Amendment, it shall not be necessary to produce or account for more than one such counterpart. An electronically transmitted facsimile of an executed counterpart of this Fourth Amendment shall be sufficient to evidence the binding agreement of each party to the terms hereof.

GUADALUPE-BLANCO RIVER AUTHORITY

By: _____
Darrell Nichols, General Manager/CEO

Date: _____

STATE OF TEXAS §
§
COUNTY OF COMAL §

BEFORE ME, the undersigned, a Notary Public in and for said State, on this day personally appeared Darrell Nichols, General Manager/CEO of the GUADALUPE-BLANCO RIVER AUTHORITY, known to me to be the persons whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the GUADALUPE-BLANCO RIVER AUTHORITY and that he executed the same as the act of such entity for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, 2026.

_____
Notary Public
The State of Texas

Notary Seal
&
I.D. No. _____

CANYON REGIONAL WATER AUTHORITY

By: _____
NAME / TITLE

Date: _____

STATE OF TEXAS §
§
COUNTY OF _____ §

BEFORE ME, the undersigned, a Notary Public in and for said State, on this day personally appeared _____, _____ of the CANYON REGIONAL WATER AUTHORITY, known to me to be the persons whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the CANYON REGIONAL WATER AUTHORITY, and that he/she executed the same as the act of such entity for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, 2026.

_____
Notary Public
The State of Texas

Notary Seal
&
I.D. No. _____

WATER SUPPLY AGREEMENT
BETWEEN
CANYON REGIONAL WATER AUTHORITY
AND
GUADALUPE-BLANCO RIVER AUTHORITY

This Water Supply Agreement (this "Agreement") between Canyon Regional Water Authority ("CRWA") and Guadalupe-Blanco River Authority ("GBRA") is made and entered into as of the 16th day of June, 1999.

RECITALS

Pursuant to that certain Agreement made and entered into as of July 1, 1997 between GBRA and the City of San Marcos, Texas ("San Marcos"), GBRA and San Marcos are pursuing development of a regional water supply project (the "San Marcos Regional Water Supply Project" or the "Project"), to meet future water needs and reduce dependence on the Edwards Aquifer by providing an alternative source of water to San Marcos and surrounding areas in Hays, Caldwell, Guadalupe and Travis Counties, Texas. A copy of such Agreement (the "Regional Agreement") is attached hereto as Exhibit 1.

The Regional Agreement provides that the Project will consist of a raw water delivery system (the "Raw Water Delivery System") to be constructed and operated by GBRA, and a water treatment plant (the "Plant") to be constructed by San Marcos and operated by an operator selected by San Marcos. The Regional Agreement provides for eventual joint ownership by GBRA and San Marcos of both the Raw Water Delivery System and the Plant.

The Regional Agreement provides that the source of raw water for the Project will be stored water from Canyon Reservoir supplied by GBRA under Certificate of Adjudication No. 18-2074C held by GBRA. The stored water will be released from Canyon Reservoir and diverted from the Guadalupe River at a point of diversion (the "Point of Diversion") downstream of the Reservoir. The Regional Agreement further provides that GBRA and San Marcos agree to work together in an effort to evaluate the joint development and utilization of other sources of supply of raw water for the Plant for the mutual benefit of GBRA and San Marcos and in the best interests of the region.

The Regional Agreement anticipates that GBRA will contract with other entities to supply treated water from the Project to those entities. The Regional Agreement further anticipates that GBRA will contract with other entities to supply raw water from the Raw Water Delivery System to those entities.

GBRA and CRWA have entered into a raw water supply contract (the "Raw Water Contract"), dated as of June 16, 1999, pursuant to which GBRA agrees to supply to CRWA up to 430 acre-feet per year of stored water from Canyon Reservoir (the "Raw Water Commitment"), for use by CRWA Customers. A copy of the Raw Water Contract is attached hereto as Exhibit 2.

CRWA now desires to contract with GBRA for the conveyance of raw water supplied under the Raw Water Contract via the Raw Water Delivery System, the delivery of such water to the Plant or at another point of delivery agreed upon by GBRA and CRWA, the treatment of that water at the Plant and/or at CRWA's San Marcos System, and the supply of such treated water for use by CRWA Customers. CRWA further desires to secure a commitment from GBRA to convey and deliver such raw water to CRWA via the Raw Water Delivery System if and to the extent that CRWA makes satisfactory arrangements for treatment of the raw water.

This Agreement sets forth terms and conditions agreed upon by GBRA and CRWA relating to the supply of treated water from the Plant to CRWA for use by CRWA Customers and, in addition, the delivery to CRWA of raw water from the Raw Water Delivery System for treatment at other treatment facilities and use by CRWA Customers.

AGREEMENT

For and in consideration of the mutual promises, covenants, obligations, and benefits described in this Agreement, and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, GBRA and CRWA agree as follows.

Section 1. Definitions.

The following terms and expressions as used in this Agreement, unless the context clearly shows otherwise, shall have the following meanings:

"Alternate Raw Water Delivery Point" has the meaning set forth in Section 8(a) hereof.

"Annual Payment Period" means the period beginning on October 1 of each calendar year and ending on the last day of September of the next calendar year.

"Cessation Date" has the meaning set forth in Section 6(b) hereof.

"CRWA's Raw Water Contract" means that certain contract dated June 16, 1999 by and between GBRA and CRWA, providing CRWA with a commitment of stored water from Canyon Reservoir of up to 430 acre-feet per year. A copy of such contract is attached hereto as Exhibit 2.

"CRWA Customer" means any individual or entity that receives water from CRWA's San Marcos System, including specifically, but not limited to, County Line Water Supply Corporation, Crystal Clear Water Supply Corporation, Martindale Water Supply Corporation and Maxwell Water Supply Corporation - each of which is a nonprofit water supply corporation organized and governed by the provisions of Chapter 67, Texas Water Code, as amended.

"CRWA's San Marcos System" means any and all facilities, and any and all lands or interests in land on which such facilities are located, which are owned by CRWA and used or intended to be used at any time or in any way by CRWA in connection with the treatment, storage, distribution or supply of any raw or treated water delivered by GBRA to CRWA under this Agreement, either separate from or commingled with any other water.

"GBRA Customer" means any individual or entity that contracts with GBRA for treated water service or raw water service from the Project whether on a wholesale or retail basis.

"GBRA Reservation" has the meaning defined in Section 7 of the Regional Agreement.

"Management Committee" means the committee established pursuant to Section 14 of the Regional Agreement.

"MGD" means million gallons per day.

"Minimum Plant Expansion" means a 3 MGD increment of Plant treatment capacity.

"Notice Deadline" means July 1, 2002, unless GBRA in its absolute discretion extends such date by giving CRWA written notice of such extension.

"Operation and Maintenance Expenses" means all costs and expenses of operation and maintenance of the Raw Water Delivery System or the Plant, as the case may be, including (for greater certainty but without limiting the generality of the foregoing) repairs and replacements which are not paid from a special fund created in the Bond Resolutions or other Project Debt Instruments, non-debt financed capital expenditures, operating personnel, the cost of utilities, the costs of supervision, engineering, accounting, auditing, legal services, supplies, services, governmental fees and assessments, administrative and general expenses of the Raw Water Delivery System or the Plant, and equipment necessary for proper operation and maintenance of the Raw Water Delivery System or the Plant. The term also includes the charges of the bank or banks where the Bonds are payable. The term does not include depreciation.

"Plant" means all facilities for treating water designed and constructed by San Marcos pursuant to the terms of the Regional Agreement, all facilities for pumping and transporting treated water to the Point of Delivery, and the Plant Site.

"Plant Annual Requirement" means, for the respective Annual Payment Period, the total amount of money required for San Marcos to pay all Operation and Maintenance Expenses of the Plant, to pay the debt service on any Plant Project Debt Instruments, and to maintain balances in any special or reserve funds required by the provisions of any Plant Project Debt Instruments.

"Plant Expansion Date" means the date that the expansion of the initial phase capacity of the Plant described in Section 6 hereof, if any, becomes operational.

"Plant Operator" means the individual or entity hired by San Marcos as provided in the Regional Agreement to operate and maintain the Plant.

"Plant Site" means that tract of land described on Exhibit 2 to the Regional Agreement on which all facilities comprising the Plant will be located.

"Point of Delivery" means the point or points on or near the Plant Site at which GBRA will deliver to CRWA treated water supplied under this Agreement, as generally described on Exhibit 3 attached hereto, or at such location as agreed to by GBRA and CRWA.

"Point of Diversion" means the point on the Guadalupe River at which GBRA will divert raw water to be supplied hereunder, as such point is described on Exhibit 3 to the Regional Agreement, or at such location as agreed to by GBRA and CRWA.

"Project Debt Instruments" means all notes, bonds, or other financial obligations made to construct, complete, improve, or repair the Raw Water Delivery System or the Plant. San Marcos or GBRA may be the obligor on these instruments.

"Project" or the **"San Marcos Regional Water Supply Project"** means the regional surface water supply project contemplated by the Regional Agreement, which consists of the Raw Water Delivery System and the Plant.

"Raw Water Commitment" has the meaning set forth in the fifth recital of this Agreement.

"Raw Water Contract" has the meaning set forth in the fifth recital of this Agreement.

"Raw Water Delivery System" means all facilities designed and constructed by GBRA for diverting water from Guadalupe River at the Point of Diversion to the Plant pursuant to the Regional Agreement, all other facilities that may be agreed upon by GBRA and San Marcos designed and constructed by GBRA for diverting water from other sources to the Plant or for storage of raw water prior to treatment, together with all lands and interests in land on which such facilities are located. The Raw Water Delivery System shall include any interconnection facilities allowing the delivery of raw water to CRWA at the Alternate Raw Water Delivery Point.

"Raw Water Delivery System Annual Requirement" means, for the respective Annual Payment Period, the total amount of money required for GBRA to pay all Operation and Maintenance Expenses of the Raw Water Delivery System, to pay the debt service on any Raw Water Delivery System Project Debt Instruments, to pay debt service coverage of not more than 10%, and to maintain balances in any special or reserve funds required by the provisions of any Raw Water Delivery System Project Debt Instruments.

"Raw Water Facilities Expansion Date" means the Cessation Date or 180 days after the date that CRWA gives GBRA timely written notice pursuant to Section 6(b) of this Agreement, whichever occurs later.

"Regional Agreement" means the *"Agreement Between City of San Marcos and Guadalupe-Blanco River Authority,"* dated July 1, 1997, between GBRA and San Marcos which is further described in the first recital hereof and is attached hereto as Exhibit 1.

"Termination Date" means the latter of (i) December 31, 2039, or (ii) the date on which all Project Debt Instruments related to the Raw Water Delivery System and all Project Debt Instruments, if any, related to the expansion of the initial phase capacity of the Plant in accordance with Section 6 hereof are no longer outstanding.

"TNRCC" means the Texas Natural Resource Conservation Commission or any successor agency.

Section 2. Term.

This Agreement shall be effective as of the date first written above, and shall terminate without notice at midnight on the Termination Date unless it is terminated earlier pursuant to the terms hereof.

Section 3. Rights after Termination.

Except as specifically provided otherwise in this Agreement, all of the rights and obligations of the parties under this Agreement shall terminate upon termination of this Agreement; provided, however, that termination shall not affect the rights or liabilities accrued prior to termination.

Section 4. Delivery of Raw Water to the Plant.

(a) GBRA agrees to convey via the Raw Water Delivery System, and deliver to the Plant or at a point of delivery agreed to by GBRA and CRWA pursuant to the terms of the Regional Agreement, raw water supplied under the Raw Water Contract in such amounts and at such rates requested by CRWA for use by CRWA Customers, subject to the terms, conditions and limitations set forth in this Agreement, the Regional Agreement, and the Raw Water Contract.

(b) Prior to the Plant Expansion Date, the maximum rate of delivery of raw water for CRWA to the Plant, or to another point of delivery agreed to pursuant to subsection (a) of this Section, shall not exceed 350 gpm.

(c) From and after the Plant Expansion Date, the maximum rate of delivery of raw water for CRWA to the Plant shall not exceed 350 gpm.

Section 5. Treatment at the Plant and Delivery of Treated Water.

(a) GBRA agrees to cause, pursuant to the terms of the Regional Agreement, raw water delivered to the Plant under this Agreement to be treated at the Plant and delivered to CRWA, subject to the terms, conditions and limitations set forth in this Agreement, the Regional Agreement, and the Raw Water Contract.

(b) All treated water from the Plant delivered to CRWA pursuant to this Agreement shall be delivered at the Point of Delivery. By separate written agreement by and among CRWA, GBRA and San Marcos, treated water delivered to CRWA pursuant to this Agreement may also be delivered at one or more additional points of delivery on San Marcos' treated water distribution system.

(c) Prior to the Plant Expansion Date, the maximum rate of delivery to CRWA of treated water from the Plant shall not exceed 350 gpm or 0.5 MGD. The treatment capacity utilized to treat such water prior to the Plant Expansion Date shall be the GBRA Reservation.

(d) From and after the Plant Expansion Date, the maximum rate of delivery to CRWA of treated water from the Plant shall not exceed 350 gpm or 0.5 MGD.

Section 6. Expansion of Plant.

(a) Unless CRWA gives GBRA timely notice, pursuant to subsection (b) of this Section, to cease delivering to CRWA treated water from the Plant, GBRA shall cause to be constructed pursuant to the terms of the Regional Agreement an expansion of the initial phase capacity of the Plant for GBRA of not less than 3 MGD.

(b) If CRWA desires that GBRA cease delivering to CRWA treated water from the Plant, it must give GBRA, before the Notice Deadline, written notice to cease delivering such water. In any such notice, CRWA shall specify the date on which delivery of treated water from the Plant shall cease (the "Cessation Date"), which date may not, under any circumstances, extend beyond the expiration of the GBRA Reservation. If CRWA fails to specify a Cessation Date in the notice, or if it specifies a date which extends beyond the expiration of the GBRA Reservation, then the Cessation Date shall be the date of expiration of the GBRA Reservation. If CRWA fails to give GBRA, before the Notice Deadline, written notice to cease delivering to CRWA treated water from the Plant, then GBRA shall proceed with the expansion of the initial phase capacity of the Plant pursuant to subsection (a), above, and CRWA and all other GBRA Customers, if any, that commit to receive treated water from the Plant beyond the expiration of the GBRA Reservation, shall be fully responsible for all reasonable costs associated with such expansion.

Section 7. Cessation of Deliveries of Treated Water from the Plant.

If CRWA gives GBRA timely written notice pursuant to Section 6(b), above, to cease delivering to CRWA treated water from the Plant, then, on the Cessation Date, GBRA shall cease delivering to the Plant any raw water under the Raw Water Contract and GBRA shall cause, pursuant to the terms of the Regional Agreement, cessation of delivery to CRWA of any treated water from the Plant. CRWA understands and agrees that delivery of treated water from the Plant will cease absolutely, permanently, and without qualification on the Cessation Date, regardless of whether CRWA by that date has constructed or caused to be constructed other treatment facilities to treat raw water available for delivery under this Agreement at the Alternate Raw Water Delivery Point, whether such facilities if completed and operational by that date meet the other requirements of Section 8(b), below, or whether CRWA by that date has available any other alternative supply of treated water.

Section 8. Delivery of Raw Water to Alternate Raw Water Delivery Point.

(a) If CRWA gives GBRA timely written notice that CRWA has constructed or caused to be constructed other facilities to treat raw water available for delivery under this Agreement, then GBRA shall deliver to CRWA raw water delivered at the Alternate Raw Water Delivery Point; provided, however, GBRA's obligation to deliver to CRWA any raw water shall be subject to the further provisions of this Section 8. The "Alternate Raw Water Delivery Point" is a point on the Raw Water Delivery System generally described on Exhibit 4 attached hereto; provided, however, if CRWA gives GBRA timely written notice, GBRA will design, construct, own and operate facilities to deliver raw water from a point on the Raw Water Delivery System from the Alternate Raw Water Delivery Point to any treatment facilities identified by CRWA which meet the requirements of Section 8(b), in which case the "Alternate Raw Water Delivery Point" shall be the point at such treatment facilities at which the raw water is delivered.

(b) GBRA shall not be required to deliver to CRWA any raw water at the Alternate Raw Water Delivery Point or at any other point of delivery unless and until: (1) all of the water is intended to be treated, and is capable of being treated, at treatment facilities with a capacity of not less than 1.0 MGD; (2) the facilities are capable of consistently and reliably producing treated water of a quality that meets or exceeds all State and Federal drinking water standards; (3) the design of such facilities has been approved by the TNRCC; and (4) such facilities are completed and operational.

(c) The interconnection facilities allowing the delivery of raw water at the Alternate Raw Water Delivery Point shall be constructed, owned, operated and maintained by GBRA. The interconnection facilities shall be constructed in accordance with the requirements of the Regional Agreement.

(d) Prior to the Raw Water Facilities Expansion Date, the maximum rate of delivery of raw water at the Alternate Raw Water Delivery Point shall not exceed 350 gpm; and the combined maximum amount of raw water delivered for CRWA to the Plant and to the Alternate Raw Water Delivery Point shall not exceed the Raw Water Commitment in any calendar year.

(e) From and after the Raw Water Facilities Expansion Date, the maximum rate of delivery of raw water to the Alternate Raw Water Delivery Point shall not exceed 350 gpm, and the combined maximum amount of raw water delivered to the Plant and to the Alternate Raw Water Delivery Point shall not exceed the Raw Water Commitment in any calendar year.

Section 9. Alternative Sources of Treated Water and Other Treatment Facilities.

Unless GBRA and CRWA agree in writing otherwise, GBRA shall have no obligation whatsoever with respect to the acquisition or supply of any alternative sources of treated water that may be desired or needed by CRWA, or the design, acquisition, construction, financing, operation or maintenance of any water treatment facilities (other than an expansion of the Plant pursuant to this Agreement) that may be desired or needed by CRWA including, without limitation, facilities that meet the requirements of Section 8(b), above, to treat raw water delivered to CRWA at the Alternate Raw Water Delivery Point.

Section 10. Purpose of Use.

No water delivered to CRWA under this Agreement for use by CRWA Customers may be used for any purpose of use other than municipal use.

Section 11. Place of Use.

No water delivered to CRWA under this Agreement may be used in any area prohibited by the Regional Agreement, or in any area outside the Guadalupe River Basin, or in any area outside the certificated service areas of CRWA Customers.

Section 12. Conservation and Drought Management Plans.

In accordance with the Regional Agreement, CRWA shall develop and implement a water conservation and drought management plan, applicable to the use of all treated water supplied to CRWA from the Plant, that is at least as effective as the plan adopted by and in effect for San Marcos at the time this Agreement is entered into. CRWA further agrees to develop and implement a water conservation and drought management plan, applicable to the use of all water supplied to CRWA under this Agreement, if required at any time by applicable law or regulation or by GBRA. Any such plan shall at all times meet all requirements of all applicable laws and regulations, and all requirements of GBRA, as such requirements may be established or modified from time to time.

Section 13. GBRA Customers Committee.

GBRA will form and maintain a customers committee made up of representatives of GBRA and those customers receiving treated water from the Plant. The committee will serve an advisory role, with GBRA providing information on the operation of the Plant and representing the customers' interests through the Management Committee established pursuant to the Regional Agreement. The customers committee shall have the opportunity to review and provide comments on plans and specifications for any expansions of the Plant requested by GBRA and for any proposed amendments to the Regional Agreement.

Section 14. Cooperation.

CRWA and GBRA agree to cooperate with each other in pursuing all necessary permits and approvals needed for the Project and to complete and file all required reports.

Section 15. Agreement Subject to Regional Agreement and Raw Water Contract.

This Agreement shall be subject to the terms and conditions of the Regional Agreement and the Raw Water Contract.

Section 16. Regulatory Requirements.

This Agreement is subject to all applicable federal, state, and local laws and any applicable ordinances, rules, orders, and regulations of any local, state, or federal governmental authority having jurisdiction. This Agreement is specifically subject to all applicable sections of the Texas Water Code and the rules of the TNRCC.

Section 17. Payments for Raw Water.

CRWA shall pay GBRA for raw water pursuant to the terms of CRWA's Raw Water Contract, as such Contract may be amended from time to time.

Section 18. Payments for Raw Water Delivery.

Rates charged to CRWA to recover GBRA's cost of design, construction, maintenance and operation of the Raw Water Delivery System shall be set by GBRA in accordance with the Regional Agreement and billed on a monthly basis. The rates charged to CRWA and all other GBRA Customers, if any, shall be sufficient for GBRA to recover the entire Raw Water Delivery System Annual Requirement in accordance with Section 22 of the Regional Agreement. CRWA shall pay, solely from funds that it receives from CRWA's San Marcos System, on a take-or-pay basis for its appropriate share of the Raw Water Delivery System Annual Requirement. CRWA shall not be entitled to any equity interest in the Raw Water Delivery System for any reason including, without limitation, the payments made to GBRA under this Agreement.

In addition, CRWA shall pay GBRA a monthly charge for raw water delivery, if any, established by GBRA for the design, construction, operation and maintenance of any facilities utilized by GBRA pursuant to Section 8(a) to furnish and deliver raw water from a point on the Raw Water Delivery System to an Alternate Raw Water Delivery Point at the water treatment plant constructed for or by CRWA.

Section 19. Payments for Water Treatment and Delivery.

(a) Rates charged to CRWA for treatment and delivery of treated water at the Point of Delivery shall be the rates established by San Marcos pursuant to the terms of the Regional Agreement, plus GBRA's costs associated with any facilities required to convey the treated water to the Point of Delivery from the point on the Plant Site at which the water is delivered to GBRA, and plus all metering and administrative and general expenses in connection with this Agreement. In addition, the rates charged to CRWA and all other GBRA Customers receiving treated water from the Plant, if any, shall be sufficient for GBRA to recover all additional costs associated with the Plant for which GBRA is responsible under the Regional Agreement. Payment of such charges shall be made by CRWA solely from funds that it receives from CRWA's San Marcos System.

(b) In addition, CRWA shall pay, solely from funds that it receives from CRWA's San Marcos System, on a take-or-pay basis for debt service, debt service coverage of not more than 10%, and other fixed costs relating to any expansion of the initial phase capacity of the Plant constructed pursuant to Section 6 of this Agreement and any facilities needed to convey treated water to the Point of Delivery from the point on the Plant Site at which the water is delivered to GBRA.

(c) CRWA shall not be entitled to any equity interest in the Plant for any reason including, without limitation, the payments made to GBRA under this Agreement.

Section 20. Certain Payments by CRWA Unconditional.

CRWA recognizes that Project Debt Instruments relating solely to the Raw Water Delivery System will be payable from and secured by pledges of the sums of money to be received by GBRA from CRWA under this Agreement (but solely from money CRWA receives from CRWA Customers) and from other customers under similar agreements. In order to make such Project Debt Instruments relating to the Raw Water Delivery System marketable at the lowest available interest rate, it is to the mutual advantage of GBRA and CRWA that CRWA's obligation to make the payments required hereunder be, and the same is hereby, made unconditional, but solely from funds that it receives from CRWA's San Marcos System. CRWA represents, and GBRA recognizes, that as of the date hereof, CRWA's San Marcos System initially will be financed solely from funds annually appropriated by certain CRWA Customers (specifically, County Line Water Supply Corporation, Crystal Clear Water Supply Corporation, Martindale Water Supply Corporation and Maxwell Water Supply Corporation) pursuant to separate take-or-pay contracts, dated August 1, 1998, between CRWA and such CRWA Customers, but additional CRWA Customers may be added by CRWA in the future to receive water from CRWA's San Marcos System. All sums payable hereunder to GBRA shall, so long as any part of such Project Debt Instruments relating to the Raw Water Delivery System are outstanding and unpaid, be paid by CRWA without set-off, counterclaim, abatement, suspension or diminution except as otherwise expressly provided herein; and so long as any part of such Project Debt Instruments relating to the Raw Water Delivery System are outstanding and unpaid, this Agreement shall not terminate, nor shall CRWA have any right to terminate this Agreement nor be entitled to the abatement of any payment or any reduction thereof nor shall the obligations hereunder of CRWA be otherwise affected for any reason, it being the intention of the parties that so long as any portion of

such Project Debt Instruments relating to the Raw Water Delivery System are outstanding and unpaid, all sums required to be paid by CRWA to GBRA shall continue to be payable in all events and the obligations of CRWA hereunder shall continue unaffected, unless the requirement to pay the same shall be reduced or terminated pursuant to an express provision of this Agreement.

Section 21. Operating Expense of CRWA; Source of Payments from CRWA.

(a) The parties agree and CRWA represents and covenants that all money required to be paid by CRWA under this Agreement shall constitute reasonable and necessary operating expenses of CRWA's San Marcos System as authorized by the Constitution and laws of the State of Texas.

(b) All payments required to be made by CRWA to GBRA under this Agreement shall be payable from the revenues of CRWA's San Marcos System. GBRA shall never have the right to demand payment by CRWA of any obligations assumed by or imposed upon it under or by virtue of this Agreement from any funds raised or to be raised by taxation and CRWA's obligation under this Agreement shall never be construed to be a debt of CRWA of such kind as to require it under the Constitution and laws of the State of Texas to levy and collect a tax to discharge such obligation.

(c) CRWA represents and covenants that water provided to CRWA through the Raw Water Delivery System will only be made available by CRWA, and sold by CRWA, to CRWA Customers who are obligated pursuant to binding "take-or-pay" contracts with CRWA to pay for such water.

Section 22. CRWA's Covenant to Maintain Sufficient Income; Rates Charged.

(a) CRWA agrees to fix and maintain rates and collect charges for the facilities and services provided by CRWA's San Marcos System as will be adequate to permit CRWA to make prompt payment of all expenses of operating and maintaining CRWA's San Marcos System, including payments under this Agreement, and to make prompt payment of the interest on and principal of any bonds or other obligations of CRWA payable, in whole or in part, from the revenues of CRWA's San Marcos System. CRWA further agrees to comply with all of the provisions of the ordinances, resolutions, orders or indentures authorizing its bonds or other obligations which are payable, in whole or in part, from the revenues of CRWA's San Marcos System.

(b) CRWA and GBRA recognize that the interest on all Project Debt Instruments heretofore issued by San Marcos to finance the Plant is intended to be excludable from federal income taxation, and that the interest on some Project Debt Instruments heretofore and hereafter issued by GBRA or San Marcos is intended to be excludable from federal income taxation. GBRA hereby covenants and gives CRWA notice, and CRWA hereby acknowledges and agrees, that GBRA will not provide any water to CRWA made available through an expansion of the Plant which, in the opinion of nationally-recognized bond counsel acceptable to GBRA and the City, could cause the interest on such Project Debt Instruments to no longer be excludable from federal income taxation.

Section 23. Measurement.

(a) GBRA shall provide, operate, maintain, and read meters which shall record treated water taken by CRWA at the Point of Delivery or, alternatively, raw water taken by CRWA at the Alternate Raw Water Delivery Point. For billing and reporting purposes under this Agreement, all raw water diverted from the Guadalupe River under the Raw Water Contract will be metered at either the Point of Delivery or the Alternate Raw Water Delivery Point, subject to adjustment by GBRA based on other relevant information available to it at the time.

(b) Water shall be measured through conventional types of approved meter(s). GBRA shall keep accurate records of all measurements of water required under this Agreement, and the measuring device(s) and such records shall be open for inspection at all reasonable times. Measuring devices and recording equipment shall be accessible for adjusting and testing and the installation of check meter(s). If requested in writing and not less than once in each calendar year, GBRA shall calibrate its water meter(s) in the presence of CRWA, and the parties shall jointly observe any adjustments that shall be necessary. GBRA shall give CRWA notice of the date and time when any such calibration is to be made and, if a representative of CRWA is not present at the time set, calibration and adjustment may proceed in the absence of any representative of CRWA.

(c) If upon any test of the water meter(s), the percentage of inaccuracy of such metering equipment is found to be in excess of five percent (5%), registration thereof shall be corrected for a period extending back to the time when such inaccuracy began, if such time is ascertainable. If such time is not ascertainable, then registration thereof shall be corrected for a period extending back one-half (½) of the time elapsed since the last date of calibration, but in no event further back than period of six (6) months. If any meter(s) are out of service or out of repair so that the amount of water delivered cannot be ascertained or computed from the reading thereof, the water delivered through the period such meters(s) are out of service or out of repair shall be estimated and agreed upon by CRWA and GBRA upon the basis of the best data available, and, upon written request, GBRA shall install new meters or repair existing meters at the cost of GBRA. If CRWA and GBRA fail to agree on the amount of water delivered during such period, the amount of water delivered may be estimated by:

(1) correcting the error if the percentage of the error is ascertainable by calibration tests or mathematical calculation; or

(2) estimating the quantity of delivery by deliveries during the preceding periods under similar conditions when the meter or meters were registering accurately.

Section 24. Quality.

The water to be delivered by GBRA to the Plant or to the Alternate Raw Water Delivery Point under this Agreement is untreated water as it is found in the Guadalupe River at the Point of Diversion. The water to be delivered by the City and received by GBRA, and in turn delivered by GBRA to CRWA at the Point of Delivery, shall be potable water from the Plant meeting applicable state and federal purity standards for potable water.

Section 25. Title to and Responsibility for Water.

Title to and responsibility for all water supplied under this Agreement shall be in GBRA from the Point of Diversion to the Plant, at which point title shall pass to San Marcos. Title to and responsibility for water delivered under this Agreement to San Marcos at the Plant for treatment and, following such treatment, delivery back to GBRA, shall be in the City up to the point at which the water is delivered to GBRA, at which point title to and responsibility for the water shall pass to GBRA, and then from GBRA to CRWA upon delivery by GBRA to CRWA at the Point of Delivery. Title to and responsibility for water supplied under this Agreement shall also be in GBRA from the Point of Diversion to the Alternate Raw Water Delivery Point. CRWA and GBRA hereby agree to save and hold each other harmless from all claims, demands, and causes of action which may be asserted by anyone on account of the transportation, delivery, processing and handling of said water while title to and responsibility for the water remains in the other party.

Section 26. Other Charges.

In the event any sales or use taxes, or other taxes, assessments, or charges of any similar nature are imposed on diverting, storing, delivering, gathering, impounding, taking, selling, using or consuming the water from the Project, the amount of the tax assessment, or charge shall be included in the Operation and Maintenance Expenses of the Raw Water Delivery System or the Operation and Maintenance Expenses of the Plant as appropriate.

Section 27. Default in Payments.

All amounts due and owing to GBRA by CRWA shall, if not paid when due, bear interest at the Texas post-judgment interest rate as set out in TEX. REV. CIV. STAT. ANN. ART. 5069-1.05 (Vernon Supp. 1996) or any successor statute from the date when due until paid, provided that such rate shall never be usurious or exceed the maximum rate as permitted by law. If any amount due and owing by CRWA is placed with an attorney for collection by GBRA, then CRWA shall pay to GBRA, in addition to all other payments provided for by this Agreement, including interest, GBRA's collection expenses, including court costs and attorney's fees.

Section 28. Waiver and Amendment.

(a) Failure to enforce or the waiver of any provision of this Agreement or any breach of nonperformance by CRWA or GBRA shall not be deemed a waiver by GBRA or CRWA of the right in the future to demand strict compliance and performance of any provision of this Agreement. Regardless of any provision contained in this Agreement to the contrary, any right or remedy or any default under this Agreement, except the right of GBRA to receive payments due under this Agreement which shall never be determined to be waived, shall be deemed to be conclusively waived unless asserted by a proper proceeding at law or in equity within two (2) years plus one (1) day after the occurrence of the default.

(b) No officer or agent of CRWA or GBRA is authorized to waive or modify any provision of the Agreement. No modifications to or rescission of this Agreement may be made except by a written document signed by CRWA's and GBRA's authorized representatives.

(c) It is further agreed that, without receiving the prior written consent of the General Manager of CRWA, GBRA will not to enter into any amendment of the Regional Agreement which, in the reasonable judgment of the General Manager of GBRA, would (i) impose an additional or increased financial obligation on CRWA not otherwise established by the Regional Agreement or this Agreement, or (ii) reduce CRWA's rights to receive treated water under this Agreement.

Section 29. Remedies.

It is not intended hereby to specify (and this Agreement shall not be considered as specifying) an exclusive remedy for any default, but all such other remedies (other than termination) existing at law or in equity may be availed of by either party hereto and shall be cumulative. Recognizing, however, that failure in the performance of either party's obligations hereunder could not be adequately compensated in money damages alone, each party agrees in the event of any default on its part that each party shall have available to it the equitable remedy of mandamus and specific performance, in addition to any other legal or equitable remedies (other than termination) which also may be available.

Section 30. Force Majeure.

If for any reason of force majeure, GBRA shall be rendered unable, wholly or in part, to carry out its obligations under this Agreement, then if GBRA shall give notice of the reasons in writing to CRWA within a reasonable time after the occurrence of the event, or cause relied on, the obligation of GBRA, so far as it is affected by the force majeure, shall be suspended during the continuance of the inability then claimed, but for no longer period. The term "force majeure" as used in this Agreement shall mean acts of God, strikes, lockouts, or other industrial disturbances, acts of public enemy, orders or actions of any kind of government of the United States or of the State of Texas, or any civil or military authority, insurrections, riots, epidemics, land slides, lightning, earthquakes, fires, hurricanes, tornadoes, volcanos, asteroids, storms, floods, washouts, droughts, arrests, restraints of government and people, civil disturbances, explosions, breakage or accident to dams, machinery, pipelines, canals, or other structures, partial or entire failure of water supply including pollution (accident or intentional), and any inability on the part of GBRA to deliver raw or treated water under this Agreement, on account of any other cause not reasonably within the control of GBRA.

Section 31. Non-Assignability.

Neither party may assign this Agreement without the written consent of the other party, except to a successor of the duties and functions of that party.

Section 32. Sole Agreement.

Except for CRWA's Raw Water Contract, this Agreement (including all Exhibits attached hereto) constitutes the sole and only agreement of GBRA and CRWA and supersedes any prior understanding or oral or written agreements between the CRWA and GBRA respecting the subject matter of this Agreement.

Section 33. Severability.

The provisions of this Agreement are severable and if, for any reasons, any one or more of the provisions contained in the Agreement shall be held to be invalid, illegal or unenforceable in any respect, the invalidity, illegality or unenforceability shall not affect any other provision of this Agreement and this Agreement shall remain in effect and be construed as if the invalid, illegal or unenforceable provision had never been contained in the Agreement.

Section 34. Captions.

The sections and captions contained herein are for convenience and reference only and are not intended to define, extend or limit any provision of this Agreement.

Section 35. No Third Party Beneficiaries.

This Agreement does not create any third party benefits to any person or entity other than the signatories hereto, and is solely for the consideration herein expressed. No existing or potential GBRA Customer, and no CRWA Customer, shall have any right, title or interest in and to this Agreement.

Section 36. Notices.

All notices, payments and communication ("notices") required or allowed by this Agreement shall be in writing and be given by depositing the notice in the United States mail postpaid and registered or certified, with return receipt requested, and addressed to the Party to be notified. Notice deposited in the mail in the previously described manner shall be conclusively deemed to be effective from and after the expiration of three (3) days after the notice is deposed in the mail. For purposes of notice, the addresses of and the designated representative for receipt of notice for each of the parties shall be as follows:

Canyon Regional Water Authority
Attention: General Manager
850 Lakeside Pass
New Braunfels, TX 78130-8233

Guadalupe-Blanco River Authority
Attention: General Manager
933 E. Court Street
Seguin, Texas 78155

Either party may change its address by giving written notice of the change to the other party at least fourteen (14) days before the change becomes effective.

Section 37. Duplicate Originals.

GBRA and CRWA, acting under authority of their respective governing bodies, shall authorize the execution of this Agreement in several counterparts, each of which shall be an original. CRWA and GBRA shall submit written evidence in the form of bylaws, charters, resolutions or other written documentation specifying the authority of each party's representative to sign this Agreement which evidence shall be attached to this Agreement as Exhibit 5.

GUADALUPE-BLANCO RIVER AUTHORITY

By: _____
William E. West, Jr., General Manager

ATTEST:

_____

CANYON REGIONAL WATER AUTHORITY

By: _____

ATTEST:

_____

THE STATE OF TEXAS §

COUNTY OF GUADALUPE §

BEFORE ME, the undersigned, a Notary Public in and for said State, on this day personally appeared **William E. West, Jr.**, General Manager of the **GUADALUPE-BLANCO RIVER AUTHORITY**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 17th day of June, 1999.

CLARA SUE BRUSH NOTARY PUBLIC STATE OF TEXAS EXPIRES 10-15-01

(Notary Seal)

Clara Sue Brush
Notary Public
State of Texas

THE STATE OF TEXAS §

COUNTY OF GUADALUPE §

BEFORE ME, the undersigned, a Notary Public in and for said State, on this day personally appeared Donald C. Speer, Chairman of the **CANYON REGIONAL WATER AUTHORITY**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 14TH day of June, 1999.

Paul M Taggart
Notary Public
State of Texas

(Notary Seal)

PAUL M. TAGGART NOTARY PUBLIC STATE OF TEXAS EXPIRES 4-22-2003

CANYON REGIONAL WATER AUTHORITY
RECEIVED
JAN 25 2001
FILE COPY

FIRST AMENDMENT TO WATER SUPPLY AGREEMENT BETWEEN CANYON REGIONAL WATER AUTHORITY AND GUADALUPE-BLANCO RIVER AUTHORITY

This Amendment (hereinafter called the "First Amendment"), entered into as of the 24th day of January, 2001 between the GUADALUPE-BLANCO RIVER AUTHORITY, a conservation district and political subdivision of the State of Texas (hereinafter called "GBRA"), and CANYON REGIONAL WATER AUTHORITY, a regional water authority created under Article XVI, Section 59 of the Texas Constitution, (hereinafter called "CRWA"), shall constitute an amendment to that certain contract (between the parties, dated as of June 16, 1999, entitled "Water Supply Agreement" (such contract as amended, hereinafter called the "Agreement");

W I T N E S S E T H :

Recitals

Under the terms of the Agreement between Guadalupe-Blanco River Authority ("GBRA") and Canyon Regional Water Authority ("CRWA") dated June 16, 1999, GBRA has agreed to deliver to CRWA for its customers a total commitment of 430 acre-feet. Purchaser's customers include several water supply corporations. Of the total 430 acre-feet of untreated water, Maxwell Water Supply Corporation ("Maxwell WSC") is to be supplied 350 acre-feet; County Line Water Supply Corporation ("County Line WSC") is to be supplied 30 acre-feet; and Martindale Water Supply Corporation ("Martindale WSC") is to be supplied 50 acre-feet.

Maxwell WSC now desires to increase the amount of water supplied under this Agreement from 350 acre-feet per year to 550 acre-feet per year. County Line WSC also desires to increase the amount of water supplied under this Agreement from 30 acre-feet per year to 230 acre-feet per year.

Based on these increased quantities, CRWA also desires to increase the rate at which water is delivered under the Agreement.

Agreement

NOW, THEREFORE, for and in consideration of the mutual promises, obligations, and benefits hereinafter set forth, GBRA and CRWA agree to amend, modify and change certain sections of the Agreement as follow:

1. The definition of "CRWA's Raw Water Contract" in **Section 1** shall be amended in its entirety to read as follows:

   "CRWA's Raw Water Contract" means that certain contract dated June 16 1999 by and between GBRA and CRWA (designated Contract Number 2204 by the TNRCC), as it may be amended from time to time, providing CRWA with a commitment of stored water from Canyon Reservoir.

2. Paragraphs (b) and (c) of **Section 4** shall be amended in their entirety to read as follows:

   (b) Prior to the Plant Expansion Date, the maximum rate of delivery of raw water for CRWA to the Plant, or to another point of delivery agreed to pursuant to subsection (a) of this Section, shall not exceed 514 gpm.

   (c) From and after the Plant Expansion Date, the maximum rate of delivery of raw water for CRWA to the Plant shall not exceed 514 gpm.

3. Paragraph (d) of **Section 5** shall be amended in its entirety to read as follows:

   (d) From and after the Plant Expansion Date, the maximum rate of delivery to CRWA of treated water from the Plant shall not exceed 514 gpm or 0.74 MGD.

IN WITNESS WHEREOF, the parties hereto, acting under the authority of their respective governing bodies, have caused the First Amendment to be duly executed in four (4) counterparts, each of which shall constitute an original.

GUADALUPE-BLANCO RIVER AUTHORITY

By _____
William E. West, Jr.
General Manager

ATTEST:
_____

CANYON REGIONAL WATER AUTHORITY

By _____
David Davenport, General Manager
850 Lakeside Pass Drive
New Braunfels, Texas 78130
830/609-0543

ATTEST:
_____

§ THE STATE OF TEXAS

§ COUNTY OF GUADALUPE

BEFORE ME, the undersigned authority, on this day personally appeared WILLIAM E. WEST, Jr., known to me to be the person whose name is subscribed to the foregoing instrument as GENERAL MANAGER OF THE GUADALUPE-BLANCO RIVER AUTHORITY, a conservation and reclamation district, a governmental agency and a body politic and corporate, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity stated, and as the act and deed of said Authority.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 24th day of January, 2001.

CLARA SUE BRUSH NOTARY PUBLIC STATE OF TEXAS EXPIRES 10-15-01

Clara Sue Brush
Notary Public in and for
The State of Texas
My Commission Expires: 10-15-01

§ THE STATE OF TEXAS

§ COUNTY OF GUADALUPE

BEFORE ME, the undersigned authority, on this day personally appeared DAVID DAVENPORT, GENERAL MANAGER of the CANYON REGIONAL WATER AUTHORITY, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said Authority.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 8th day of January, 2001.

PAUL M. TAGGART NOTARY PUBLIC STATE OF TEXAS EXPIRES 4-22-2003

Paul M Taggart
Notary Public in ~~and~~ for
The State of Texas
My Commission Expires: 4-22-03

SECOND AMENDMENT TO CONTRACT FOR RAW WATER SERVICE
BETWEEN
GUADALUPE-BLANCO RIVER AUTHORITY
AND CANYON REGIONAL WATER AUTHORITY

This Contract Amendment (hereinafter called the "Second Amendment"), entered into as of the 1st day of February, 2002, between the GUADALUPE-BLANCO RIVER AUTHORITY, a conservation district and political subdivision of the State of Texas (hereinafter called "GBRA"), and CANYON REGIONAL WATER AUTHORITY, a regional water authority created under Article XVI, Section 59 of the Texas Constitution, (hereinafter called "Purchaser"), shall constitute an amendment to that certain contract (TNRCC Water Contract No. 2204A) between the parties dated as of June 16, 1999 and amended on January 24, 2001, entitled "Contract for Raw Water Service" (such contract as amended, hereinafter called the "Contract");

WITNESSETH:

Recitals

Under the terms of the Contract for Raw Water Service between Guadalupe-Blanco River Authority ("GBRA") and Canyon Regional Water Authority ("Purchaser") dated June 16, 1999, and amended on January 24, 2001, designated by Texas Natural Resource Conservation Commission ("TNRCC") as Contract No. 2204A, GBRA has agreed to supply to Purchaser for its customers a total commitment of 830 acre-feet of water per year. Purchaser's customers include several water supply corporations. Of the total 830 acre-feet of untreated water, Maxwell Water Supply Corporation ("Maxwell WSC") is to be supplied 550 acre-feet; County Line Water Supply Corporation ("County Line WSC") is to be supplied 230 acre-feet; and Martindale Water Supply Corporation ("Martindale WSC") is to be supplied 50 acre-feet.

County Line WSC now desires to increase the amount of untreated water to be supplied under the Contract from 230 acre-feet of water per year to 654 acre-feet of water per year.

Agreement

NOW, THEREFORE, for and in consideration of the mutual promises, obligations, and benefits hereinafter set forth, GBRA and Purchaser agree to amend, modify and change certain sections of the Contract as follow:

Section 1, shall be amended in its entirety to read as follows:

1. QUANTITY. GBRA agrees to furnish Purchaser, at the Point of Diversion (hereinafter defined), during the term of this Agreement, untreated water from conservation storage in Canyon Reservoir under Certificate of Adjudication 18-2074, as amended, in such quantity as may be required by Purchaser, not to exceed 1,254 acre-feet of water per year (the "Annual Commitment"), to be used for Municipal purposes. The 1,254 acre-foot Annual Commitment shall be divided as follows: Maxwell WSC shall have an Annual Commitment of 550 acre-feet; County Line WSC shall have an Annual Commitment of 654 acre-feet; and Martindale WSC shall have an Annual Commitment of 50 acre-feet.

Section 2, shall be amended in its entirety to read as follows:

2. POINT OF DIVERSION. The water will be furnished at a point in Guadalupe County (the "Point of Diversion") as follows: North 21 degrees West from the South corner of the Antonio M. Esnaurrizar Survey, a distance of 34,800 feet. Said point is also located on the East bank of the GBRA Dunlap Hydroelectric Canal and downstream 100 feet from the headworks tainter gates.

The maximum rate of diversion at the Point of Diversion shall not exceed 770 gallons per minute (1.7 cubic feet per second). The vicinity map attached hereto as Exhibit "A" shows the Point of Diversion. Exhibit "B" shows the place of use. Certificate of Adjudication 18-2074, as amended, authorizes GBRA to use the bed and banks of the Guadalupe River to convey water released from Canyon Reservoir to the Point of Diversion.

Section 3, shall be amended in its entirety to read as follows:

3. MONTHLY PAYMENTS. Purchaser agrees to pay GBRA at its office in Guadalupe County, Texas, or such or other place as GBRA may designate in writing, upon execution of this Amendment by Purchaser, and thereafter not later than the twentieth (20^{th}) day of each month during the term of this contract, an amount of money equal to one-twelfth of the Annual Commitment multiplied by the then applicable rate for water supplied from conservation storage in Canyon Reservoir (the "Raw Water Rate"). The payment due upon execution of the Amendment shall be $ 7,210.50 based upon the current Raw Water Rate of $69.00 per acre-foot per year.

IN WITNESS WHEREOF, the parties hereto, acting under the authority of their respective governing bodies, have caused this Second Amendment to be duly executed in three (3) counterparts, each of which shall constitute an original.

GUADALUPE-BLANCO RIVER AUTHORITY

By _____
William E. West, Jr.
General Manager

ATTEST:

_____

CANYON REGIONAL WATER AUTHORITY

By _____
David Davenport, General Manager
850 Lakeside Pass Drive
New Braunfels, Texas 78130
830/609-0543

ATTEST:

C H Powell

§ THE STATE OF TEXAS

§ COUNTY OF GUADALUPE

BEFORE ME, the undersigned authority, on this day personally appeared WILLIAM E. WEST, Jr., known to me to be the person whose name is subscribed to the foregoing instrument as GENERAL MANAGER OF THE GUADALUPE-BLANCO RIVER AUTHORITY, a conservation and reclamation district, a governmental agency and a body politic and corporate, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity stated, and as the act and deed of said Authority.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 1st day of February, 2002

Christy S. Dietert

Notary Public in and for
The State of Texas
My Commission Expires: 5-11-04

CHRISTY S. DIETERT NOTARY PUBLIC STATE OF TEXAS MY COMMISSION EXPIRES May 11, 2004

§ THE STATE OF TEXAS

§ COUNTY OF GUADALUPE

BEFORE ME, the undersigned authority, on this day personally appeared DAVID DAVENPORT, GENERAL MANAGER of the CANYON REGIONAL WATER AUTHORITY, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said Authority.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 21st day of January, 2002

C.H. POWELL
MY COMMISSION EXPIRES
June 20, 2005

C H Powell

Notary Public in and for
The State of Texas
My Commission Expires: _____

THIRD AMENDMENT TO WATER SUPPLY AGREEMENT
BETWEEN
CANYON REGIONAL WATER AUTHORITY AND
GUADALUPE-BLANCO RIVER AUTHORITY

This Amendment (hereinafter called the "Third Amendment"), entered into as of the 4th day of June, 2003, between the GUADALUPE-BLANCO RIVER AUTHORITY, a conservation district and political subdivision of the State of Texas (hereinafter called "GBRA"), and CANYON REGIONAL WATER AUTHORITY, a regional water authority created under Article XVI, Section 59 of the Texas Constitution, (hereinafter called "CRWA"), shall constitute an amendment to that certain contract between the parties, dated as of June 16, 1999, and amended on January 24, 2001, and February 1, 2002, entitled "Water Supply Agreement" (such contract as amended, hereinafter called the "Agreement");

W I T N E S S E T H :

Recitals

Under the terms of the Agreement between Guadalupe-Blanco River Authority ("GBRA") and Canyon Regional Water Authority ("CRWA") dated June 16, 1999, and amended on January 24, 2001, and February 1, 2002, GBRA has agreed to deliver to CRWA for its customers a total commitment of 1,254 acre-feet of water per year. Purchaser's customers include several water supply corporations. Of the total 1,254 acre-feet of untreated water per year, Maxwell Water Supply Corporation ("Maxwell WSC") is to be supplied 550 acre-feet; County Line Water Supply Corporation ("County Line WSC") is to be supplied 654 acre-feet; and Martindale Water Supply Corporation ("Martindale WSC") is to be supplied 50 acre-feet.

County Line WSC now desires to increase the amount of water delivered to it under the Agreement from 654 acre-feet per year to 1,052 acre-feet per year. Maxwell WSC now desires to increase the amount of untreated water to be supplied under the Agreement from 550 acre-feet of water per year to 644 acre-feet of water per year.

In addition, another of CRWA's customers, Crystal Clear Water Supply Corporation ("Crystal Clear WSC") desires to be supplied 292 acre-feet of water per year under the Agreement.

Based on this increased quantity of water, CRWA desires to increase the rate at which water is delivered under the Agreement.

Agreement

NOW, THEREFORE, for and in consideration of the mutual promises, obligations, and benefits hereinafter set forth, GBRA and CRWA agree to amend, modify and change certain sections of the Agreement as follow. All other terms and conditions of the Contract not expressly amended by this Third Amendment shall continue in full force and effect.

1. Paragraphs (b) and (c) of **Section 4** shall be amended in their entirety to read as follows:

   (b) Prior to the Plant Expansion Date, the maximum rate of delivery of raw water for CRWA to the Plant, or to another point of delivery agreed to pursuant to subsection (a) of this Section, shall not exceed 1,390 gpm.

   (c) From and after the Plant Expansion Date, the maximum rate of delivery of raw water for CRWA to the Plant shall not exceed _1,390_ gpm.

2. Paragraph (d) of **Section 5** shall be amended in its entirety to read as follows:

   (d) From and after the Plant Expansion Date, the maximum rate of delivery to CRWA of treated water from the Plant shall not exceed _1,390_ gpm or _2.0_MGD.

IN WITNESS WHEREOF, the parties hereto, acting under the authority of their respective governing bodies, have caused the Third Amendment to be duly executed in three (3) counterparts, each of which shall constitute an original.

GUADALUPE-BLANCO RIVER AUTHORITY

By _____
William E. West, Jr.
General Manager

ATTEST:

CANYON REGIONAL WATER AUTHORITY

By _____
David Davenport, General Manager
850 Lakeside Pass Drive
New Braunfels, Texas 78130
830/609-0543

ATTEST:

§ THE STATE OF TEXAS

§ COUNTY OF GUADALUPE

BEFORE ME, the undersigned authority, on this day personally appeared WILLIAM E. WEST, Jr., known to me to be the person whose name is subscribed to the foregoing instrument as GENERAL MANAGER OF THE GUADALUPE-BLANCO RIVER AUTHORITY, a conservation and reclamation district, a governmental agency and a body politic and corporate, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity stated, and as the act and deed of said Authority.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 16th day of June, 2003

CHRISTY SUE TERT NOTARY PUBLIC STATE OF TEXAS MY COMMISSION EXPIRES May 11, 2004

Christy S. Tert

Notary Public in and for
The State of Texas
My Commission Expires: 5-11-2004

§ THE STATE OF TEXAS

§ COUNTY OF GUADALUPE

BEFORE ME, the undersigned authority, on this day personally appeared DAVID DAVENPORT, GENERAL MANAGER of the CANYON REGIONAL WATER AUTHORITY, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said Authority.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 4th day of June, 2003

C H Powell

Notary Public in and for
The State of Texas
My Commission Expires: _____

C.H. POWELL
MY COMMISSION EXPIRES
June 20, 2005

CANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	RESOLUTION NUMBER
04/20/2026	UTILITY AGREEMENT WITH TEXAS DEPARTMENT OF TRANSPORTATION ("TXDOT") FOR THE CHANNEL D PROJECT	CRWA 26-04-010

INITIATED BY KERRY AVERYT

STAFF RECOMMENDATION

Approve the Supplemental Utility Agreement #2 with TxDOT for the Channel D Project and authorize the Canyon Regional Water Authority ("CRWA") General Manager to execute the Utility Agreement.

BACKGROUND INFORMATION

In April 2022, CRWA entered into a Standard Utility Agreement with TxDOT for the proposed Highway Project ("Project") that necessitated the adjustment, removal, and/or relocation of certain CRWA utilities. The Project stretched from Bexar/Guadalupe County Line to FM 465. CRWA had two (2) water lines that required work to be done during this project (as referenced in the attached original Standard Utility Agreement).

Supplemental Utility Agreement #2 being presented is due to CRWA needing to relocate an existing 24" diameter water transmission main. The existing pipe is causing conflict with the proposed EBFR drainage Channel D flowline grading and SET (as referenced in the attached Supplemental #2).

FINANCIAL IMPACT

The estimate for Supplemental Utility Agreement #2 is $1,443,766.00. Funding for the project is included in the FY 2025 budget under the Repair and Replacement fund. This project is 100% reimbursable by TxDOT.

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-010

BE IT RESOLVED that the CRWA Board of Trustees approves the Supplemental Utility Agreement #2 with TxDOT and authorizes the CRWA General Manager to execute said Agreement.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

MEMO

02/20/2026

To: Kyle Madsen, JD, CTCM
Director, Right of Way Division

Through: Charles Benavidez
District Engineer, 15 - San Antonio District Initial:

From: Richard De La Cruz
Director of T.P.&D, 15 - San Antonio District Initial:

Subject: **Supplemental Utility Agreement #2 ,Canyon Regional Water Authority (CRWA)**

Utility ID #: U00009529 ROWIS U#:N/A
RCSJ:0025-03-099 County: Guadalupe
CCSJ:0025-03-097 Highway: IH-10
From:BEXAR/GUADALUPE COUNTY LINE To: FM 465

Our District has executed a Supplemental Agreement with the subject Utility for the above-referenced project and is now being submitted for file. This agreement provides funding for the utility to adjust their facilities in correlation with the included Supplemental and includes ROW-U-COA, Checklist, and the appropriate attachments as needed.

This supplemental was necessary due to:

- ☐ Insufficiencies in Standard Utility Agreement as noted
- ☑ Variance in cost >25% or $100,000
- ☐ Change in scope
- ☐ Change in Eligibility Ratio
- ☐ Change in Betterment Ratio

The following is a description of the actions taken in response to the causes listed above:

The District has supplied:CRWA will also need to relocate their existing 24" diameter water transmission main within a 30" diameter steel casing pipe that crosses IH-10 at the State's approximate main lane STA. 1879+00. The existing pipe and casing are in conflict with the proposed EBFR drainage Channel D flowline grading and SET. In order to alleviate the conflict, the existing water transmission main and casing pipe will be relocated to the south and lowered. Updated cost estimate, relocation plans and updated ATTACHMENT D have been supplied.

A courtesy review was performed by: Paul Fierro

This Supplemental Agreement has been reviewed and approved by 15 - San Antonio District Utility Coordinator, TP&D Director, and District Engineer.

Should you have any questions please contact:

Stephon Robertson
Utility Coordinator
210-968-4232
Stephon.Robertson@txdot.gov

DRAFT

Texas Department of Transportation

Utility Coordinator's Supplemental Agreement Checklist

SUPPLEMENTAL #: 2

Affected Attachments: ☑ A ☐ B ☐ C ☑ D ☐ E ☐ F ☐ G ☐ H

Project / Agreement Information

Your Name:	Stephon Robertson
Your Title:	Utility Coordinator
Your Phone:	210-968-4232
Your Email:	Stephon.Robertson@txdot.gov
Supervisors Name:	Richard De La Cruz
Supervisors Title:	Director of T.P.&D
Supervisors Phone:	(210) 615-6434
Supervisors Email:	Richard.DeLaCruz@txdot.gov
District Engineer:	Charles Benavidez
Title:	District Engineer
District Engineer's Phone:	(210) 615-5801
District Engineer's Email:	Charles.Benavidez@txdot.gov
District:	San Antonio
Utility Name:	**Canyon Regional Water Authority**
ROWIS U#:	**N/A**
Utility ID#:	**U00009529**
Date Received (District):	11/10/2025
Accounting Method (SUA B):	Actual Costs
Reimbursement Justification:	Interstate
Assembled By:	TxDOT Consultant
County:	Guadalupe
RCSJ:	0025-03-099
CSJ:	0025-03-097
Highway:	IH-10
Limits From:	Bexar/Guadalupe County Line
Limits To:	FM 465
TxC ROW Project ID:	R00002889
HWY Construction Let Date:	11/1/2021
TxDOT Project Stationing Start:	1742+78
TxDOT Project Stationing End:	1945+00
Utility Adjustment Starting Station:	1803+46
Utility Adjustment Ending Station:	1912+44
Process:	FUP- Interstate Highway

Environmental Clearance Date:	8/15/2019	
Agreement Execution Date:		
Emergency Work Authorization Date:	NA	
Dates of Work: Start Date:	06/01/22	
End Date:	10/28/26	
Estimated Duration (Days):	1610	
Original Agreement Estimate:	$376,035.00	
Previous Supplemental Estimate:	$694,327.18	
This Supplemental Estimate:	**$2,138,093.18**	
Increased or Decreased Amount (+/-):	$1,443,766.00	208%
Betterment %:	0.00%	
Salvage Credit:	$0.00	
Depreciation:	$0.00	
Eligibility Ratio:	100.00%	
SP2125 Participation:	$0.00	
Amount Due from Utility via AFA:	$0.00	
Amount in TxDOT Contract:	$128,422.97	
Existing Easement Compensation at 100%:		
Amount Payable to Utility:	**$2,009,670.21**	

Utility Primary Contact Information:

Utility Primary Contact:	Brandon Rohan
Email:	brohan@ecsud.com;
Phone:	(830) 609-0543

Checklist

Reason for supplemental:	Waterline conflict was identified during construction and represents an additional scope in work.

GENERAL:	
Are all applicable forms submitted complete, up-to-date, and unmodified?*	YES
Are explanations or clarifications included where necessary for complete understanding?	YES
Is Signature authority included for representative signing forms if other than officer level? ROW-U-40	N/A
Is the CPA screenshot included? (Include immediately after checklist)	YES
Does TxDOTCONNECT TIN match CPA screenshot TIN?	YES
Does TxDOTCONNECT Mail code match CPA screenshot mail code?	YES
Does TxDOTCONNECT Address match CPA screenshot, and the invoice remittance address?	YES
Has the TxDOTCONNECT Utility page, including utility status, been updated?	YES
ATTACHMENT A - Plans and Estimate	
PLANS:	
Is the project or vicinity plat provided where needed to understand scope of proposed work?	YES
Is the adjustment within Project limits or DIRECTLY related to work required within Project limits?	YES
Are the existing and proposed ROW lines, and the existing and proposed utility easements shown?	YES
Is the existing facility including nature of conflicts and eligibility lengths or pole count per page shown?	YES
Is the proposed installation demonstrating TAC compliance, distance from ROW, and depth or clearance shown?	YES
Are profile view or cross-sections of crossings to show casing, depth or clearance provided?	YES
Do the plans indicate TxDOT project stationing and offsets from centerline?	YES
Are specifications for both existing and proposed facility sufficient to verify betterment or in-kind?	YES
ESTIMATE:	
Is the estimate properly and adequately itemized and detailed?	YES
Have materials subject to BUY AMERICA compliance have been identified on the estimate?(*)	YES
Is the estimate free of all ineligible costs? (Utility Manual, Ch 7, Sec 2)	YES
Have replacement easement costs been verified and approved as appropriate? (ROW Manager approval)	NO
Have the estimate quantities been compared and reconciled to plans and statement of work in agreement?	YES
Is a Betterment ratio applicable? (if so, see Attachment "G")	NO
If yes, is ratio calculated and applied properly?	N/A
Is a Depreciation credit applicable?	NO
If yes, is credit calculated and applied properly?	N/A
Is a Salvage credit applicable?	N/A
If yes, is credit calculated and applied properly?	N/A
Have overheads and loadings been explained and checked for reasonableness?	YES
Are all units and rates multiplied correctly to obtain a sum? Are all subtotals and totals correct?	YES
Has the utility consultant engineering contract been reviewed and approved by the District?	YES
Attachment "B" - Utility's Accounting Method	
Is an acceptable accounting method (Actual cost or Lump Sum) indicated?	N/A
Attachment "C" - Utility's Schedule of Work and Estimated Date of Completion	
Has the schedule of work been provided by the utility?	N/A
Is the Start Date of the accomodation included? (Physical Adjustment or Relocation)	N/A
Attachment "D" - Statement covering Contract Work - Is the ROW-U-48 included?	YES
Attachment "E" - Utility Joint Use Agreement	
Is Joint Use Agreement Included? (plans showing area of Joint Use required)	N/A
Is the Permit included?	NO
Attachment "F" - Eligibility Ratio - correctly calculated and recommended?	N/A
Attachment "G" - Betterment Calculation and Estimates	
Are Betterment and In-Kind estimates included?	N/A
Is the Betterment ratio applied properly?	N/A
Attachment "H" - Proof of Property Interest - ROW-U-Affidavit	
Has proof of property or compensable interest ownership by utility been established?	NO
Have Corporate succession documentation been provided? (chain of ownership)	N/A
Is a Quit claim required?	NO
This SUA will be submitted to ROW Division in a single PDF file via:	EMAIL
Have the ROW memos regarding all previous agreements been reviewed?	NO

Remittance Address:	850 Lakeside Pass
	New Braunfels, TX 78130-8282
TIN# / Mail Code:	17425860636
Prepared By:	Stephon Robertson and David Kneuper/Utility Engineering Group, PLLC 1/28/2026
Signature:	Stephon Robertson

District Comments:

CRWA will also need to relocate their existing 24" diameter water transmission main within a 30" diameter steel casing pipe that crosses IH-10 at the State's approximate main lane STA. 1879+00. The existing pipe and casing are in conflict with the proposed EBFR drainage Channel D flowline grading and SET. In order to alleviate the conflict, the existing water transmission main and casing pipe will be relocated to the south and lowered. Updated cost estimate, relocation plans and updated ATTACHMENT D have been supplied.

Documents Included in this package:

Bid Tabulations (D, ROW-U-48, A or B)

Monica P. Perez P.E.
Transportation Engineer Supervisor
SAT-15

Documents that will be supplied at or prior to billing:

Permit - UIR Approval page (E)
TINS record

Tanya Geiselhofer District
Utility Lead
SAT-15

*Modified forms will require ROW Attorney's approval.

version 3.0

DRAFT

DocuSign Envelope ID: 93B73977-C337-4226-9000-63D6329549BE

Texas Department of Transportation

MEMO

November 30, 2023

To: Gina E. Gallegos, P.E.
District Engineer, San Antonio District

Through: Kyle Madsen, JD, CTCM
Director, Right of Way Division

From: Wayne Robinson
Utility Portfolio Section Director, Right of Way Division

DocuSigned by:
Wayne Robinson
E6EAF8F42C0F481...

Subject: Utility Supplemental Agreement No. 1, U00009529
Utility: Canyon Regional Water Authority
County: Guadalupe
RCSJ: 0025-03-099
CCSJ: 0025-03-097
HWY IH 10: Bexar C/L to FM 465

DRAFT

Based upon the district's technical review and subsequent approval, the subject utility Supplemental Agreement No.1 has been received for record. The original cost estimate in the amount of o **$376,035.00** is increased in the amount of **$318,292.18;** therefore, the total estimated cost for this adjustment has been increased to **$694,327.18** (Contractor cost =$128,422.97, Utility cost =$565,904.21**).**

The proposed Bore will be included in the TxDOT highway construction project.

This supplemental agreement is required, per verification by the district due to construction method will change from open trench to bore and will perform via joint bid.

The following comments are the result of the ROW Division's administrative review of the executed utility supplemental agreement:

General Notes:

1. The updated materials tracked as Buy America compliant in the standard utility agreement cost estimate will be certified in the Form 1818 at the time of installation.

2. Based on the attachment "D" form U-48 in the standard utility agreement, the construction of the utility portion will be accomplished through a solicitation for bids (option A). A copy of the bid document is required at billing.

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3. Approved permit should be obtained by the utility prior to construction inside of the highway right of ways.

4. The checklist identifies the district review of the consultant engineering contract as (yes). A copy of engineering contract is required at billing.

5. The courtesy review by the utility specialist prior to execution of the utility agreement was not requested by district.

Please inform the utility company, that all invoices must be prepared in the same form as the approved agreement and include supporting documentation. These invoices must be mailed to the District ROW Office. The invoices must be date stamped by the District ROW Office, when received, for the billing cycle to begin.

If further assistance is needed, please contact Mak Saeedi at (512) 416-2957.

DRAFT

Standard Utility Agreement
Supplemental Agreement No. 02 to U Number N/A Utility ID U00009529

District: SAT-15
ROW Project ID: R00002889
ROW CSJ: 0025-03-099
Construction CSJ: 0025-03-097
Proposed Highway Project Letting Date: 11/2021

County: Guadalupe
Highway: IH-10
From: Bexar/Guadalupe County Line
To: FM 465

THIS SUPPLEMENTAL AGREEMENT by and between the State of Texas (”**State**”) and CANYON REGIONAL WATER AUTHORITY (“**Utility**”) shall be effective upon the date of acceptance and execution by and on behalf of the **State**.

WHEREAS, the **State** and **Utility** executed a Standard Utility Agreement on April 11, 2022 concerning the adjustment, relocation, or removal of certain of the **Utility’s** facilities;

WHEREAS, said Standard Utility Agreement limits the required scope of work and/or the amount of eligible reimbursement;

WHEREAS, due to newly discovered information by the **Utility** deemed sufficient by the **State**, the **State** and **Utility** agree that supplementation to the Standard Utility Agreement is necessary; and

WHEREAS, the statement of work contained in the Standard Utility Agreement shall be supplemented to include the reason the supplemental is needed and the change in cost: to relocate the Utility's existing 24" diameter water transmission main within a 30" diameter steel casing pipe that crosses IH-10 at the State's approximate main lane at STA.1879+00. The existing pipe and casing are in conflict with the proposed EBFR drainage Channel D flow line grading and SET. This conflict was identified after the original Standard Utility Agreement and Supplemental Agreement #1 were finalized and represents an additional scope of work to the original conflicts. In order to alleviate this conflict, the existing water transmission main and casing pipe will be relocated to the south and lowered. Attachment D, Statement Covering Contract Work, has also been updated to reflect both joint bid and solicitation of bid , which is more specifically shown in **Utility’s** plans, specifications, estimated costs, and schedule, which are attached to this supplemental agreement as Attachment “A.”

NOW, THEREFORE, BE IT AGREED:

The statement of work contained in the Standard Utility Agreement is supplemented to include the additional adjustment, relocation, or removal found in Attachment “A.”

The estimated cost of the adjustment, relocation, or removal is ☒ increased or ☐ decreased to a total of $2,138,093.18, or ☐ no change to the Total Cost Estimate. The parties agree that the approval of estimated costs in no way indicates the eligibility of said costs for reimbursement.

All conditions and agreements contained in the Standard Utility Agreement, except those specifically included in this document, remain in effect.

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

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Initial	Date	Initial	Date
TxDOT		Utility	

UTILITY

Utility: CANYON REGIONAL WATER AUTHORITY

By: _____

Title: BOARD PRESIDENT

Date: _____

EXECUTION RECOMMENDED:

_____
Director of TP&D (or designee), San Antonio District

THE STATE OF TEXAS

Executed and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By: _____
District Engineer (or designee)

Date: _____

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Attachment "A"
Plans, Specifications, and Estimated Costs

☐ Not Applicable

All material items within the cost estimate that must meet Buy America or Steel and Iron Preference Provision requirements must be indicated with an asterisk (*).

☐ Currently, **this project does not plan to use** iron and steel subject to Buy America requirements. In the event that Buy America regulated materials are used during the construction of this project, compliance documentation will be provided.

☐ There are non-domestic iron and steel materials in this project that fall under the De Minimis equation. Calculations showing the total cost does not exceed one-tenth of one percent (0.1 %) of the individual utility agreement amount or $2,500.00, whichever is greater is required.

☒ We understand the Buy America Compliance Requirements for iron and steel and will supply the required documentation to TxDOT indicating compliance with this provision. The following documents will be supplied prior to the installation of the materials:

1) Form 1818 - Material Statement
2) Material Test Reports or Certifications

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Initial	Date	Initial	Date
TxDOT		Utility	

Attachment "A" (Continued)
Plans, Specifications, and Estimated Costs

☒ Not Applicable

All construction material and manufactured items within the cost estimate that must meet Build America, Buy America (BABA) compliance must be indicated with a double asterisk (**).

☐ This is to acknowledge that the material(s) listed/marked in the cost estimate will be in conformance with the governing specification(s) and that at least the final manufacturing processes and the immediately preceding manufacturing stage for the manufactured and construction material occurred in the United States of America. Alterations to this document by any agency other than the Utility Company/Supplier will void the certification.

Per 2 CFR 184.3, manufactured products means:

(1) Articles, materials, or supplies that have been:

(i) Processed into a specific form and shape; or

(ii) Combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies.

(2) If an item is classified as an iron or steel product, a construction material, or a section 70917(c) material under § 184.4(e) and the definitions set forth in this section, then it is not a manufactured product. However, an article, material, or supply classified as a manufactured product under § 184.4(e) and paragraph (1) of this definition may include components that are construction materials, iron or steel products, or section 70917(c) materials.

Per 2 CFR 184.3 and 2 CFR 184.6, construction material includes:

- *Non-ferrous metals*
- *Glass (including optic glass)*
- *Optical fiber*
- *Lumber*
- *Engineered wood*
- *Drywall*
- *Fiber optic cable (including drop cable)*
- *Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables)*

Authorized Utility Owner Representative:

_____
Signature

_____
Title

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CANYON REGIONAL water authority

Canyon Regional Water Authority
850 Lakeside Pass, New Braunfels, TX 78130
Potable Water Transmission

UTILITY ENGINEERING GROUP

Project Costs

Project Name and Phase:	CRWA - TxDOT IH-10 Water Transmission Main Relocations
Owner:	Canyon Regional Water Authority
Engineering Firm:	Utility Engineering Group, PLLC
Project Number:	6084-08
Water EDUs:	
Completed by:	DK

Date: 2/3/26

		Original SUA Agreement Estimate				Supplemental Agreement No. 1				Supplemental Agreement No. 2			
Bid Item	**Bid Item Description**	**Quantity**	**Unit**	**Unit Price**	**Total Cost**	**Quantity**	**Unit**	**Unit Price**	**Total Cost**	**Quantity**	**Unit**	**Unit Price**	**Total Cost**
1	MOBILIZATION & ROW PREP	1	EA	$ 21,500.00	$ 21,500.00	1	EA	$ 35,000.00	$ 35,000.00	1	EA	$ 35,000.00	$ 35,000.00
2	TRENCH EXCAVATION PROTECTION	355	LF	$ 25.00	$ 8,875.00	178	LF	$ 10.00	$ 1,780.00	178	LF	$ 10.00	$ 1,780.00
3	HYDROSTATIC TEST	1	EA	$ 10,000.00	$ 10,000.00	1	EA	$ 2,500.00	$ 2,500.00	1	EA	$ 2,500.00	$ 2,500.00
4	MATERIAL TESTING	1	EA	$ 2,500.00	$ 2,500.00	1	EA	$ 4,500.00	$ 4,500.00	1	EA	$ 4,500.00	$ 4,500.00
5	SITE PREPARATION	355	LF	$ 25.00	$ 8,875.00	355	LF	$ 15.00	$ 5,325.00	355	LF	$ 15.00	$ 5,325.00
6	TRAFFIC CONTROL	4	Month	$ 1,500.00	$ 6,000.00	1	Month	$ 12,000.00	$ 12,000.00	1.0	Month	$ 12,000.00	$ 12,000.00
7	24" HDPE DR 9 IPS WTR LN (OPEN CUT)	202	LF	$ 300.00	$ 60,600.00	202	LF	$ 400.00	$ 80,800.00	202.00	LF	$ 400.00	$ 80,800.00
8	36" STEEL CASING (OPEN CUT) W/CASING SPACERS*	171	LF	$ 350.00	$ 59,850.00	171	LF	$ 575.00	$ 98,325.00	171	LF	$ 575.00	$ 98,325.00
9	36" SPLIT STEEL CASING (OPEN CUT) W/CASING SPACERS*	153	LF	$ 450.00	$ 68,850.00	153	LF	$ 630.00	$ 96,390.00	153	LF	$ 630.00	$ 96,390.00
10	TIE-IN (COMPLETE)(24 IN)	2	EA	$ 25,000.00	$ 50,000.00	2	EA	$ 10,000.00	$ 20,000.00	2	EA	$ 10,000.00	$ 20,000.00
11	PIPE FITTINGS*	1	TON	$ 25,000.00	$ 25,000.00		TON	$ 11,250.00	$ -		TON	$ 11,250.00	$ -
12	ASPHALT PAVEMENT REPAIR	8	SY	$ 100.00	$ 800.00	8	SY	$ 225.00	$ 1,800.00	8	SY	$ 225.00	$ 1,800.00
13	REMOVAL OF EX. WATER MAIN	185	LF	$ 50.00	$ 9,250.00	201	LF	$ 120.00	$ 24,120.00	201	LF	$ 120.00	$ 24,120.00
14	REMOVAL OF EX. CASING PIPE	21	LF	$ 150.00	$ 3,150.00	21	LF	$ 160.00	$ 3,360.00	21	LF	$ 160.00	$ 3,360.00
15	STABILIZED CONSTRUCTION ENTRANCE	3	EA	$ 2,500.00	$ 7,500.00	2	EA	$ 6,000.00	$ 12,000.00	2	EA	$ 6,000.00	$ 12,000.00
16	SILT FENCE	481	LF	$ 5.00	$ 2,405.00	229	LF	$ 4.50	$ 1,030.50	229	LF	$ 4.50	$ 1,030.50
17	ROCK BERM	28	LF	$ 50.00	$ 1,400.00	28	LF	$ 53.00	$ 1,484.00	28	LF	$ 53.00	$ 1,484.00
18	SITE RESTORATION, FINAL GRADE, & REVEGETATION	1	EA	$ 5,000.00	$ 5,000.00	1	EA	$ 4,500.00	$ 4,500.00	1	EA	$ 4,500.00	$ 4,500.00
19 (CO 1)	UPSIZE 36" STEEL CASING (OPEN CUT) TO 42" STEEL CASING (OPEN CUT) W/CASING SPACERS*					171	LF	$ 69.00	$ 11,799.00	171	LF	$ 69.00	$ 11,799.00
20 (CO 1)	RESIZED END SEALS FOR 42" STEEL CASING					1	EA	$ 948.25	$ 948.25	1	EA	$ 948.25	$ 948.25
21 (CO 1)	ADDITIONAL MEGALUGS*					1	EA	$ 3,071.00	$ 3,071.00	1	EA	$ 3,071.00	$ 3,071.00
22 (CO 1)	ADDITIONAL DPS FITTINGS*					1	EA	$ 573.15	$ 573.15	1	EA	$ 573.15	$ 573.15
23 (CO 1)	ADDITIONAL FUSED FITTINGS AND BUTT JOINT FUSING FOR UPSIZING TO 30" HDPE DR 11 DIPS					1	EA	$ 88,442.00	$ 88,442.00	1	EA	$ 88,442.00	$ 88,442.00
24 (CO 2)	ZUEHL ROAD BORE CREDIT TO CRWA (FOR CASING PIPE INSTALLATION BY OPEN CUT)					1	EA	$ (28,386.00)	$ (28,386.00)	1	EA	$ (28,386.00)	$ (28,386.00)
25 (CO 2)	SANTA CLARA ROAD CASING RESIZING TO 42" SPLIT STEEL CASING *					153	LF	$ 83.00	$ 12,699.00	153	LF	$ 83.00	$ 12,699.00
26 (CO 2)	SANTA CLARA ROAD CASING RESIZING TO 42" SPLIT STEEL CASING ADDITIONAL LABOR AND EQUIPMENT					1	EA	$ 3,533.40	$ 3,533.40	1	EA	$ 3,533.40	$ 3,533.40
27 (CO 2)	SANTA CLARA ROAD CASING SPACER RESIZING*					49	EA	$ 179.14	$ 8,777.86	49	EA	$ 179.14	$ 8,777.86
28 (CO 2)	SANTA CLARA ROAD ADDITIONAL TRENCH PROTECTION					153	LF	$ 7.95	$ 1,216.35	153	LF	$ 7.95	$ 1,216.35
29 (CO 2)	SANTA CLARA ROAD ADDITIONAL SPOILS					153	LF	$ 1.90	$ 290.70	153	LF	$ 1.90	$ 290.70
30 (CO 2)	SANTA CLARA ROAD ADDITIONAL TRENCH PLATTING					1	EA	$ 2,487.00	$ 2,487.00	1	EA	$ 2,487.00	$ 2,487.00
31 (CO 2)	SANTA CLARA ROAD DETOUR/TRAFFIC CONTROL					1	Month	$ 31,058.00	$ 31,058.00	1	Month	$ 31,058.00	$ 31,058.00
32 (SUP No. 2)	MOBILIZATION									1	EA	$ 95,000.00	$ 95,000.00
33 (SUP No. 2)	TRENCH PROTECTION PLAN AND IMPLEMENTATION									488	LF	$ 5.00	$ 2,440.00
34 (SUP No. 2)	BORE PIT EXCAVATION PLAN AND IMPLEMENTATION									50	LF	$ 250.00	$ 12,500.00
35 (SUP No. 2)	HYDROSTATIC TESTING & PIPE DISINFECTION									1	EA	$ 10,000.00	$ 10,000.00
36 (SUP No. 2)	MATERIAL TESTING									1	EA	$ 5,000.00	$ 5,000.00
37 (SUP No. 2)	TRAFFIC CONTROL									120	DAY	$ 175.00	$ 21,000.00
38 (SUP No. 2)	SITE PREPARATION									488	LF	$ 50.00	$ 24,400.00
39 (SUP No. 2)	ABANDON EX. STL CASING (REMOVE 30" AND FLOWABLE FILL CASING PIPE)									252	LF	$ 300.00	$ 75,600.00
40 (SUP No. 2)	ABANDON EX. 30" (REMOVE CARRIER/CASING)									168	LF	$ 200.00	$ 33,600.00
41 (SUP No. 2)	REMOVE AND DISPOSE OF EX. ROCK RIP RAP AND INSTALL CONCRETE ROCK RIP RAP									48	SY	$ 500.00	$ 24,000.00
42 (SUP No. 2)	SITE RESTORATION, FINAL GRADE, AND REVEGETATION									8,200	SF	$ 2.00	$ 16,400.00
43 (SUP No. 2)	30" DI CL 250 WATER MAIN									488	LF	$ 550.00	$ 268,400.00
44 (SUP No. 2)	48" STEEL CASING (JACK & BORE)									420	LF	$ 1,450.00	$ 609,000.00
45 (SUP No. 2)	CONNECTION TO EXISTING 30" LINE									2	EA	$ 35,000.00	$ 70,000.00
46 (SUP No. 2)	DUCTILE IRON FITTINGS									2.5	TON	$ 25,000.00	$ 62,500.00
47 (SUP No. 2)	4" TEMPORARY BLOW-OFF									1	EA	$ 7,500.00	$ 7,500.00
48 (SUP No. 2)	REMOVE AND REPLACE BARBED WIRE FENCE									30	LF	$ 40.00	$ 1,200.00
49 (SUP No. 2)	SILT FENCE									268	LF	$ 7.50	$ 2,010.00
50 (SUP No. 2)	STABILIZED CONSTRUCTION ENTRANCE									2	EA	$ 2,750.00	$ 5,500.00

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CRWA REIMBURSABLE CONSTRUCTION COST TOTAL					**$ 351,555.00**				**$ 541,424.21**						**$ 1,887,474.21**
	PROJECT ENGINEER/MANAGER	50	HR	$ 135.00	$ 6,750.00	50	HR	$ 135.00	$ 6,750.00	50	HR	$ 135.00	$ 6,750.00		
	GRADUATE ENGINEER	78	HR	$ 100.00	$ 7,800.00	78	HR	$ 100.00	$ 7,800.00	78	HR	$ 100.00	$ 7,800.00		
	DESIGN TECHNICIAN	78	HR	$ 85.00	$ 6,630.00	78	HR	$ 85.00	$ 6,630.00	78	HR	$ 85.00	$ 6,630.00		
	ADMINISTRATIVE	20	HR	$ 45.00	$ 900.00	20	HR	$ 45.00	$ 900.00	20	HR	$ 45.00	$ 900.00		
	SUB-CONSULTANT	9.6	HR	$ 250.00	$ 2,400.00	9.6	HR	$ 250.00	$ 2,400.00	9.6	HR	$ 250.00	$ 2,400.00		
	PRINCIPAL									10	HR	$ 195.00	$ 1,950.00		
	PROJECT ENGINEER/MANAGER									142	HR	$ 165.00	$ 23,430.00		
	GRADUATE ENGINEER									124	HR	$ 110.00	$ 13,640.00		
	DESIGN TECHNICIAN									184	HR	$ 90.00	$ 16,560.00		
	CONSTRUCTION COORDINATOR									80	HR	$ 125.00	$ 10,000.00		
	ADMINISTRATIVE									20	HR	$ 55.00	$ 1,100.00		
	ROW AGENT ADMIN & DIRECT EXPENSES (PARCEL)									2	EA	$ 1,155.00	$ 2,310.00		
	ROW AGENT TITLE SERVICES (PARCEL)									2	EA	$ 693.00	$ 1,386.00		
	ROW AGENT RIGHT OF ENTRY (PARCEL)									2	EA	$ 715.00	$ 1,430.00		
	ROW AGENT APPRAISAL SERVICES (PARCEL)									2	EA	$ 4,070.00	$ 8,140.00		
	ROW AGENT NEGOTIATION (PARCEL)									2	EA	$ 2,530.00	$ 5,060.00		
	ROW AGENT CURATIVE/CLOSING (PARCEL)									2	EA	$ 522.50	$ 1,045.00		
	SUB-CONSULTANT-SURVEY EXISTING									1	EA	$ 4,950.00	$ 4,950.00		
	SUB-CONSULTANT-SURVEY (PARCEL)									2	EA	$ 825.00	$ 1,650.00		
	TEMPORARY CONSTRUCTION EASEMENT									1000	SF	$ 1.25	$ 1,250.00		
	PERMANENT UTILITY EASEMENT									763	SF	$ 5.00	$ 3,815.00		
CRWA REIMBURSABLE ENGINEERING COST TOTAL					**$ 24,480.00**				**$ 24,480.00**						**$ 122,196.00**
TOTAL CRWA REIMBURSABLE PROJECT					**$ 376,035.00**				**$ 565,904.21**						**$ 2,009,670.21**
Joint Bid 01	TRAFFIC CONTROL ASSISTANCE & CLEANUP (LABOR)					1	DAY	$ 10,053.54	$ 10,053.54	1	DAY	$ 10,053.54	$ 10,053.54		
Joint Bid 01	TRAFFIC CONTROL ASSISTANCE & CLEANUP (EQUIPMENT)					1	DAY	$ 3,856.64	$ 3,856.64	1	DAY	$ 3,856.64	$ 3,856.64		
Joint Bid 02	RAM 2 SCOPE - EXCAVATE BORE PITS, BORE, INSTALL CASING PIPE (MATERIALS & EQUIPMENT)					1	EA	$ 103,472.00	$ 103,472.00	1	EA	$ 103,472.00	$ 103,472.00		
Joint Bid 02	RAM 2 SCOPE - EXCAVATE BORE PITS, BORE, INSTALL CASING PIPE (LABOR)					2	DAY	$ 2,254.00	$ 4,508.00	2	DAY	$ 2,254.00	$ 4,508.00		
Joint Bid 02	RAM 2 SCOPE - EXCAVATE BORE PITS, BORE, INSTALL CASING PIPE (OVERHEAD - 5%)					1	EA	$ 6,532.79	$ 6,532.79	1	EA	$ 6,532.79	$ 6,532.79		
For Joint Bid Items, See Attached Cost Summary for Breakdown)															
TOTAL JOINT BID ITEMS									**$ 128,422.97**						**$ 128,422.97**
TOTAL PROJECT INCLUDING JOINT BID ITEMS					**$ 376,035.00**				**$ 694,327.18**						**$ 2,138,093.18**

Notes:

*All material items that must meet Buy America or Steel and Iron Preference Provision requirements are indicated with an asterisk (*)

Items highlighted in blue will be Joint Bid with TxDOT and Webber

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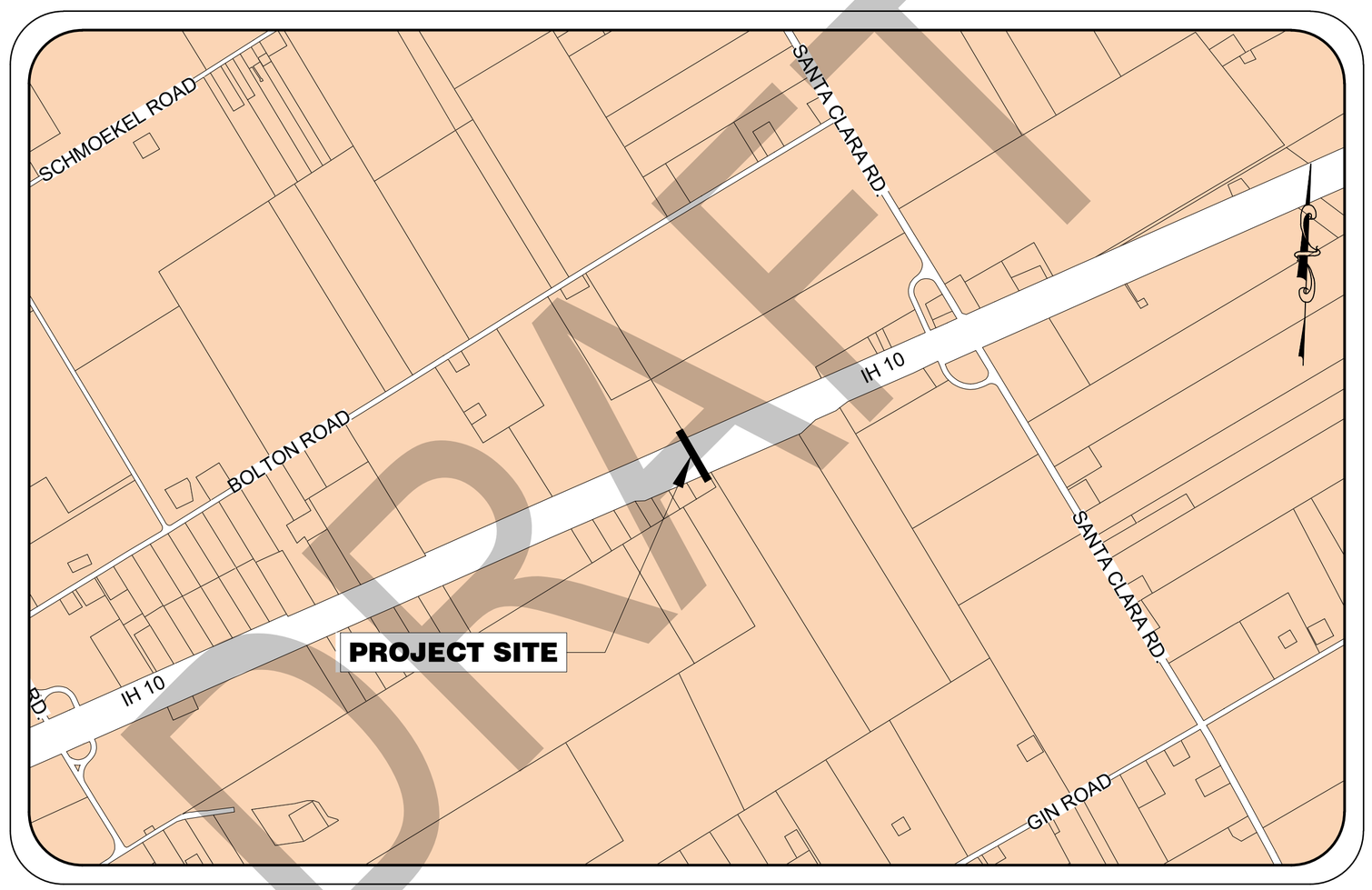


CONSTRUCTION PLANS FOR
CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT

100% DESIGN REVIEW SET

CANYON REGIONAL water authority

GENERAL MANAGER
KERRY AVERYT



LOCATION MAP
N.T.S.

Sheet List Table	
Sheet Number	Sheet Title
GENERAL	
G-1	COVER SHEET
G-2	GENERAL NOTES
DEMO	
DM-1	ABANDONMENT PLAN
WATER MAIN	
W-1	PROPOSED IH10 CROSSING PLAN & PROFILE
EROSION CONTROL	
EC-1	SWPPP NOTES AND DETAILS
EC-2	EROSION CONTROL PLAN
DETAILS	
D-1	WATER DETAILS SHEET 1
D-2	WATER DETAILS SHEET 2
D-3	WATER DETAILS SHEET 3

UTILITY ENGINEERING GROUP PLLC
191 N. Union Ave NEW BRAUNFELS, TEXAS 78130 PH: (830) 214-0521
Texas Engineering Firm F-18712

DAVID A. KNEUPER P.E.
LICENSE NO. 96676
August 13, 2025

PRELIMINARY FOR REVIEW ONLY

THESE DOCUMENTS ARE FOR DESIGN REVIEW ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMITTING PURPOSES. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF:

DAVID A. KNEUPER
TYPE OR PRINT NAME

96676 — PE#
8/13/25 — DATE

UTILITY ENGINEERING GROUP, PLLC.
191 UNION AVE.
NEW BRAUNFELS, TEXAS 78130

Texas 811
Know what's below.
Call before you dig.

JOB NO. 6084-11 TXDOT IH10 CRWA CHANNEL D CONFLICT
CANYON REGIONAL WATER AUTHORITY

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General Notes:

1. Contractor to warrant all materials and workmanship after final acceptance by Canyon Regional Water Authority (CRWA) (MINIMUM 1 YEAR).
2. General Contractor shall call for all utility locates prior to any construction.
3. All construction shall be in accordance with the latest CRWA Standard Specifications. CRWA standards shall be used unless otherwise noted.
4. Prior to CRWA acceptance of all improvements, all graded and disturbed areas are to be re-vegetated in accordance with CRWA Specification unless another re-vegetation specification is specifically identified in the plans and/or bid form. When appropriate the Project Engineer, may require native grasses to be used.
5. The Contractor shall provide CRWA copies of all test results prior to acceptance of this project.
6. CRWA, owner, engineer, contractor, representatives of all utility companies, and a representative from the testing lab shall attend pre-construction conference prior to start of construction. The contractor shall schedule the meeting with CRWA 48 hours prior to this pre-construction meeting (830-609-0543).
7. Excess soil shall be removed at the contractor's expense. Notify the appropriate authorities for approval if the disposal site is inside a City's jurisdictional boundaries.
8. Burning is prohibited.
9. No blasting is allowed on this project.
10. Any changes or revisions to these plans must first be submitted to CRWA by the design engineer for review and written approval.
11. The Contractor will reimburse CRWA for all cost incurred as a result of any damage to any CRWA utility by the Contractor, regardless of these plans.
12. An engineer's concurrence letter and electronic 22"x34" record drawings shall be submitted to the GIS Department prior to the issuance of final acceptance. The Engineer and Contractor shall verify that all final revisions and changes have been made to record drawings prior to CRWA submittal. Record construction drawings, including roadway and all utilities, shall be provided to CRWA in AutoCad ".dwg" files and ".PDF" format on a CD, DVD, or USB Flash Drive. Line weights, line types and text size shall be such that if half-size prints (11"x 17") were produced, the plans would still be legible. Engineer shall provide an as-built survey. All required digital files shall contain a minimum of two (2) control points referenced to the State Plane Grid Coordinate System - Texas Central Zone (4203), in US feet and shall include rotation information and scale factor required to reduce surface coordinates to grid coordinates in US feet. Refer to CRWA CAD Deliverable standards for more details.
13. All responsibility for the adequacy of these plans remains with the engineer who prepared them. in reviewing these plans, CRWA must rely on the adequacy of the work of the design engineer.
14. A traffic control plan, in accordance with the Texas Manual on Uniform Traffic Control Devices, shall be submitted to CRWA for review and approval prior to any partial or complete roadway closures.
15. The contractor shall keep the site clean and maintained at all times, to the satisfaction of CRWA. This project will not be accepted until the site has been cleaned and re-vegetated to the satisfaction of CRWA.
16. Signs are not permitted in Public Utility Easements, Set Backs or Drainage Easements.
17. Inspect temporary erosion controls on a daily basis. Adjust the controls and/or remove any sediment buildup as necessary.
18. Contractor will be responsible for keeping roads and drives adjacent to and near the site free from soil, sediment and debris. Contractor will not remove soil, sediment or debris from any area or vehicle by means of water, only shoveling and sweeping will be allowed. Contractor will be responsible for dust control from the site.
19. The Contractor shall be responsible for all damage to private property, which occurred as a result of any portion of this project. Any damage to private property shall be repaired to equal or better condition. The Contractor shall coordinate all repairs to private property with the property owner. Contractor shall pay and/or settle with private property owner for all costs related to any damage. CRWA will not provide separate pay for repair of any damages, reimbursements or settlements.
20. Contractor shall provide the services of CRWA's approved SCADA consultant and controls instrumentation consultant. (When applicable to SCADA) The cost of the consultant and/or any equipment shall be subsidiary to the cost of the project (no separate pay) unless specifically identified on the bid form.
21. The contractor shall make applications to the local service provider for electric service if new service is required. CRWA will assume the service upon acceptance of the project (if required). The contractor will pay for electric power until the meter is transferred to CRWA. Impact fees and Application Fees required by electric company will be the responsibility of the Contractor unless specifically identified in the contract.
22. The contractor shall provide combination locks for all gates, hatches, vaults, and MCC boxes. Each lock shall be pre-approved and set to CRWA's requirements. (No separate pay)
23. All work on these plans shall be performed. Pay for work shown on these plans, which are not identified in the contract, shall be considered incidental to the items specifically identified for payment.
24. The contractor shall provide a competent and qualified superintendent to supervise all work. The superintendent shall be present during all construction activities.
25. Any survey monuments damaged or moved as a result of this project shall be replaced to equal or better condition. A Texas Registered Land Surveyor shall oversee the replacement and certify the replacement for its intended use. No separate pay will be provided.
26. Adequate drainage conditions shall be maintained at all times.
27. Any tree removed or damaged by this project, which is not specifically identified to be removed by the plans, will be replaced according to the requirements of CRWA. No separate pay will be provided.
28. The contractor shall uncover all utilities within the limits of construction and verify their horizontal and vertical location prior to any construction activities. The contractor shall notify CRWA and the Project Engineer, IN WRITING, of any conflicts prior to any other construction including but not limited to exact locations of conflicts with proposed or existing utilities. No additional pay unless specifically identified for payment in the contract documents. The contractor shall also make his own sub-surface investigation prior to bid.
29. Only stainless steel casing spacers are allowed in encasement pipe(s).
30. No separate pay will be given to de-water trenches or other excavated areas.
31. Soil material imported for re-vegetation of disturbed areas shall be approved by CRWA prior to placement. A sample (submittal) is required. Sandy-loam and/or soils with high clay content will not be accepted.
32. The contractor shall perform pumping stations start-up independently: prior to requesting witness or acceptance by CRWA. When a final start-up fails to be complete and acceptable and when CRWA personnel are present at start-up, each additional start-up will be charged to the contractor, as liquidated damages, $500.00 per additional meeting.
33. Shutout of any customers of CRWA's utility due to tie-ins shall only be scheduled for nighttime work unless approved by CRWA. CRWA's field representative shall coordinate and inspect all nighttime shutouts and tie-ins. The contractor shall request shutouts two weeks in advance. Shutouts will only be allowed in the following times and are subject to approval by CRWA: 10 PM - 6 AM; beginning on Tuesday, Wednesday or Thursday night(s). No extra time will be granted to the contract for unscheduled work in the time period allowed or due to requests outside the approved time periods.
34. All construction and construction related activities shall be performed Monday thru Friday from 7:00 A.M. to 6:00 P.M. However, construction activities within five hundred feet (500') of a dwelling or dwelling unit shall be performed between the hours of 8:00 a.m. and 6:00 p.m.
35. Approval for construction activities performed on Owner's Holidays and/or Saturdays shall be obtained in writing 48 hours in advance, and inspection fees at 1.5 times the hourly inspection rate shall be billed directly to the contractor. There shall be no construction or construction related activities performed on Sunday. CRWA reserves the right to require the contractor to uncover all work performed without CRWA inspection.
36. ENGINEER'S STATUS AND AUTHORITY. It is mutually agreed by and between the parties to this contract that the engineer shall have general supervision and direction of the work included herein. In order to prevent delays and disputes and to discourage litigation it is further agreed by and between the parties of this contract that the engineer shall in all cases determine the amounts and quantities of the several kinds of work which are to be paid for under the contract; that he shall determine all questions in relation to said work and the construction thereof, that he shall in all cases decide every question which may arise relative to the execution of the contract on the part of the contractor, that his decisions and findings shall be the conditions precedent to the right of the parties hereto to arbitration or to any action on the contract and to the rights of the contractor to receive any money under this contract; provided, however, that should the engineer render any decision or give any direction which in the opinion of either party hereto is not in accordance with the meaning and intent of this contract, either party may file with the engineer within 30 days a written objection to the decision or direction so rendered. It is the intent of this agreement that there shall be no delay in the execution of the work, and the decision or directions of the engineer as rendered shall be promptly carried out.
37. OWNER'S INSPECTORS. It is agreed by the contractor that the owner shall appoint such engineer, supervisors, or inspectors as the said owner may deem necessary to inspect the material furnished and the work done under this contract, to see that the said material is furnished, and to see that said work is done in accordance with the plans and specifications therefore. The contractor shall furnish all reasonable aid and assistance required by the engineer, supervisors, or inspectors for the proper inspection and examination of the work and all parts thereof. The contractor shall regard and comply with the directions and instructions of the engineer, supervisors, or inspectors so appointed when such directions and instructions are consistent with the obligations of this contract.

Water Notes:

1. All workmanship and materials for the water system shall conform to the constructions standards of CRWA.
2. Water pipe shall be Ductile Iron, pressure class 235. (Unless specifically identified on plan sheets) services shall be type "K" soft copper. All fittings shall be domestic ductile iron mechanical joint. Valves that are attached to tees by foster adaptor or anchor nipple. Foster adapter, anchor nipple or Ford uni-flange retainer glands and thrust blocks shall be used on all fittings and valves. Water mains shall have an absolute minimum 42" depth under street and 48" in all other areas. All waterlines must be bedded; all bedding material shall be a " pit run or screen field sand. Submittal approval by CRWA. A tracer wire shall be installed on the pipe line and brought up into valve boxs for locate purposes and 12" wide tracer tape 1 ft above the pipe.
3. The top of valve stems shall be at least 18", and no more than 36", below finished grade. Valve stem risers shall be welded on each end to CRWA's satisfaction.
4. Fire hydrant leads to be ductile iron, Class 350, and installed per CRWA standard specifications and CRWA detail.
5. The contractor shall provide cuts for all water lines and fire hydrant bury lines in accordance with the contract.
6. Approved 5 ¼" fire hydrants:
   - Mueller Company, Super Centurion 250
   - Blue reflector markers shall be located on the centerline of the pavement across from all fire hydrants. Pavement markers at intersections shall be four-sided.
7. Valves shall be AWWA approved resilient seated gate valve open left and limited to those manufactured by Mueller or American Flow. Contractor shall install valves as to not to interfere with curb or wheelchair ramps. No water meter services may be set in wheel chair ramps
8. If Tapping Saddles are required, they should be Smith-Blair 662 Stainless Steel Tapping Sleeves, or approved equal. Requests for alternate providers shall be made to CRWA.
9. Service taps to be made with single brass strap tapping saddle with iron pipe threads. All should be 1" even single services.
10. All service crossings to be encased with no less than 3" PVC glued type pipe. 2" crossings to be 2" yellow mine certa lock with harco fittings.
11. All water lines, including service lines, shall be pressure and leak tested per CRWA Standard Specifications and witnessed by CRWA representative. All failed tests shall be the fiscal responsibility of the contractor, and the contractor may be required to re-test lines if the testing is not witnessed by CRWA. Contractor must notify CRWA 48 hours prior to any testing.
12. All water lines shall be sterilized and bacteriologically tested in accordance with CRWA Standards. The contractor is responsible for sterilization and CRWA is responsible for submitting bacteriological samples to the State unless otherwise approved by CRWA.
13. Contractor shall chlorinate new mains with HTH; the contractor shall coordinate with the district inspector to witness chlorinating of new mains and pressure test. Acceptable test results must be provided to the district.
14. All water valve risers not in pavement shall be set in concrete in accordance with CRWA's specifications and details.
15. Density testing of compacted backfill shall be made at a rate of one test per two foot lifts per 500 feet of installed pipe unless otherwise approved by the Project Engineer.
16. Contractor to obtain a water meter from CRWA for any water that may be required during construction. (830) 609-0543
17. Manhole frames and covers and water valve boxes shall be raised to finished pavement grade at the contractor's expense with CRWA inspection. All utility adjustments shall be completed prior to final paving construction.
18. The location of any existing utility lines shown on these plans is the best available and may not be totally accurate. Any damage to existing utility lines, both known and unknown shall be repaired at the expense of the contractor. The Engineer and/or CRWA make no guarantee or warranty to the accuracy of these plans. The contractor shall make his own sub-surface investigation prior to bid. The contractor shall uncover all utilities within the limits of construction and verify their horizontal and vertical location prior to any construction activities.
19. All iron pipe and fittings shall be wrapped with at least 8-mil polyethylene wrap in accordance with CRWA specification. All metallic pipe shall be cathodically protected.
20. All water mains and service lines shall meet CRWA Specifications for minimum cover requirements. All streets are to be cut to subgrade prior to installation of water mains.
21. CRWA to be given 48 hours notice prior to all testing of water lines. CRWA inspection is required for all testing of water lines.
22. Where a water or wastewater line crosses above (or below) a storm sewer structure and the bottom (or top) of the pipe is within 18 inches of the top (or bottom) of the utility structure, the pipe shall be encased with concrete for a distance of at least 1 ft. on either side of the ditch line of the utility structure or the storm sewer. Concrete encasement may not be required for ductile iron (thickness Class 50), AWWA C-900 (SDR-14) 200 psi rated PVC in sizes to 12 inches or AWWA C-905 (SDR-25) 165 psi rated PVC in sizes larger than 12 inches. Concrete encasement shall conform to CRWA standard detail. This note does not allow for pipe that would otherwise have a higher maximum operating pressure.
23. Contractor to notify CRWA 48 hours prior to connecting to existing utilities. Inspection is required.
24. All water pipe, fittings, and valves shall be laid in sand embedment. the sand shall fully encase all pipes including fittings and valves a minimum of twelve (12) inches. All fittings and valves are to receive thrust blocking and foster adapter, anchor nipple, Ford uni-flan retainer gland joint restraints. Bell joint restraints specified by CRWA staff or the Project Engineer. All pipe bedding material shall conform to CRWA Standard Specifications.
25. Tracer tape shall be installed on all water and wastewater mains in accordance with CRWA Standards regardless of the type of pipe or depth of pipe installed.
26. Unless otherwise specified by the Engineer all concrete is to be Class "A" (5 sack, 3000 psi ~ 28-days), and all reinforcing steel to be ASTM A615 60.
27. CRWA considers protection of its water system paramount to construction activities. CRWA personnel will operate, or authorize the contractor to operate, all water valves that will pass through CRWA's potable water. The contractor may not operate any water valve, existing or proposed, that will allow water from CRWA's water system to flow to a proposed or existing water system without the express consent of CRWA. Notify CRWA two business days in advance of any request to operate a water valve. The general contractor may be fined $500 or more, including additional theft of water fines, if a water valve is operated in an unauthorized manner, regardless of who operated the valve.
28. All water pipe and appurtenances larger than 12" shall have a maximum operating pressure greater than 250 psi unless specifically identified on the bid form.
29. All potable water system components installed after January 4, 2014, shall be "lead free" according to the United States Safe Drinking Water Act. The only components exempt from this requirement are fire hydrants. Components that are not clearly identified by the manufacturer as meeting this requirement by marking, or on the product packaging, or by pre-approved submittal, will be rejected for use. A NSF certification will be adequate if the certification has not expired as of January 4, 2014 and remains unexpired at the time of construction.
30. All pressure pipe shall have mechanical restraint and concrete thrust blocking at all valves, bends, tees, plugs, and other fittings.
31. Meter box single- DFW36C 16XL L" plastic meter box with rebar,amr and knock out. Meter box double-DFW38C L 7XL 5" dual plastic meter box with rebar,arm and knock out.
25. The ford u branch to be used on all dual services (U48-43Q) with the 5/8x3/4 female thread angle head. all other angle heads will be the ford q nut. au corp. stops will be IPS x Q NUT. No CC threaded corps will be accepted.
26. No trees may be planted in the areas designated as water or utility easements, or areas where water mains and water service crossings exist or planned to be constructed.

TRAFFIC MARKING NOTES:

1. Any methods, street markings and signage necessary for warning motorists, warning pedestrians or diverting traffic during construction shall conform to the Texas Manual of Uniform Traffic Control Devices for Streets and Highways, latest edition.
2. All pavement markings, markers, paint, traffic buttons, traffic controls and signs shall be installed in accordance with the Texas Department of Transportation Standard Specifications for Construction of Highways, Streets and Bridges and, the Texas Manual of Uniform Traffic Control Devices for Streets and Highways, latest editions.

EROSION AND SEDIMENTATION CONTROL NOTES:

1. Erosion control measures, site work and restoration work shall be in accordance with the plans and specifications.
2. All slopes shall be sodded or seeded with approved grass, grass mixtures or ground cover suitable to the area and season in which they are applied.
3. Silt fences, rock berms, sedimentation basins and similarly recognized techniques and materials shall be employed during construction to prevent point source sedimentation loading of downstream facilities. Such installation shall be regularly inspected by CRWA for effectiveness. Additional measures may be required if, in the opinion of the project engineer, they are warranted.
4. All temporary erosion control measures shall not be removed until final inspection and approval of the project by the project engineer. It shall be the responsibility of the contractor to maintain all temporary erosion control structures and to remove each structure as approved by the project engineer.
5. All mud, dirt, rocks, debris, etc., spilled, tracked or otherwise deposited on existing paved streets, drives and areas used by the public shall be cleaned up immediately.

BENCHMARKS:

159	13735911	2239900	616.251	BMO H CS IN UP
230	13735817	2239562	615.931	CPPK 230
235	13735846	2239848	615.15	CPCS

SEQUENCE OF CONSTRUCTION:

1. Contractor to attend Pre-construction meeting.
2. Notify TxDOT at least 48 hours prior to beginning construction.
3. Installation of construction entrance.
4. Clearing & grubbing only as necessary for installation of perimeter controls.
5. Contractor to install construction staking.
6. Installation of perimeter controls (e.g. silt fence).
7. Clearing & grubbing only in areas of permanent easement.
8. Installation of water main, encasement, and installation of appurtenances (water main must be completely installed as shown on the details before proceeding to the next step).
9. Complete all testing as required by the contract.
10. Removal of temporary sediment & erosion control measures after revegetation is established.
11. Prepare as-built markups of all water mains, bends, and valves. Then submit to CRWA for acceptance.
12. Submit for final payment.

TCEQ WATER DISTRIBUTION SYSTEM GENERAL CONSTRUCTION NOTES

1. This water distribution system must be constructed in accordance with the current texas commission on environmental quality (tceq) rules and regulations for public water systems 30 texas administrative code (tac) chapter 290 subchapter d. When conflicts are noted with local standards, the more stringent requirement shall be applied. construction for public water systems must always, at a minimum, meet tceq's "rules and regulations for public water systems.
2. An appointed engineer shall notify in writing the local tceq's regional office when construction will start. Please keep in mind that upon completion of the water works project, the engineer or owner shall notify the commission's water supply division, in writing, as to its completion and attest to the fact that the work has been completed essentially according to the plans and change orders on file with the commission as required in 30 tac §290.39(h)(3).
3. All newly installed pipes and related products must conform to american national standards institute (ansi)/nsf international standard 61 and must be certified by an organization accredited by ansi, as required by 30 tac §290.44(a)(1).
4. Plastic pipe for use in public water systems must bear the nsf international seal of approval (nsf-pw) and have an astm design pressure rating of at least 150 psi or a standard dimension ratio of 26 or less, as required by 30 tac §290.44(a)(2).
5. No pipe which has been used for any purpose other than the conveyance of drinking water shall be accepted or relocated for use in any public drinking water supply, as required by 30 tac §290.44(a)(3).
6. Water transmission and distribution lines shall be installed in accordance with the manufacturer's instructions. However, the top of the water line must be located below the frost line and in no case shall the top of the water line be less than 24 inches below ground surface, as required by 30 tac §290.44(a)(4).
7. Pursuant to 30 tac §290.44(a)(5), the hydrostatic leakage rate shall not exceed the amount allowed or recommended by the most current awwa formulas for pvc pipe, cast iron and ductile iron pipe. Include the formulas in the notes on the plans.
   - The hydrostatic leakage rate for polyvinyl chloride (pvc) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in america water works association (awwa) c-605 as required in 30 tac §290.44(a)(5). Please ensure that the formula for this calculation is correct and most current formula is in use;

   $$Q = \frac{LD\sqrt{P}}{148{,}000}$$

   Where:
   - Q = the quantity of makeup water in gallons per hour,
   - L = the length of the pipe section being tested, in feet,
   - D = the nominal diameter of the pipe in inches, and
   - P = the average test pressure during the hydrostatic test in pounds per square inch (psi).

   - The hydrostatic leakage rate for ductile iron (di) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in america water works association (awwa) c-600 as required in 30 tac §290.44(a)(5). Please ensure that the formula for this calculation is correct and most current formula is in use;

   $$L = \frac{SD\sqrt{P}}{148{,}000}$$

   Where:
   - L = the quantity of makeup water in gallons per hour,
   - S = the length of the pipe section being tested, in feet,
   - D = the nominal diameter of the pipe in inches, and
   - P = the average test pressure during the hydrostatic test in pounds per square inch (psi).
8. The maximum allowable lead content of pipes, pipe fittings, plumbing fittings, and fixtures to 0.25 percent.
9. The system must be designed to maintain a minimum pressure of 35 psi at all points within the distribution network at flow rates of at least 1.5 gallons per minute per connection. When the system is intended to provide firefighting capability, it must also be designed to maintain a minimum pressure of 20 psi under combined fire and drinking water flow conditions as required by 30 tac §290.44(d).
10. The contractor shall install appropriate air release devices in the distribution system at all points where topography or other factors may create air locks in the lines. All vent openings to the atmosphere shall be covered with 16-mesh or finer, corrosion resistant screening material or an acceptable equivalent as required by 30 tac §290.44(d)(1).
11. Pursuant to 30 tac §290.44(d)(4), accurate water meters shall be provided. Service connections and meter locations should be shown on the plans.
12. Pursuant to 30 tac §290.44(d)(5), sufficient valves and blowoffs to make repairs. The engineering report shall establish criteria for this design.
13. Pursuant to 30 tac §290.44(d)(6), the system shall be designed to afford effective circulation of water with a minimum of dead ends. All dead-end mains shall be provided with acceptable flush valves and discharge piping. All dead-end lines less than two inches in diameter will not require flush valves if they end at a customer service. Where dead ends are necessary as a stage in the growth of the system, they shall be located and arranged to ultimately connect the ends to provide circulation.
14. The contractor shall maintain a minimum separation distance in all directions of nine feet between the proposed waterline and wastewater collection facilities including manholes and septic tank drainfields. If this distance cannot be maintained, the contractor must immediately notify the project engineer for further direction. separation distances, installation methods, and materials utilized must meet 30 tac §290.44(e)(1-4) of the current rules.
15. Pursuant to 30 tac §290.44(e)(5), the separation distance from a potable waterline to a wastewater main or lateral manhole or cleanout shall be a minimum of nine feet. Where the nine-foot separation distance cannot be achieved, the potable waterline shall be encased in a joint of at least 150 psi pressure class pipe at least 18 feet long and two nominal sizes larger than the new conveyance. The space around the carrier pipe shall be supported at five-foot intervals with spacers or be filled to the springline with washed sand. the encasement pipe shall be centered on the crossing and both ends sealed with cement grout or manufactured sealant.
16. Pursuant to 30 tac §290.44(e)(6), fire hydrants shall not be installed within nine feet vertically or horizontally of any wastewater line, wastewater lateral, or wastewater service line regardless of construction.
17. Pursuant to 30 tac §290.44(e)(7), suction mains to pumping equipment shall not cross wastewater mains, wastewater laterals, or wastewater service lines. raw water supply lines shall not be installed within five feet of any tile or concrete wastewater main, wastewater lateral, or wastewater service line.
18. Pursuant to 30 tac §290.44(e)(8), waterlines shall not be installed closer than ten feet to septic tank drainfields.
19. Pursuant to 30 tac §290.44(f)(1), the contractor shall not place the pipe in water or where it can be flooded with water or sewage during its storage or installation.
20. Pursuant to 30 tac §290.44(f)(2), when waterlines are laid under any flowing or intermittent stream or semi-permanent body of water the water main shall be installed in a separate watertight pipe encasement. Valves must be provided on each side of the crossing with facilities to allow the underwater portion of the system to be isolated and tested.
21. The contractor shall disinfect the new water mains in accordance with awwa standard c-651 and then flush and sample the lines before being placed into service. Samples shall be collected for microbiological analysis to check the effectiveness of the disinfection procedure which shall be repeated if contamination persists. A minimum of one sample for each 1,000 feet of completed water line will be required or at the next available sampling point beyond 1,000 feet as designated by the design engineer, in accordance with 30 tac §290.44(f)(3).

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DAVID A. KNEUPER
TYPE OR PRINT NAME

96676 — PE#
8/13/25 — DATE

UTILITY ENGINEERING GROUP PLLC
TBPELS Firm #10193823 | TEXAS (830) 214-0267
Texas Engineering Firm F-18122

CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT
100% DESIGN REVIEW SET

GENERAL NOTES

NO.	REVISIONS	APPD.	DATE

SCALE:
DATE:
PROJECT NO: 6084-11
DESIGNED BY: BK
DRAWN BY: BK
CHECKED BY: DK
SHEET NO.
G-2
OF 9 SHEETS

DRAFT

FILE: E:\Projects\6084_CRWA\11 – Conflict at Channel D\CAD\Sheets\GENERAL NOTES.dwg TAB: GENERAL NOTES PLOTTED: 8/13/2025, 3:56 PM BY: DUSTINM

CUT AND CAP
EX 30" WATER MAIN
STA: 1879+03.65
OFFSET: -160' L

END PIPE REMOVAL
IN TX-DOT ROW
IH-10 MAIN LANES
STA=1879+03.65
OFFSET: -160'
N=13736277.5674
E=2239690.7094

PROP. VARIABLE EASEMENT

EXISTING 30' CRWA EASEMENT
(Vol. 4186, Pg. 338)
(Vol. 4277, Pg. 337)
(Vol. 9, Pg. 162-163)

ROW ROW ROW ROW ROW

EX. ROW

CAUTION EX FIBER LINES

CAUTION EX FIBER LINES

EX. ROW

Back of Curb

Edge of Asphalt/Gutter

CAUTION EX FIBER LINES

REMOVE 47' OF
PIPE AND CASING
FROM ROW TO EDGE
ACCESS RD.

IH 10 FRONTAGE ROAD

Edge of Asphalt (Under Construction)

Natural Ground (Under Construction)

Edge of Concrete raised Highway (Under Construction)

EXISTING CRWA 30" DI
WITH STEEL ENCASEMENT
WATER MAIN 252 LF
(ABANDON CASING IN PLACE,
REMOVE PIPE, & FILL CASING
WITH FLOWABLE FILL)
SEE NOTES THIS SHEET

IH-10 MAIN LANES
STA=1879+04.46
OFFSET: 0'
N=13736131.5161
E=2239756.0003

IH 10

INTERSTATE HIGHWAY 10
(UNDER CONSTRUCTION 12-17-24)

IH 10

EX. 30" CRWA
WATER MAIN

Natural Ground (Under Construction)

Natural Ground (Under Construction)

Edge of Asphalt

IH 10 FRONTAGE RD

Edge of Asphalt/Gutter

Back of Curb

Edge of Asphalt/Gutter

Back of Curb

REMOVE 121' OF
PIPE AND CASING
FROM ROW TO EDGE
ACCESS RD.

CONTRACTOR TO REMOVE
AND DISPOSE OF EXISTING
ROCK RIP RAP. INSTALL
48 SY CONCRETE ROCK RIP RAP.

Asphalt Drive

230
615.931
CPPK 230

Gravel Drive

CAUTION EX FIBER LINES

Gravel Drive

CAUTION EX FIBER LINES

EX. BUTTERFLY VALVE
STA: 1879+00.87

ROW ROW ROW ROW ROW

EXISTING 30' CRWA EASEMENT
(Vol. 2615, Pg. 241)

EX. ROW

BEGIN PIPE REMOVAL
IN TX-DOT ROW
IH-10 MAIN LANES
STA=1879+05.77
OFFSET: 260'
N=13735894.1942
E=2239862.0930

159
616.251
BMO H CS IN UP

EX. FIRE HYDRANT

EX. ROW

EX. 12" GVSUD
WATER MAIN

20' Gate 20' Gate

235 20' Gate
615.150
CPCS

CUT AND CAP
EX 30" WATER MAIN
STA: 1879+05.77
OFFSET: 260' R

EX. 30" CRWA
WATER MAIN

EXISTING 30' CRWA EASEMENT

EXISTING 20' GVSUD EASEMENT
(Vol. 8, Pgs. 466-467)

3' Gate

EX. HORIZONTAL GATE VALVE
STA: 1879+26.67

SCALE: 1" = 30'
0 30 60

LEGEND

- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- EXISTING WATER METER
- GUY WIRE
- FIBER LINE
- UTILITY POLE
- PIPE MARKER
- EASEMENT
- SILT FENCE
- FIBER OPTIC
- EXISTING WATER LINE
- OVERHEAD ELECTRIC
- EXISTING WIRE FENCE
- EXISTING CHAINLINK FENCE
- EXISTING RIGHT-OF-WAY
- EDGE OF PAVEMENT
- CONTOURS
- PROPOSED ROCK RIP RAP
- ABANDON CASING IN PLACE & REMOVE PIPE
- REMOVE WATER MAINS AND CASING IN TXDOT RIGHT OF WAY

NOTES:

1. CONTRACTOR TO FIELD VERIFY DEPTH, LOCATION, MATERIAL TYPE, AND SIZE OF EXISTING WATER LINE.
2. ALL EXISTING WATER LINES TO REMAIN IN SERVICE DURING CONSTRUCTION UNTIL FINAL ACCEPTANCE BY OWNER. EXISTING WATER LINE TO BE ABANDONED IN PLACE AFTER ALL CONNECTIONS ARE MADE. ABANDON VALVES AND FIRE HYDRANTS PER OWNER'S INSTRUCTION.
3. ALL CONSTRUCTION ACTIVITIES TO REMAIN WITHIN THE CRWA PERMANENT & TEMPORARY EASEMENT AND EXISTING RIGHT-OF-WAY.
4. ONCE THE NEW WATER MAIN IS IN PLACE AND ACCEPTED BY CRWA, THE EXISTING WATER MAIN CAN BE ABANDONED.
5. FOR WATER MAINS WITHIN TXDOT RIGHT OF WAY, MAINS TO BE DRAINED,CUT,REMOVED, AND CAPPED ON END AT RIGHT OF WAY.
6. ABANDONED WATER MAIN CASING WITHIN TXDOT RIGHT OF WAY TO BE FILLED WITH FLOWABLE FILL.
7. THE EXISTING STEEL ENCASEMENT PIPE CAN REMAIN IN PLACE UNDER PAVEMENT SECTIONS.
8. ABANDONMENT IN TXDOT RIGHT OF WAY TO BE IN ACCORDANCE WITH TXDOT SPECIFICATIONS.
9. CONTRACTOR IS TO FIELD VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES BEFORE EXCAVATION, CONSTRUCTION, OR BORING BEGINS. ENGINEER OF RECORD IS TO BE NOTIFIED IF UTILITIES ARE LOCATED IN THE FIELD IN LOCATIONS OTHER THAN SHOWN ON PLANS.
10. CONTRACTOR TO SUBMIT TXDOT FORM 1818 TO ENGINEER PRIOR TO INSTALLATION OF ANY STEEL PRODUCT WITHIN TXDOT RIGHT-OF-WAY.
11. ALL MATERIAL INSTALLED WITHIN TXDOT RIGHT-OF-WAY MUST MEET BUY AMERICA OR STEEL AND IRON PREFERENCE PROVISION

PRELIMINARY FOR REVIEW ONLY

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DAVID A. KNEUPER
TYPE OR PRINT NAME

96676 8/13/25
PE# DATE

UTILITY ENGINEERING GROUP PLLC
TBPELS Firm #10193909 | TEXAS 78130 PH: (830) 214-0521
Texas Engineering Firm F-18722

CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT
100% DESIGN REVIEW SET

ABANDONMENT PLAN

NO.	REVISIONS	APPD.	DATE

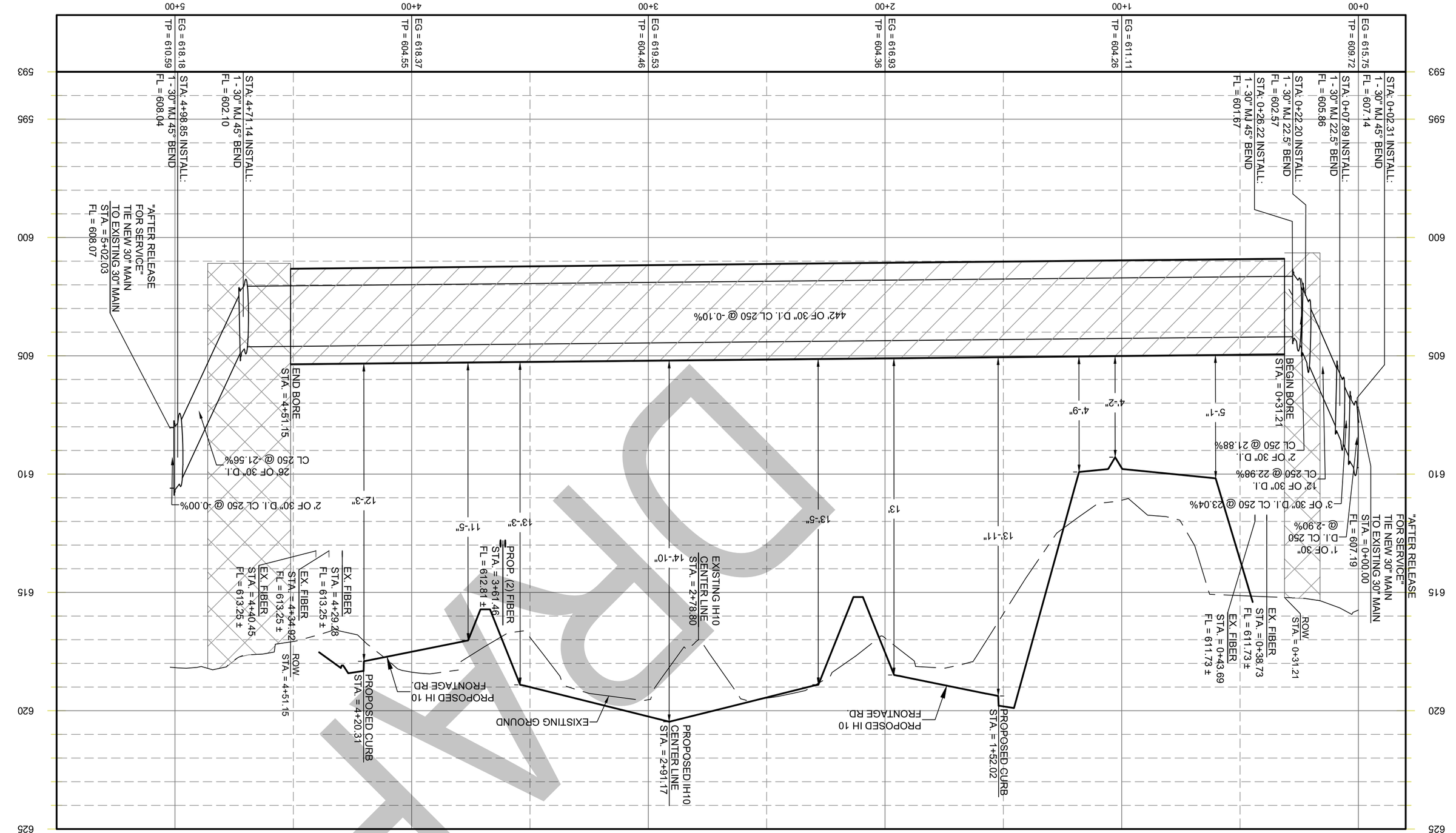
SCALE:
DATE:
PROJECT NO:5084-11
DESIGNED BY:BK
DRAWN BY: BK
CHECKED BY:DK
SHEET NO.
DM-1
OF # SHEETS

DRAFT

FILE: P:\Projects\5084_CRWA\11 – Conflict at Channel_D\CAD\Sheets\ABANDONMENT PLAN1.dwg TAB: ABANDONMENT PLAN PLOTTED: 8/13/2025 3:57 PM BY: DUSTINM

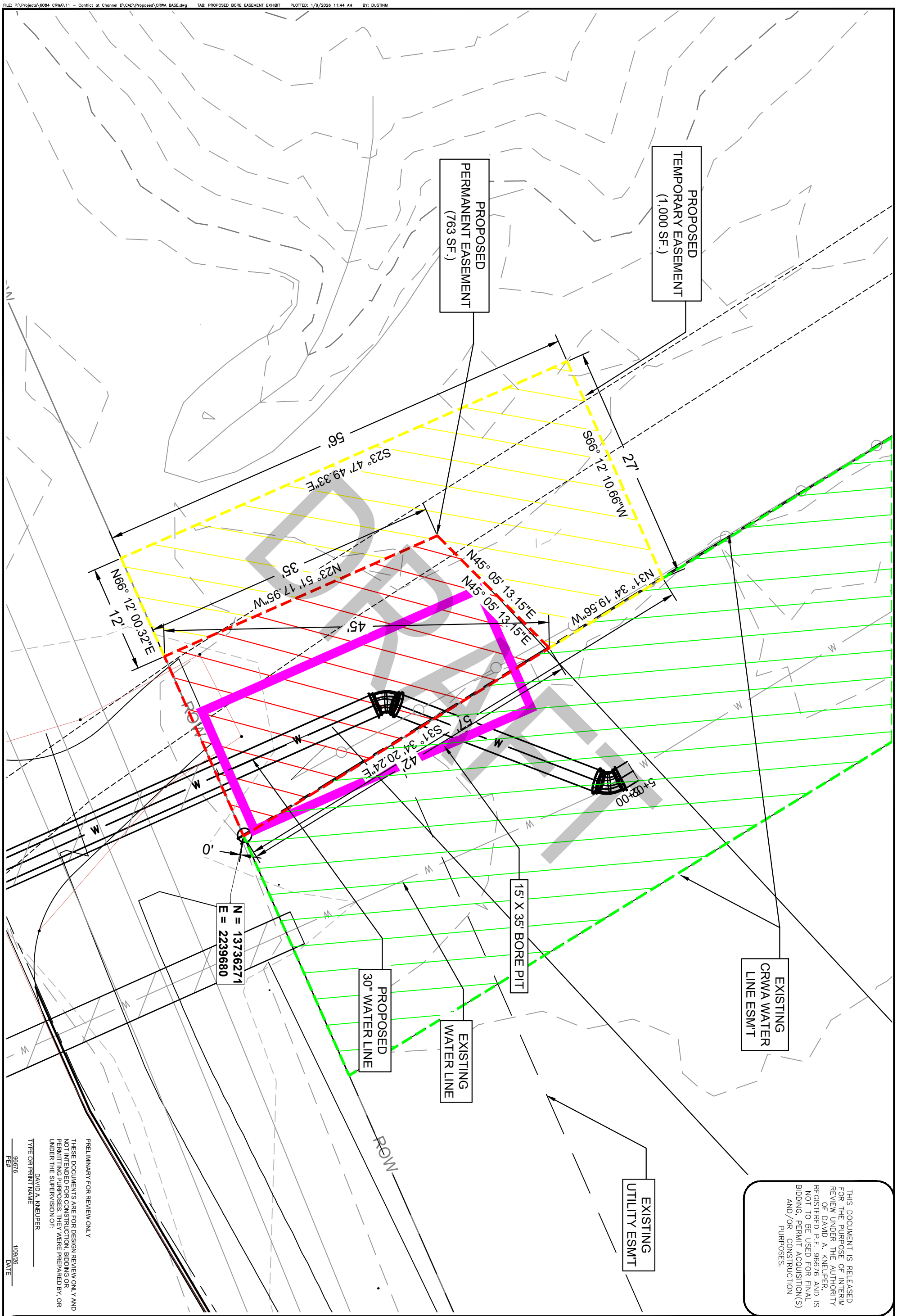
PLE P:\Projects\6084_CRWA\11 - Conflict at Channel D\CAD\Sheets\IH10_MASTER_MARKS.dwg, 166_PROPOSED IH10_CROSSING PLAN & PROFILE, PLOTTED: 8/13/2025, 3:57 PM, By: DUSTIN

PROPOSED IH 10 CROSSING PROFILE VIEW PROFILE VIEW



ROW
EX. ROW
20' Utility Easement (Vol. 9, Pg. 162-163)
IH 10
IH 10 FRONTAGE RD
INTERSTATE HIGHWAY 10 (UNDER CONSTRUCTION 12-17-24)
Edge of Asphalt/Gravel
Edge of Concrete raised
Edge of Asphalt/Center
Back of Curb
Edge of Asphalt
Edge of Gravel
Ground Mounted Construction Sign
Traffic Control Panel
Asphalt Pavement Repair
Concrete Pavement Repair
Drive
Gravel
Concrete
Asphalt
Grass
Fence
Overhead Utility
Overhead Electric
Wood Fence
Chainlink Fence
Wire Fence
Right-of-Way
Silt Fence
Fiber Optic
Easement
Ex. Water Main
Pr. Water Main
Utility Pole
Cable Box
Existing Wastewater Line
Sign
Guy Wire
Telephone Pedestal
Existing Water Meter
Existing Gate Valve
Proposed Gate Valve
1880+00
1879+00
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FILE: P:\Projects\6084 CRWA\11 - Conflict at Channel D\CAD\Proposed\CRWA BASE.dwg TAB: PROPOSED BORE EASEMENT EXHIBIT PLOTTED: 1/9/2026 11:44 AM BY: DUSTINM



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DAVID A. KNEUPER
TYPE OR PRINT NAME

96676
PE#

1/09/26
DATE

NO.	REVISIONS	APPD.	DATE

SCALE: 1" = 10'
DATE: 09 January, 2026
PROJECT NO: 6084-11
DESIGNED BY: BK
DRAWN BY: DM
CHECKED BY: DK

SHEET NO.

OF SHEETS

CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT

PROPOSED WATERLINE BORE EASEMENT

UTILITY ENGINEERING GROUP PLLC
256 Comal Ave NEW BRAUNFELS, TEXAS 78130 PH: (830) 214-0521
Texas Engineering Firm F-18712

TEMPORARY EROSION/SEDIMENTATION CONTROL NOTES AND TREE/NATURAL AREA PROTECTION MEASURES:

1. THE CONTRACTOR SHALL INSTALL EROSION/SEDMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR EXCAVATION).

2. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION/SEDIMENTATION CONTROL PLAN.

3. ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE PROJECT ENGINEER AND T.C.E.Q., AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY T.C.E.Q.. MINOR CHANGES TO BE MADE AS FIELD REVISIONS TO THE EROSION/SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE PROJECT ENGINEER DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES.

4. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY HAVE NOT BEEN SUBSTANTIALLY DISTURBED AND ARE FUNCTIONING PROPERLY. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6) INCHES.

5. PRIOR TO FINAL ACCEPTANCE, HAUL ROADS AND WATERWAY CROSSING CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING DEBRIS SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.

6. ALL WORK MUST STOP IF A VOID IN THE ROCK SUBSTRATE IS DISCOVERED WHICH IS; ONE SQUARE FOOT IN TOTAL AREA; BLOWS AIR FROM WITHIN THE SUBSTRATE AND/OR CONSTANTLY RECEIVES WATER DURING ANY RAIN EVENT. AT THIS TIME IT IS THE RESPONSIBILITY OF THE PROJECT MANAGER TO IMMEDIATELY CONTACT THE PROJECT ENGINEER OR OWNER FOR FURTHER INVESTIGATION.

PERMANENT EROSION CONTROL NOTES:

1. A MINIMUM OF FOUR (4) INCHES OF TOPSOIL SHALL BE PLACED IN ALL DRAINAGE CHANNELS (EXCEPT ROCK) AND BETWEEN THE CURB/EDGE OF PAVEMENT AND THE RIGHT-OF-WAY LINE.

2. THE SEEDING FOR PERMANENT EROSION SHALL BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS:

BROADCAST SEEDING:

2.A. FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH A COMBINATION OF TWO (2) POUNDS PER 1000 SQUARE FEET OF UNHULLED BERMUDA AND SEVEN (7) POUNDS PER 1000 SQUARE FEET OF WINTER RYE WITH A PURITY OF 95% WITH 90% GERMINATION.

2.B. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HULLED BERMUDA AT A RATE OF TWO (2) POUNDS PER 1000 SQUARE FEET WITH A PURITY OF 95% AND 85% GERMINATION.

2.C. FERTILIZER SHALL BE PELLETED OR GRANULAR SLOW RELEASE WITH AN ANALYSIS OF 15-15-15 TO BE APPLIED ONCE AT PLANTING AND ONCE DURING THE PERIOD OF ESTABLISHMENT AT A RATE OF ONE (1) POUND PER 1,000 SQUARE FEET.

2.D. MULCH TYPE USED SHALL BE HAY, STRAW OR MULCH APPLIED AT A RATE OF FORTY-FIVE (45) POUNDS PER 1,000 SQUARE FEET.

HYDROMULCH SEEDING:

2.E. FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH A COMBINATION OF ONE (1) POUND PER 1000 SQUARE FEET OF UNHULLED BERMUDA AND SEVEN (7) POUNDS PER 1000 SQUARE FEET OF WINTER RYE WITH A PURITY OF 95% WITH 90% GERMINATION.

2.F. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HULLED BERMUDA AT A RATE OF ONE (1) POUND PER 1000 SQUARE FEET WITH A PURITY OF 95% AND 85% GERMINATION.

2.G. FERTILIZER SHALL BE A WATER SOLUBLE FERTILIZER WITH AN ANALYSIS OF 15-15-15 AT THE RATE OF 1.5 POUNDS PER 1000 SQUARE FEET.

2.H. MULCH TYPE USED SHALL BE HAY, STRAW, OR MULCH, APPLIED AT A RATE OF 45 POUNDS PER 1000 SQUARE FEET, WITH SOIL TACKIFIER AT A RATE OF 1.4 LBS. PER 1000 SQUARE FEET.

2.I. THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX INCHES. THE IRRIGATION SHALL OCCUR AT TEN-DAY INTERVALS DURING THE FIRST TWO MONTHS. RAINFALL OCCURRENCES OF 1/2 INCH OR MORE SHALL POSTPONE THE WATERING SCHEDULE FOR ONE WEEK.

2.J. RESTORATION SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1.5 INCHES HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 16 SQUARE FEET EXIST.

3. THE CONTRACTOR SHALL NOT DISPOSE EXCAVATED MATERIALS FROM THE SITE WITHOUT NOTIFYING THE PROJECT ENGINEER OR OWNER AT LEAST 48 HOURS PRIOR WITH THE LOCATION TO RECEIVE THE MATERIAL.

4. ALL CONSTRUCTED AND ALTERED DRAINAGE CHANNELS SHALL BE RESTORED, STABILIZED AND REVEGETATED IMMEDIATELY AFTER GRADING.

5. IN ERODIABLE AREAS LEFT BARE AND UNWORN FOR FOUR WEEKS OR LONGER, A TEMPORARY GRASS OR MULCH COVER SHALL BE PROVIDED. IF TEMPORARY SEEDING OR MULCH IS IMPRACTICAL, TEMPORARY TERRACES OR BERMS PERPENDICULAR TO THE SLOPE SHALL BE USED.

6. THE CONTRACTOR SHALL HYDROMULCH OR SOD ALL EXPOSED CUTS AND FILLS UPON COMPLETION OF CONSTRUCTION, EXCEPT WHERE CUTS ARE MADE.

TREE PROTECTION AND NATURAL AREA PROTECTION NOTES:

1. CLEARING OF NATURAL VEGETATION OR REMOVAL OF ANY PROTECTED TREES IS PROHIBITED WITHOUT FIRST SECURING WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE OR PROJECT ENGINEER.

2. ALL TREES AND NATURAL AREAS SHOWN ON THESE PLANS (19" OR LARGER) TO BE PRESERVED SHALL BE PROTECTED DURING CONSTRUCTION WITH TEMPORARY FENCING.

3. PROTECTIVE FENCES SHALL BE ERECTED ACCORDING TO THE STANDARD DETAIL FOR TREE PROTECTION.

4. PROTECTIVE FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING) AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE CONSTRUCTION PROJECT.

5. EROSION/SEDIMENTATION CONTROL BARRIERS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILDUP WITHIN TREE DRIP LINES.

6. PROTECTIVE FENCES SHALL COMPLETELY SURROUND THE TREE OR GROUP OF TREES AND WILL BE LOCATED AT THE OUTERMOST LIMITS OF THE TREE BRANCHES (DRIP LINE); OR FOR NATURAL AREAS, PROTECTIVE FENCES SHALL FOLLOW THE LIMIT OF CONSTRUCTION LINE IN ORDER TO PREVENT THE FOLLOWING:

6.A. SOIL COMP ACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT OR MATERIALS;

6.B. ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN SIX (6) INCHES CUT OR FILL) OR TRENCHING NOT REVIEWED AND AUTHORIZED BY PROJECT ENGINEER OR OWNER'S REPRESENTATIVE.

6.C. WOUNDS TO EXPOSED ROOTS, TRUNK OR LIMBS BY MECHANICAL EQUIPMENT;

6.D. OTHER ACTIVITIES DETRIMENTAL TO TREES SUCH AS CHEMICAL STORAGE, TRUCK CLEANING, AND FIRES.

7. EXCEPTIONS TO INSTALLING FENCES AT TREE DRIP LINES MAY BE PERMITTED IN THE FOLLOWING CASES:

7.A. WHERE THERE IS TO BE AN APPROVED GRADE CHANGE, IMPERMEABLE PAVING SURFACES, TREE WELLS, OR OTHER SUCH SITE DEVELOPMENT, ERECT THE FENCE APPROXIMATELY 2 TO 4 FEET BEHIND THE AREA DISTURBED;

7.B. WHERE PERMEABLE PAVING IS TO BE INSTALLED WITHIN A TREE'S DRIP LINE, ERECT THE FENCE AT THE OUTER LIMITS OF THE PERMEABLE PAVING AREA (PRIOR TO SITE GRADING SO THAT THIS AREA IS GRADED SEPARATELY PRIOR TO PAVING INSTALLATION TO MINIMIZE ROOT DAMAGE);

7.C. WHERE TREES ARE CLOSE TO PROPOSED BUILDINGS, ERECT THE FENCE TO ALLOW 6 TO 10 FEET OF WORK SPACE BETWEEN THE FENCE AND THE BUILDING;

7.D. FOR THE PROTECTION OF NATURAL AREAS, NO EXCEPTIONS TO INSTALLING FENCES AT THE LIMIT OF CONSTRUCTION LINE WILL BE PERMITTED.

8. WHERE ANY OF THE ABOVE EXCEPTION RESULT IN A FENCE BEING CLOSER THAN 4 FEET TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO BE A HEIGHT OF 8 FEET (OR TO THE LIMITS OF LOWER BRANCHING) IN ADDITION TO THE REDUCED FENCING PROVIDED.

9. TREES APPROVED FOR REMOVAL SHALL BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED.

10. ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL. BACK-FILL ROOT AREAS WITH GOOD QUALITY TOP SOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACK-FILLED WITHIN 2 DAYS, COVER THEM WITH ORGANIC MATERIAL IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.

11. ANY TRENCHING REQUIRED FOR THE INSTALLATION OF IRRIGATION SHALL BE PLACED AS FAR FROM EXISTING TREE TRUNKS AS POSSIBLE.

12. NO TOPSOIL DRESSING GREATER THAN FOUR (4) INCHES SHALL BE PERMITTED WITHIN THE DRIP LINES OF TREES. NO SOIL IS PERMITTED ON THE ROOT FLARE OF ANY TREE.

13. PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC AND EQUIPMENT SHALL TAKE PLACE BEFORE DAMAGE OCCURS (RIPPING OF BRANCHES, ETC.).

14. ALL FINISHED PRUNING MUST BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE NATIONAL ARBORIST ASSOCIATION-"PRUNING STANDARDS FOR SHADE TREES").

15. WHERE ANY OF THE ABOVE EXCEPTIONS TO FENCING AT A TREE'S DRIP LINE RESULT IN AREAS OF UNPROTECTED ROOT ZONES (UNDER DRIP LINES) WHERE HEAVY TRAFFIC IS EXPECTED, COVER THOSE AREAS WITH FOUR (4) INCHES OF ORGANIC MULCH OR GRAVEL TO MINIMIZE SOIL COMPACTION.

16. PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIP LINES, MAKE A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT TO MINIMIZE DAMAGE TO REMAINING ROOTS.

17. ALL GRADING WITHIN PROTECTED ROOT ZONE AREAS SHALL BE DONE BY HAND OR WITH SMALL EQUIPMENT TO MINIMIZE ROOT DAMAGE. PRIOR TO GRADING, RELOCATED PROTECTIVE FENCING TO TWO (2) FEET BEHIND THE GRADE CHANGE AREA.

18. TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES SHOULD BE WATERED DEEPLY ONCE A WEEK DURING PERIODS OF HOT, DRY WEATHER. TREE CROWNS SHOULD BE SPRAYED WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.

19. WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE ROOT ZONE.

GENERAL NOTES:

1. LIMITS OF TEMPORARY STAGING, STORAGE AND SPOIL AREAS SHALL BE LOCATED WITHIN APPROVED SITES ALONG THE CONSTRUCTION. THE LOCATION OF THESE SITES SHALL MOVE PERIODICALLY IN ORDER TO FOLLOW THE CONSTRUCTION ROUTE. EROSION/SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE AT EACH SITE. EACH SITE IS SUBJECT TO APPROVAL BY THE PROJECT ENGINEER OR OWNERS REPRESENTATIVE.

2. VEHICLES UTILIZED FOR CONSTRUCTION SHALL BE INSPECTED FOR TRACKING CONTROL. IF NECESSARY WHEELS SHALL BE MANUALLY SCRAPED OR WASHED (IF WATER IS AVAILABLE) BEFORE DRIVING ON ANY ROADWAY.

3. CONTRACTOR TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, REDUCE ON AND OFF-SITE HEALTH HAZARDS.

4. FIELD REVISIONS TO THE EROSION/SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE PROJECT ENGINEER OR THE OWNER'S REPRESENTATIVE DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES.

5. NO MORE THAN 2,000 FEET OF CONSTRUCTION ZONE SHALL BE OPEN AT ANY ONE TIME WITH CLEAN-UP AND RESTORATION WORK OCCURRING BEFORE PROCEEDING TO THE NEXT SECTION. THE CONTRACTOR IS REQUIRED TO RESTORE ALL DISTURBED AREAS AS WORK PROGRESSES.

6. LOCATE ROCK BERMS DOWN STREAM OF ALL WATERWAY CROSSINGS.

7. ALL AREAS WITHIN THE PUBLIC RIGHT-OF-WAY EXPOSED DURING CONSTRUCTION SHALL BE REVEGETATED AS DIRECTED BY THE PROJECT ENGINEER. REVEGETATION OF ALL EXPOSED AREAS SHALL CONSIST OF SODDING, SEEDING OR HYDROMULCHING, AT CONTRACTOR'S OPTION.

8. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CLEARANCES REQUIRED BY THE NATIONAL ELECTRICAL SAFETY CODE, OCCUPATIONAL SAFETY AND HEALTH (O.S.H.A.) REGULATIONS AND TEXAS STATE LAW (VERNON'S ANNOTATED TEXAS STATUES, ARTICLE 1436 (c)) PERTAINING TO CLEARANCES WHEN WORKING IN CLOSE PROXIMITY TO OVERHEAD ELECTRICAL LINES AND EQUIPMENT. ALL COST IN CURED BECAUSE OF FAILING TO COMPLY WITH THE REQUIRED CLEARANCES WILL BE CHARGED TO THE CONTRACTOR.

9. ANY EXISTING PAVEMENT, CURBS, SIDEWALKS, OR DRAINAGE STRUCTURES WITHIN PUBLIC RIGHT-OF-WAY WHICH ARE DAMAGED, REMOVED, OR SILTED, WILL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE BEFORE APPROVAL OF THE CONSTRUCTION.

10. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE OF EACH EROSION/SEDIMENTATION CONTROL DEVICES/SCHEME BEING USED ON THE PROJECT, AND PROVIDE ADDITIONAL SILT FENCE FOR ANY OFF-SITE DISCHARGES OF SILTED WATER FROM EXCAVATIONS.

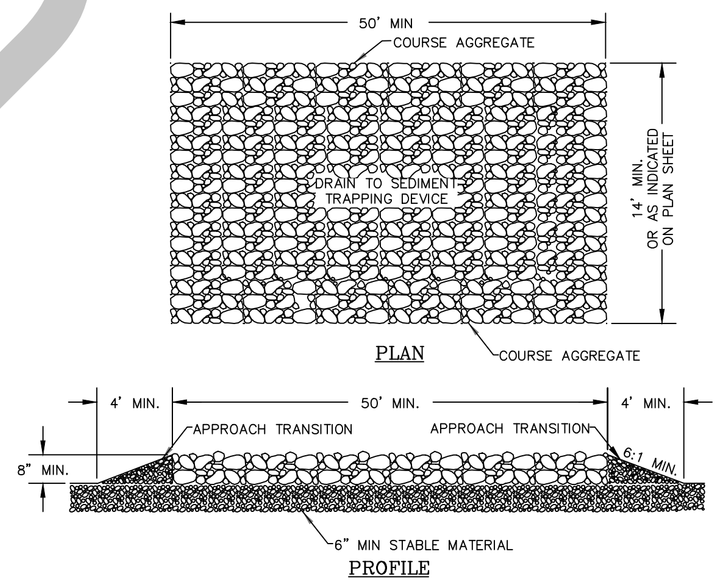
11. ROAD DITCH SHALL BE GRADED FOR AN EVEN GRADE ON SECTION BETWEEN EXISTING CULVERTS. ALL CULVERTS SHALL BE CLEAN AND FREE OF DEBRIS DURING OR AFTER CONSTRUCTION.

12. CONTRACTOR IS RESPONSIBLE FOR CLEANING UP AND PROPERLY DISPOSING OF ALL SPILLED POLLUTANTS, INCLUDING OIL, PAINT, FUELS, ANTIFREEZE, SOLVENTS, ETC.. CONTRACTOR TO KEEP ACCURATE RECORDS (SUCH AS RECEIPTS, COPIES OF ANALYTICAL RESULTS, ETC.) INDICATING PROPER DISPOSAL OF SPILLED MATERIALS. FURTHERMORE, CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL DISCHARGES FROM THE CONSTRUCTION AREA ARE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS. NO SUBSTANCE SHALL BE DUMPED OR LEAKED ONTO THE GROUND OR ALLOWED TO RUNOFF FROM THE CONSTRUCTION SITE THAT MIGHT CAUSE POLLUTION.

13. EQUIPMENT SHALL BE CLEANED IN A MANNER THAT DOES NOT CREATE ANY DISCHARGE OF CLEANING AGENTS, PAINT, OIL OR OTHER POLLUTANTS TO A STORM SEWER OR WATERWAY.

14. ANY TRASH OR DEBRIS MUST BE CONTAINED ON SITE AND DISPOSED OF IN A MANNER TO PREVENT WIND OR RAIN FROM CARRYING IT OFF-SITE INTO A STORM DRAIN OR WATERWAY.

15. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS OF THE UNITED STATES OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (O.H.S.A.), IN COMPLIANCE WITH TEXAS HOUSE BILLS 662 AND 665.



PLAN

PROFILE

CONSTRUCTION EXIT NOTES:

1. THE LENGTH OF THE ROCK CONSTRUCTION EXIT SHALL BE AS INDICATED ON THE PLANS, BUT NOT LESS THAN 50'
2. THE COARSE AGGREGATE SHOULD BE OPEN GRADED WITH A SIZE OF 4" TO 8"
3. THE APPROACH TRANSITION SHOULD BE NO STEEPER THAN 6:1
4. THE CONSTRUCTION EXIT SHALL BE GRADED TO ALLOW FOR POSITIVE DRAINAGE.
5. THE DESIGN DETAILS INDICATED HEREIN SHOULD BE MODIFIED AS NECESSARY TO ENSURE SEDIMENT DOES NOT LEAVE PROJECT SITE

CONSTRUCTION EXIT
SCALE: N.T.S.

TXDOT IH10 CRWA CHANNEL D CONFLICT
STORM WATER POLLUTION PREVENTION NOTES:

1. TXDOT IH10 CRWA CHANNEL D CONFLICT PROJECT

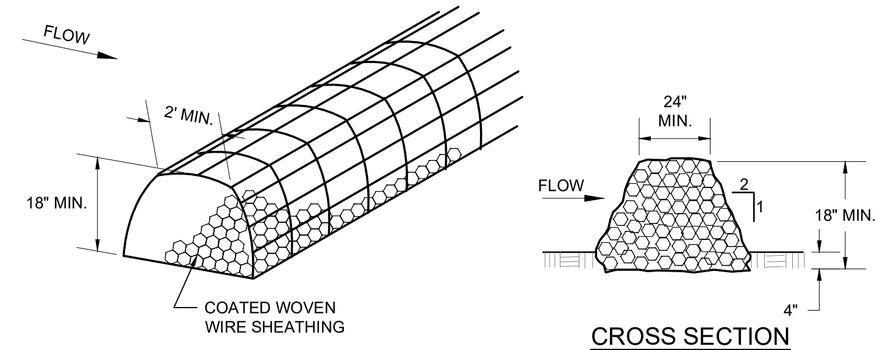
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LATITUDE: N029° 30' 59.29"	LATITUDE: N029° 30' 54.92"
LONGITUDE: W098° 08' 50.45"	LONGITUDE: W098° 08' 48.25"

2. APPROXIMATELY 0.90 ACRES AREA TO BE DISTURBED.

3. THERE ARE NO ENDANGERED OR THREATENED SPECIES, OR DESIGNATED CRITICAL HABITAT IN THE PROJECT AREA.

4. THIS FACILITY IS NOT LOCATED ON INDIAN COUNTRY LANDS.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY STORM WATER PERMITS.



CROSS SECTION

NOTES:

1. USE ONLY OPEN GRADED ROCK 4-8 INCH DIAMETER FOR STREAM FLOW CONDITIONS USE OPEN GRADED ROCK 3-5 INCH DIAMETER FOR OTHER CONDITIONS.

2. THE ROCK BERM SHALL BE SECURED WITH A COATED WOVEN WIRE SHEATHING HAVING MAXIMUM 1 INCH OPENING AND MINIMUM WIRE DIAMETER OF 20 GAUGE.

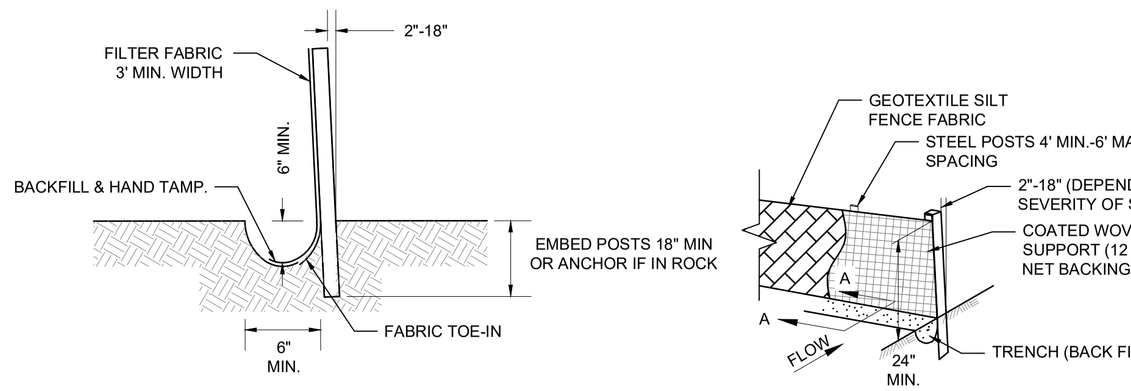
3. THE ROCK BERM SHALL BE INSPECTED WEEKLY OR AFTER EACH RAIN, AND THE STONE AND/OR FABRIC CORE-WOVEN SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.

4. WHEN SILT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM OR IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED ONE FOOT, WHICHEVER OF IN AN APPROVED SITE AND IN A MANNER AS TO NOT CREATE A SILTATION PROBLEM.

5. ON SEVERE-SERVICE ROCK BERMS; SILT SHALL BE DAILY INSPECTION SHALL BE MADE REMOVED WHEN ACCUMULATION REACHES 6 INCHES.

6. WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

ROCK BERM
SCALE: N.T.S.



TRENCH CROSS SECTION "A-A"

NOTES:

1. STEEL POSTS AT LEAST 4' LONG WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.

2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CAN NOT BE TRENCHED IN (E.G. PAVEMENT) WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE. THERE SHALL BE A 3' OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.

3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AN 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACK FILLED WITH COMPACTED MATERIAL.

4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO COATED WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.

5. INSPECTION SHALL BE MADE WEEKLY, OR AFTER EACH RAINFALL EVENT, AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.

6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES.

7. THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

SILT FENCE
SCALE: N.T.S.

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DAVID A. KNEUPER
TYPE OR PRINT NAME

96676 — PE#
8/13/25 — DATE

UTILITY ENGINEERING GROUP PLLC
TBPELS Firm #23190 | TBPE Firm #F-3182 | TEXAS 78130 PH: (830) 214-0821
Texas Engineering Firm F-18722

CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT
100% DESIGN REVIEW SET

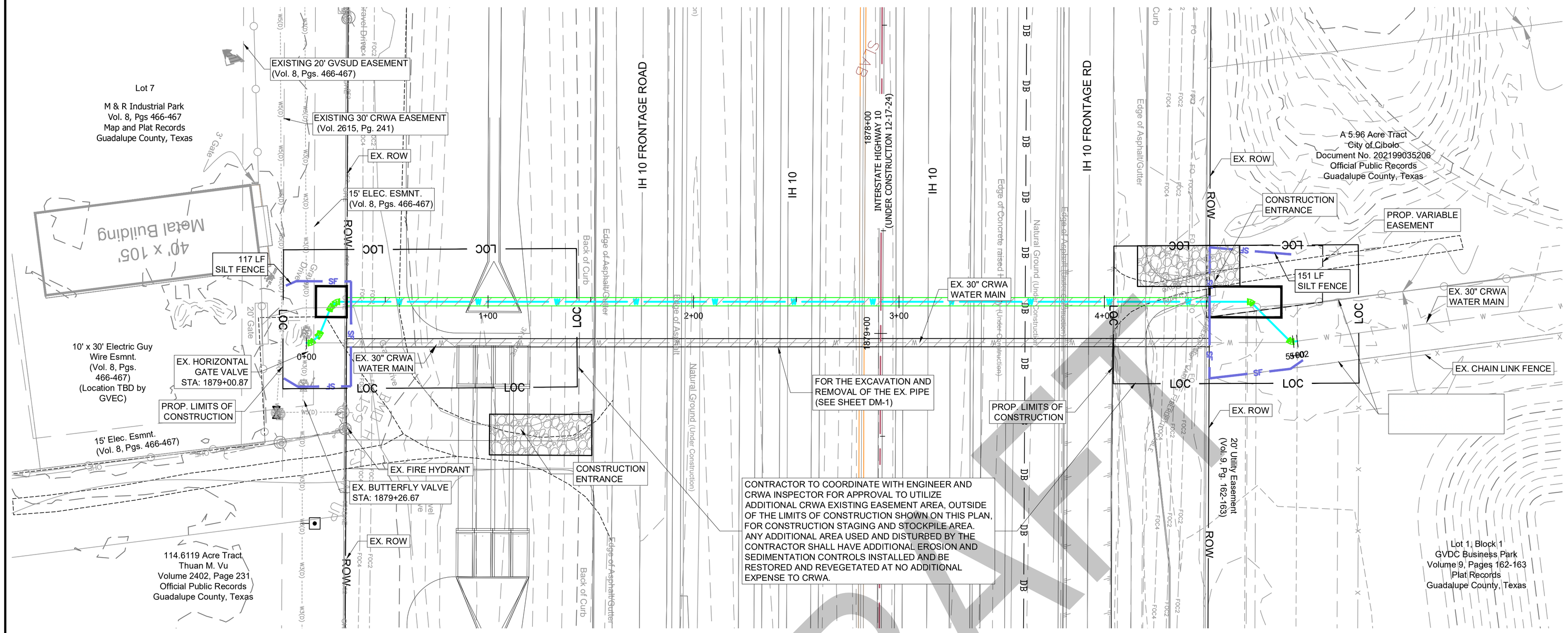
SWPPP NOTES AND DETAILS

NO.	REVISIONS	APPD.	DATE

SCALE:
DATE:
PROJECT NO:5084-11
DESIGNED BY:BK
DRAWN BY:BK
CHECKED BY:DK
SHEET NO.
EC-1
OF # SHEETS

DRAFT

PLE: P:\Projects\5084 CRWA 11 – Conflict at Channel D\CAD\Sheets\SWPP NOTES AND DETAILS.dwg TAB: SWPPP NOTES AND DETAILS PLOTTED: 8/13/2025, 3:58 PM BY: DUSTINW



SCALE: 1" = 30' HOR.
1" = 3' VER.
0 30 60

LEGEND

- LIMITS OF CONSTRUCTION — LOC
- EASEMENT
- SILT FENCE — SF
- EXISTING RIGHT-OF-WAY — ROW
- EXISTING CONTOURS — 800

NOTES:

1. SPOILS ARE TO BE PLACED BACK IN TRENCH EVERY NIGHT, EXCEPT FOR TRENCHED AREAS IN PAVEMENT WHERE TEMPORARY STEEL PLATTING IS TO BE USED.
2. CONTRACTOR SHALL UTILIZE DUST CONTROL MEASURES DURING SITE CONSTRUCTION SUCH AS IRRIGATION TRUCKS AND MULCHING OR AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
3. LIMITS OF TEMPORARY STAGING, STORAGE AND SPOIL AREAS SHALL BE LOCATED WITHIN THE LIMITS OF CONSTRUCTION. THE LOCATION OF THESE SITES SHALL BE MOVED PERIODICALLY IN ORDER TO FOLLOW THE CONSTRUCTION ROUTE.TRAFFIC CONTROL, FENCING AND EROSION/ SEDIMENTATION CONTROL MEASURES SHALL BE PLACED AT EACH SITE.
4. SILT FENCE AND ROCK BERMS SHALL BE SITUATED SO THAT ENDS ARE ARCHED AND POINTED UPSTREAM.
5. SILT FENCE AND MULCHING SOCK SHOWN AS CONTINUOUS. CONTRACTOR TO ALLOW FOR DRIVEWAY, WALKWAY, ETC., WHERE NECESSARY.
6. CONTRACTOR SHALL PROVIDE SOIL RETENTION MATTING AT ALL DISTURBED AREAS WITH SLOPE 3:1 OR GREATER AND AT ALL IMPACTED DRAINAGE DITCHES. CONTRACTOR MAY PROVIDE SOIL RETENTION MATTING AT OTHER AREAS TO EXPEDITE RESTORATION EFFORTS.
7. ANY AREA OUTSIDE THE LIMITS OF CONSTRUCTION OR ACCESS SHOWN ON THE PLANS THAT IS DISTURBED BY THE CONSTRUCTION OR HIS SUBCONTRACTOR SHALL BE IMMEDIATELY RESTORED. ANY ADDITIONAL RESTORATION OR MAINTENANCE SHALL BE AT NO EXPENSE TO THE OWNER.
8. CONTRACTOR TO COORDINATE WITH ENGINEER PRIOR TO REMOVING ANY SIZE TREE NOT SHOWN TO BE REMOVED ON THE PLANS.
9. IF DISTURBED AREA IS NOT TO BE WORKED ON FOR MORE THAN 14 DAYS, DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION, MULCH, TRAP, OR REVEGETATION MATTING.
10. CONTRACTOR SHALL CLEAN UP SPOILS THAT MIGRATE ONTO THE ROADS A MINIMUM OF ONCE DAILY.
11. LIMITS OF CONSTRUCTION TO BE LOCATED ALONG THE PERMANENT EASEMENT LINES. LIMITS OF CONSTRUCTION SHOWN OFF-SET FOR CLARITY.

PRELIMINARY FOR REVIEW ONLY

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DAVID A. KNEUPER
TYPE OR PRINT NAME

96676 — PE#
8/13/25 — DATE

UTILITY ENGINEERING GROUP PLLC
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Texas Engineering Firm F-18722

CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT
100% DESIGN REVIEW SET

EROSION CONTROL PLAN

NO.	REVISIONS	APPD.	DATE

SCALE:
DATE:
PROJECT NO:6084-11
DESIGNED BY: BK
DRAWN BY: BK
CHECKED BY: DK
SHEET NO.
EC-2
OF # SHEETS

DRAFT

PLOTTED: 8/13/2025, 3:58 PM BY: DUSTINM
FILE: P:\Projects\6084_CRWA 11 – Conflict at Channel D\CAD\Sheets\EROSION_CONTROL_PLAN.dwg TAB: EROSION_CONTROL_PLAN

CRWA CONSTRUCTION PLAN GENERAL NOTES

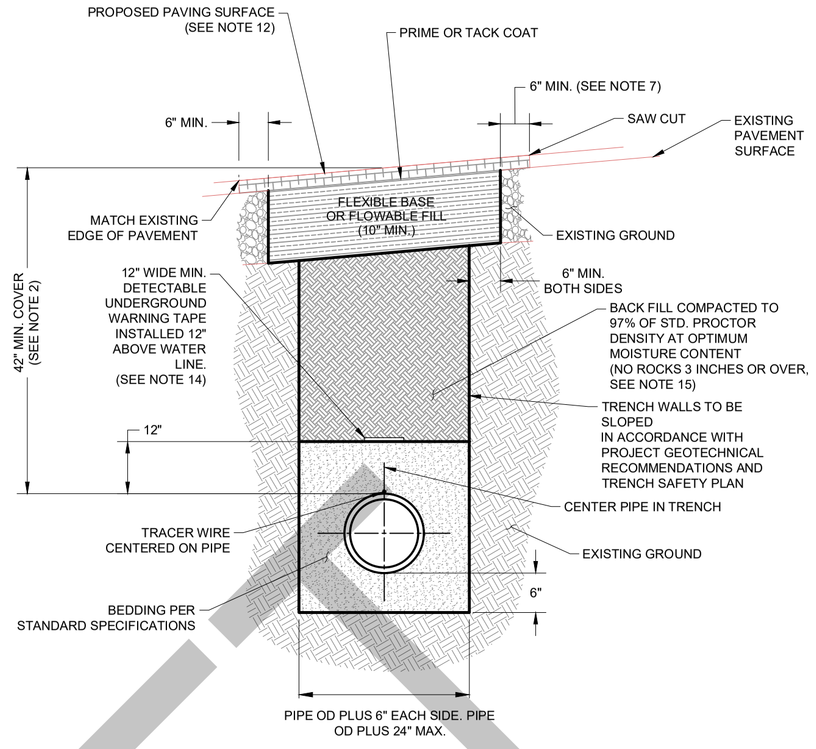
1. ALL WORKMANSHIP AND MATERIALS FOR THE WATER SYSTEM SHALL CONFORM TO THE CONSTRUCTIONS STANDARDS OF CANYON REGIONAL WATER AUTHORITY (CRWA).
2. ACCEPTABLE PIPE MATERIAL INCLUDES POLYVINYL CHLORIDE (PVC), DUCTILE IRON (DI), HIGH-DENSITY POLYETHYLENE (HDPE), DUCTILE IRON PIPE SIZE (DIPS), AND CONCRETE STEEL CYLINDER (CSC). PIPE MATERIAL AND PRESSURE CLASS FOR ALL PIPE DIAMETERS SHALL BE APPROVED BY CANYON REGIONAL WATER AUTHORITY. ALL FITTINGS SHALL BE DOMESTIC DUCTILE IRON MECHANICAL JOINTS. VALVES SHALL BE ATTACHED TO TEES BY FOSTER ADAPTOR OR ANCHOR NIPPLE. FOSTER ADAPTER, ANCHOR NIPPLE, OR FORD UNI-FLANGE RETAINER GLANDS AND THRUST BLOCKS SHALL BE USED ON ALL FITTINGS AND VALVES. WATER MAINS SHALL HAVE AN ABSOLUTE MINIMUM DEPTH OF 5-FEET DEPTH STREET AND 42-INCHES IN ALL OTHER AREAS. ALL WATERLINES MUST BE BEDDED; BEDDING MATERIAL SHALL BE "F-ROCK" - APPROVED BY CANYON REGIONAL WATER AUTHORITY. A TRACER WIRE SHALL BE INSTALLED ON THE PIPE LINE AND BROUGHT INTO VALVE BOXES FOR LOCATING PURPOSES. A 12-INCH WIDE DETECTABLE METAL TAPE SHALL BE PLACED 18-INCHES ABOVE THE PIPE.
3. THE ANGULAR DEFLECTION AT JOINTS SHOULD NOT EXCEED ONE (1) DEGREE OR MANUFACTURERS RECOMMENDATIONS, WHICHEVER IS MORE STRINGENT. THIS WILL PRODUCE A 4-INCH OFFSET FOR EVERY 20-FOOT SECTION OF PIPE. JOINT DEFLECTION IS ACHIEVED AFTER THE JOINT IS ASSEMBLED IN STRAIGHT ALIGNMENT AND DEFLECTED TO THE REFERENCE MARK. THE BELL SHOULD BE BRACED TO ALLOW THE FREE END TO MOVE LATERALLY UNDER STEADY PRESSURE USING A PRY BAR OR OTHER SUITABLE MEANS. CARE SHOULD BE TAKEN NOT TO EXCEED THE MAXIMUM DEFLECTION ALLOWED OR TO DAMAGE THE PIPE WITH MACHINERY USED. ABRUPT CHANGES IN DIRECTION SHALL BE ACCOMPLISHED WITH FITTINGS. AVOID OVER STRESSING THE BELL (OVER INSERTING THE JOINTS OR EXCEEDING MAXIMUM DEFLECTION ALLOWED) TO PREVENT POSSIBLE BREAKAGE AND / OR LEAKS.
4. CONTRACTOR SHALL PROVIDE "AS-BUILT" WATER LINE PLANS BEFORE FINAL INSPECTION. THE PLANS SHALL LIST MATERIAL MANUFACTURERS, LINE LENGTH FROM FITTING TO FITTING, TAP LOCATIONS, AND GIS/GPS LOCATION ELECTRONIC FILE.
5. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED. CONTRACTOR SHALL INVESTIGATE AND FIELD VERIFY LOCATIONS A MINIMUM OF 48-HOURS BEFORE STARTING WORK. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO, AND FOR MAINTENANCE PROTECTION OF THE EXISTING UTILITIES, WHETHER THEY ARE SHOWN ON THE PLANS OR NOT.
6. A PRE-CONSTRUCTION MEETING SHALL BE HELD BEFORE CONSTRUCTION BEGINS.
7. THE CRWA INSPECTOR SHALL BE NOTIFIED AT LEAST FORTY-EIGHT HOURS PRIOR TO BACK FILLING OR TESTING.
8. NO VALVES IN THE CRWA WATER SYSTEM SHALL BE OPERATED BY THE CONTRACTOR WITHOUT PRIOR PERMISSION OF CANYON REGIONAL WATER AUTHORITY. THE CONTRACTOR SHALL NOTIFY CRWA WHEN A VALVE IS TO BE OPERATED AND SHALL ONLY OPERATE THE VALVE IN THE PRESENCE OF THE CRWA REPRESENTATIVE.
9. ALL WATER PIPE, FITTINGS, AND VALVES SHALL BE LAID IN SAND EMBEDMENT, AS SPECIFIED IN GENERAL NOTES #2. THE SAND SHALL FULLY ENCASE ALL PIPES, INCLUDING FITTINGS AND VALVES, BY A MINIMUM OF 12-INCHES. ALL FITTINGS AND VALVES ARE TO RECEIVE THRUST BLOCKING, FOSTER ADAPTER, ANCHOR NIPPLE, FORD UNI-FLAN RETAINER GLAND JOINT RESTRAINTS, AND BELL JOINT RESTRAINTS WHEN SPECIFIED BY CRWA OR CRWA'S ENGINEER. ALL IRON PIPE AND FITTINGS SHALLL BE WRAPPED WITH AT LEAST 8-MIL POLYETHYLENE WRAP IN ACCORDANCE WITH THE SPECIFICATIONS. IN HIGHLY CORROSIVE SOILS, DUCTILE IRON PIPE SHALL BE DOUBLE WRAPPED.
10. NEW WATER MAINS SHALL PASS PRESSURE TESTING AND THE MINIMUM PUBLIC HEALTH STANDARDS FOR BACTERIOLOGICAL QUALITY PRIOR TO ANY TIE IN TO EXISTING WATER MAINS AND SERVICE LINE TRANSFERS. THE CONTRACTOR SHALL MAKE ALL TIES TO EXISTING MAINS REQUIRED BY THE PLANS AS SOON AS PIPE LAYING REACHES THE DESIGNATED LOCATION, EXCEPT WHERE THE PLANS PROVIDE FOR A TIE IN TO BE MADE AFTER NEW MAINS HAVE BEEN APPROVED AND ACCEPTED FOR SERVICE BY CANYON REGIONAL WATER AUTHORITY.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CONSTRUCTION PLAN GENERAL NOTES (1 OF 2)	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-1

CRWA CONSTRUCTION PLAN GENERAL NOTES

11. OTHER UTILITIES SHALL BE LOCATED NO CLOSER THAN WHAT IS SPECIFIED BY STATE REGULATION AND/OR CRWA POLICIES.
12. TAPPING MACHINES UTILIZED FOR INSTALLING TAPPING VALVES UP TO 2-INCHES, CORPORATION STOPS, AND AIR RELEASE VALVES WILL BE OF THE PURGE TYPE, WHICH AT THE TIME OF TAPPING SHALL EXPEL ALL CHIPS AND RESIDUE TO ATMOSPHERE THROUGH AN APPROPRIATE OUTLET.
13. PRESSURE TESTING SHALL BE EVERY 200 LF (MAX) OF LINE OR AS APPROVED BY THE ENGINEER AND CANYON REGIONAL WATER AUTHORITY. ALL ERRORS OF WORKMANSHIP SHALL BE CORRECTED IMMEDIATELY. ALL PARTS OF THE PIPELINE SHALL BE BACKFILLED AND BRACED SUFFICIENTLY TO PREVENT MOVEMENT UNDER PRESSURE.
14. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
15. STANDARD FIRE HYDRANT SHALL INCLUDE HYDRANT, 6-INCH RESILIENT GATE VALVE AND BOX, ANCHOR FITTINGS, PIPE, AND ALL APPURTENANCES. HYDRANTS SHALL BE LIMITED TO THOSE MANUFACTURED BY MUELLER, AVR, AMERICAN FLOW, OR EAST JORDAN. HYDRANT BARRELS SHALL BE RED. AND HYDRANT SHALL HAVE TWO 2 ½" HOSE NOZZLE WITH NATIONAL THREAD, AND ONE 5" PUMPER NOZZLE. FITTING FOR PLUG TO BE TIED TO VALVE.
16. CRWA FIRE HYDRANTS ARE NOT ALLOWED TO BE USED FOR CONSTRUCTION WATER FOR NON-CRWA CONSTRUCTION PROJECTS.
17. VALVES SHALL BE AWWA APPROVED RESILIENT SEATED GATE VALVE. OPEN LEFT (COUNTERCLOCKWISE) UNLESS OTHERWISE DIRECTED BY CRWA, AND LIMITED TO THOSE MANUFACTURED BY MUELLER, AVR, AMERICAN FLOW, EAST JORDAN OR APPROVED QUAL. CONTRACTORS SHALL INSTALL VALVES AS TO NOT INTERFERE WITH CURB OR WHEELCHAIR RAMPS.
18. CONTRACTOR SHALL CHLORINATE NEW MAINS WITH HTH; THE CONTRACTOR SHALL COORDINATE WITH THE CANYON REGIONAL WATER AUTHORITY INSPECTOR TO WITNESS CHLORINATING OF NEW MAINS AND PRESSURE TEST. ACCEPTABLE TEST RESULTS MUST BE PROVIDED TO CANYON REGIONAL WATER AUTHORITY.
19. NO SERVICE CONNECTION SHALL BE MADE WITHOUT CRWA AUTHORIZATION.
20. NO TREES MAY BE PLANTED IN THE AREAS DESIGNATED AS WATER OR UTILITY EASEMENTS, OR AREAS WHERE WATER MAINS ARE PLANNED TO BE CONSTRUCTED UNLESS PRIOR WRITTEN APPROVAL FROM CRWA.
21. ALL GARBAGE OR SPOIL MATERIAL FROM THE WORK SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE.
22. CANYON REGIONAL WATER AUTHORITY CONTACT NUMBER: 830-609-0543.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CONSTRUCTION PLAN GENERAL NOTES (2 OF 2)	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-1

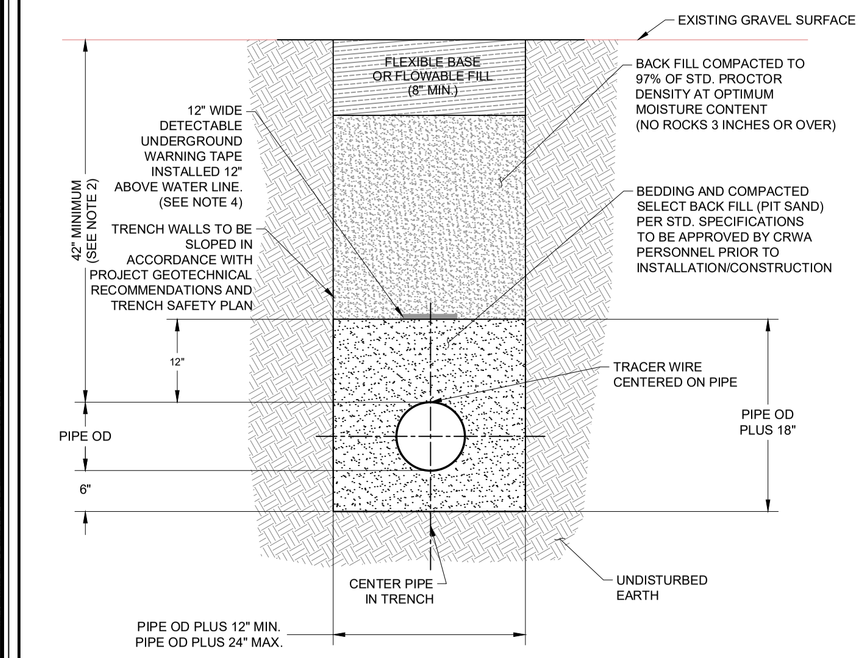


CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	TRENCH DETAIL FOR PAVED AREAS (1 OF 2)	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-2

NOTES:

1. ACCEPTABLE PIPE MATERIAL INCLUDES POLYVINYL CHLORIDE (PVC), DUCTILE IRON (DI), HIGH-DENSITY POLYETHYLENE (HDPE), DUCTILE IRON PIPE SIZE (DIPS), AND CONCRETE STEEL CYLINDER (CSC). PIPE MATERIAL AND PRESSURE CLASS FOR ALL PIPE DIAMETERS SHALL BE APPROVED BY CANYON REGIONAL WATER AUTHORITY.
2. ALL WATER LINES SHALL HAVE 42 INCH MINIMUM COVER AND 72 INCH MAXIMUM COVER UNLESS APPROVED BY CRWA.
3. GENERAL CONTRACTOR SHALL CONTACT THE APPROPRIATE STREET OWNER AND PROCESS, POST FISCAL SURETY, AND HAVE STREET CUT PERMIT ISSUED IN THEIR NAME.
4. CONTRACTOR TO REPAIR PAVED AREA TO STREET OWNER'S ROAD STANDARDS FOR ALL DISTURBED AREA.
5. CONTRACTOR SHALL NOT EXCEED THE MAXIMUM TRENCH ALLOWED AS INDICATED IN THE PLANS AND SPECIFICATIONS.
6. THE EXISTING PAVED SURFACE SHALL BE SAW CUT IN A STRAIGHT LINE, A MINIMUM OF 12 INCHES WIDER THAN UNDISTURBED SIDES OF THE TRENCH AND SYMMETRICAL ABOUT THE CENTER LINE OF THE EXCAVATION.
7. ANY CONCRETE PAVING SHALL BE CUT 6 INCHES WIDER THAN UNDISTURBED SIDES OF EXCAVATION.
8. IF EXCAVATION AREA IS OPEN FOR TEMPORARY PUBLIC USE, THE SURFACE SHALL BE MAINTAINED LEVEL WITH ADJACENT RIDING SURFACE WITH TEMPORARY COLD MIX ASPHALT CONCRETE OR TEMPORARY HOT MIXED ASPHALT CONCRETE. TEMPORARY MIX SHALL BE PLACED OVER FLEXIBLE BASE.
9. FLEXIBLE BASE SHALL BE REPLACED IN KIND WITH BASE AND PAVEMENT THICKNESS WITH BASE EQUAL TO EXISTING BASE THICKNESS PLUS 3 INCHES, BUT IN NO CASE LESS THAN 10 INCHES.
10. DAMAGED PAVEMENT OUTSIDE THE TRENCH CUT SHALL BE REMOVED AND REPLACED WITH A MINIMUM OF 2 INCHES HOT MIXED ASPHALT CONCRETE AND A BASE OF 10 INCHES OR A THICKNESS MATCHING EXISTING, WHICHEVER IS GREATER.
11. TACK COAT ALL EXPOSED EDGES AND SURFACES.
12. TYPE AND THICKNESS OF PROPOSED PAVING SURFACE SHALL BE AS FOLLOWS:
    - TWO COURSE SURFACE TREATMENT: SHALL MATCH EXISTING SURFACE AND SHALL BE IN ACCORDANCE WITH CRWA SPECIFICATIONS.
    - ASPHALT PAVING: SHALL BE IN ACCORDANCE WITH CRWA SPECIFICATIONS. HOT MIXED ASPHALT CONCRETE TYPE 'D' SHALL BE USED FOR LIFT THICKNESS UP TO 2 INCHES, AND TYPE 'C' FOR LIFT THICKNESS OVER 2 INCHES AND UP TO 3 INCHES. LIFT THICKNESS SHALL NOT BE MORE THAN 3 INCHES.
14. DETECTABLE UNDERGROUND WARNING TAPE SHALL BE PLACED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE AND 12 INCHES ABOVE WATER LINE, IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. THE DETECTABLE UNDERGROUND WARNING TAPE SHALL CONFORM TO THE SPECIFICATIONS AND COLOR CODED IN ACCORDANCE WITH THE AMERICAN PUBLIC WORKS ASSOCIATION UNIFORM COLOR CODE.
15. PIPE BEDDING SHALL BE PLACED BEFORE PIPING IS LAID, UP TO BOTTOM OF PIPE, AND COMPACTED TO 97% STANDARD PROCTOR DENSITY.
16. PLACE PIPE BEDDING IN 12 INCH LIFTS AFTER PIPE IS LAID TO 12 INCHES ABOVE THE PIPE.
17. SELECT BACKFILL MATERIAL PLACED TO REQUIRED HEIGHT IN 6 INCH LIFTS.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	TRENCH DETAIL FOR PAVED AREAS (2 OF 2)	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-2

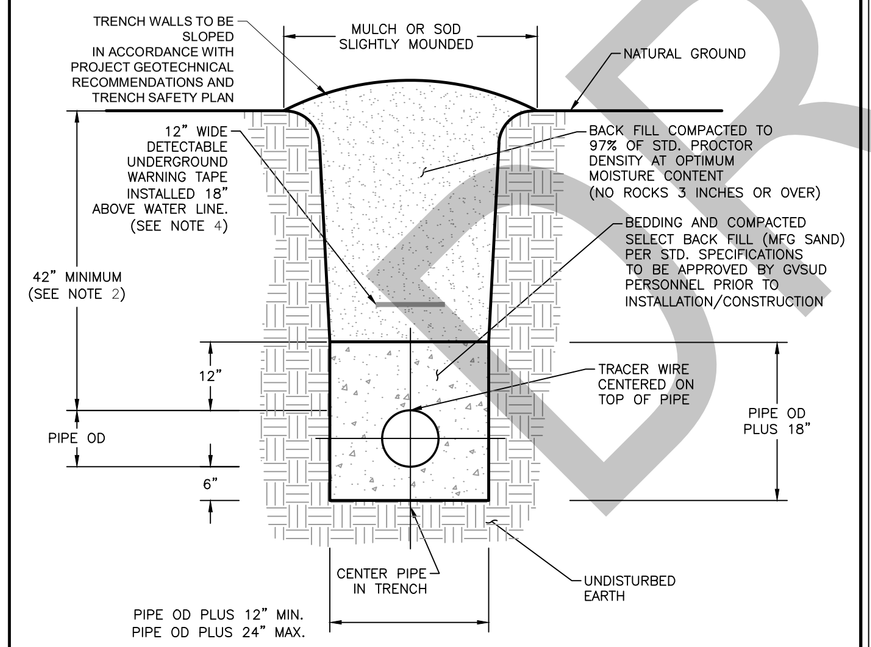


ELEVATION VIEW

NOTES:

1. ACCEPTABLE PIPE MATERIAL INCLUDES POLYVINYL CHLORIDE (PVC), DUCTILE IRON (DI), HIGH-DENSITY POLYETHYLENE (HDPE), DUCTILE IRON PIPE SIZE (DIPS), AND CONCRETE STEEL CYLINDER (CSC). PIPE MATERIAL AND PRESSURE CLASS FOR ALL PIPE DIAMETERS SHALL BE APPROVED BY CANYON REGIONAL WATER AUTHORITY.
2. ALL WATER LINES SHALL HAVE 42 INCHES MINIMUM COVER AND 72 INCHES MAXIMUM COVER UNLESS APPROVED BY CRWA.
3. CONTRACTOR SHALL NOT EXCEED THE MAXIMUM TRENCH ALLOWED AS INDICATED IN THE PLANS AND SPECIFICATIONS.
4. DETECTABLE UNDERGROUND WARNING TAPE SHALL BE PLACED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE AND 12 INCHES ABOVE WATER LINE, IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. THE TAPE SHALL CONFORM TO THE SPECIFICATIONS AND COLOR CODED IN ACCORDANCE WITH APWA UNIFORM COLOR CODE.
5. PIPE BEDDING PLACED BEFORE PIPING IS LAID UP TO BOTTOM OF PIPE COMPACTED TO 97% ASHTO DENSITY.
6. PLACE IN 12 INCH LIFTS AFTER PIPE IS LAID TO 12 INCHES ABOVE THE PIPE.
7. SELECT BACKFILL MATERIAL PLACED TO REQUIRED HEIGHT IN 6 INCH LIFTS.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	TRENCH DETAIL FOR GRAVEL SURFACED AREAS	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-3

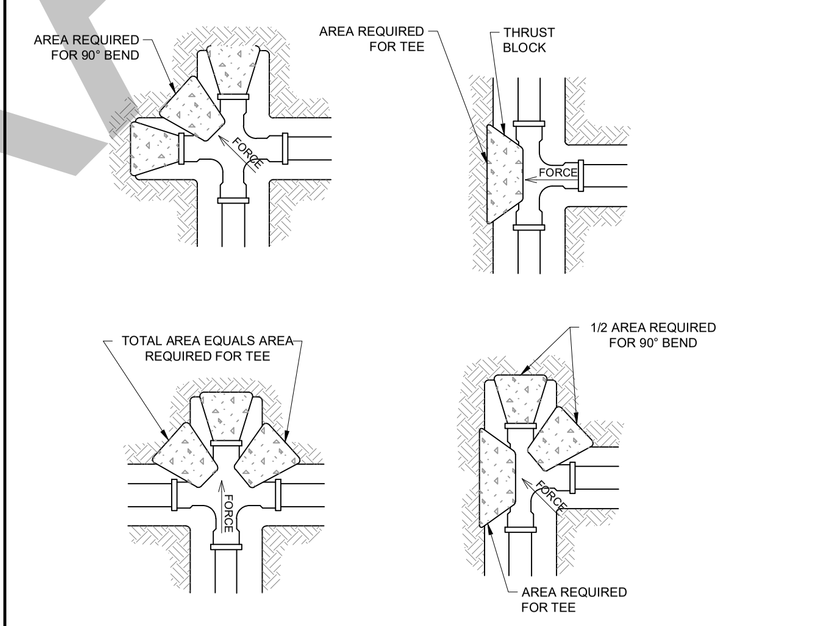


ELEVATION VIEW

NOTES:

1. ACCEPTABLE PIPE MATERIAL INCLUDES POLYVINYL CHLORIDE (PVC), DUCTILE IRON (DI), HIGH-DENSITY POLYETHYLENE (HDPE), DUCTILE IRON PIPE SIZE (DIPS), AND CONCRETE STEEL CYLINDER (CSC). PIPE MATERIAL AND PRESSURE CLASS FOR ALL PIPE DIAMETERS SHALL BE APPROVED BY CANYON REGIONAL WATER AUTHORITY.
2. ALL WATER LINES HAVE 42 INCHES MINIMUM COVER AND 72 INCHES MAXIMUM COVER UNLESS APPROVED BY CRWA.
3. CONTRACTOR SHALL NOT EXCEED THE MAXIMUM TRENCH ALLOWED AS INDICATED IN THE PLANS AND SPECIFICATIONS.
4. DETECTABLE UNDERGROUND WARNING TAPE SHALL BE PLACED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE AND 18 INCHES ABOVE WATER LINE, IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. THE TAPE SHALL CONFORM TO THE SPECIFICATIONS AND COLOR CODED IN ACCORDANCE WITH APWA UNIFORM COLOR CODE.
5. PIPE BEDDING PLACED BEFORE PIPING IS LAID UP TO BOTTOM OF PIPE COMPACTED TO 97% AASHTO DENSITY.
6. PLACE IN 12 INCH LIFTS AFTER PIPE IS LAID TO 12 INCHES ABOVE THE PIPE.
7. SELECT BACKFILL MATERIAL PLACED TO REQUIRED HEIGHT IN 6 INCH LIFTS.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	TRENCH DETAIL FOR NON-PAVED AREAS	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-4

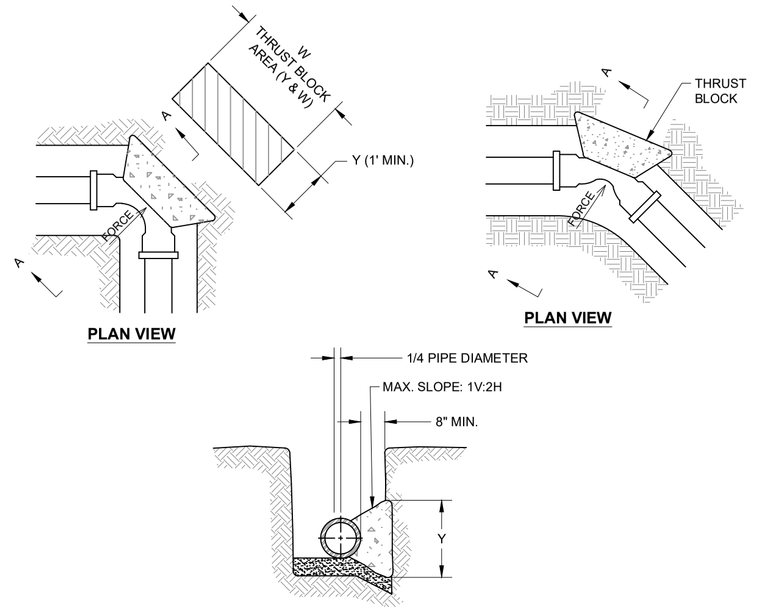


MINIMUM THRUST BLOCK AREA REQUIRED (Y AND W)		
PIPE SIZE	WATER PIPE	
	TEE, DEAD END, 90° BEND	45° AND 22.5° BENDS
4" & LESS	3 SQ. FEET	3 SQ. FEET
6"	4 SQ. FEET	3 SQ. FEET
8"	6 SQ. FEET	3 SQ. FEET
10"	9 SQ. FEET	5 SQ. FEET
12"	13 SQ. FEET	7 SQ. FEET
16"	23 SQ. FEET	12 SQ. FEET
18"	29 SQ. FEET	15 SQ. FEET

NOTES:

1. TABLE IS BASED ON SOILS WITH A MINIMUM BEARING CAPACITY OF 3,000 PSF. IF CONDITIONS ARE FOUND TO INDICATE SOIL BEARING IS LESS, THE AREAS SHALL BE INCREASED ACCORDINGLY.
2. AREAS FOR PIPE LARGER THAN 18 INCHES SHALL BE RESTRAINED AND DESIGNED BY THE PROJECT LICENSED PROFESSIONAL ENGINEER.
3. THRUST BLOCKS SHALL EXTEND TO UNDISTURBED GROUND. CONCRETE SHALL BE CLASS "C" (MIN. 2,500 PSI).
4. FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT WITH A MINIMUM PRESSURE RATING OF 250 PSI AND SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA A21.10/C110 OR A21.53/C153.
5. CONTRACTOR TO JOINT RESTRAIN ALL CONNECTIONS TO EXISTING LINES, VALVES, AND FITTINGS IN ALL DIRECTIONS.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CONCRETE THRUST BLOCKING (1 OF 2)	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-5



MINIMUM THRUST BLOCK AREA REQUIRED (Y AND W)		
PIPE SIZE	WATER PIPE	
	TEE, DEAD END, 90° BEND	45° AND 22.5° BENDS
4" & LESS	3 SQ. FEET	3 SQ. FEET
6"	4 SQ. FEET	3 SQ. FEET
8"	6 SQ. FEET	3 SQ. FEET
10"	9 SQ. FEET	5 SQ. FEET
12"	13 SQ. FEET	7 SQ. FEET
16"	23 SQ. FEET	12 SQ. FEET
18"	29 SQ. FEET	15 SQ. FEET

NOTES:

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4. FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT WITH A MINIMUM PRESSURE RATING OF 250 PSI AND SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA A21.10/C110 OR A21.53/C153.
5. CONTRACTOR TO JOINT RESTRAIN ALL CONNECTIONS TO EXISTING LINES, VALVES, AND FITTINGS IN ALL DIRECTIONS.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CONCRETE THRUST BLOCKING (2 OF 2)	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-5

DRAFT

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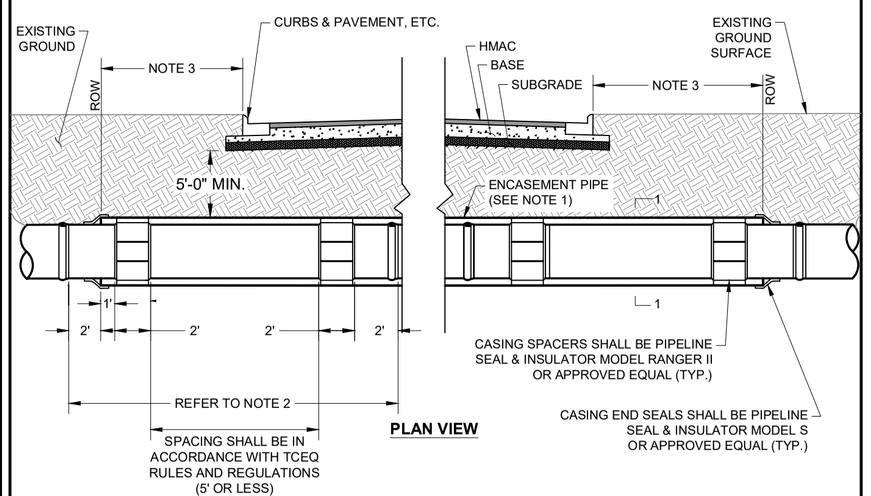
CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT
100% DESIGN REVIEW SET

WATER DETAILS SHEET 1

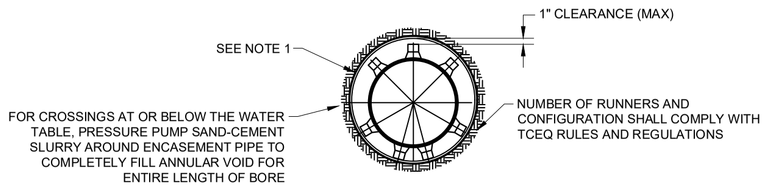
NO.	REVISIONS	APPD.	DATE

SCALE:
DATE:
PROJECT NO: 6084-11
DESIGNED BY: BK
DRAWN BY: BK
CHECKED BY: DK
SHEET NO. D-1
OF 9 SHEETS

FILE: P:\Projects\6084_CRWA\11 – Conflict at Choctaw\DVCAD\Sheets\WATER DETAILS.dwg TAB: WATER DETAILS SHEET 1 PLOTTED: 8/13/2025 5:58 PM BY: DUSTINM



PLAN VIEW

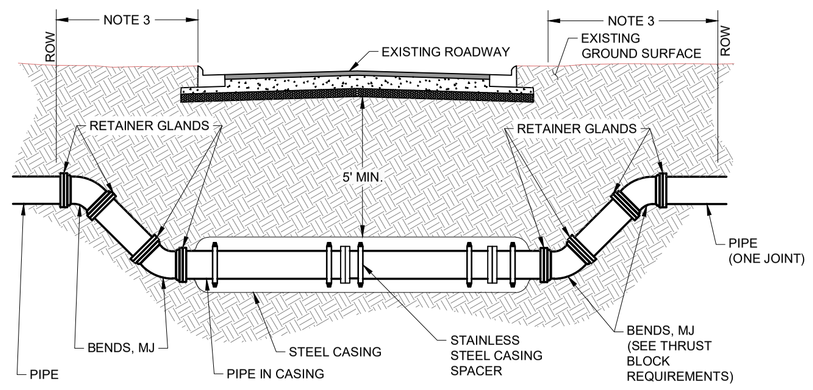


SECTION VIEW (1-1)

NOTES:

1. ENCASEMENT PIPE SHALL BE NEW STEEL PIPE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C200, LATEST EDITION.
2. ALL PIPE JOINTS WITHIN THE CASING ARE TO BE RESTRAINED WITH AN APPROVED METHOD FOR ENTIRE LENGTH OF THE ENCASEMENT PIPE PLUS 10 FEET ON EACH SIDE.
3. FOR ROADWAY CROSSINGS, THE ENDS OF THE CASING PIPE SHALL EXTEND TO THE RIGHT OF WAY LINES.
4. ALL PIPE FITTINGS, VALVES, AND APPURTENANCES SHALL MATCH OR EXCEED PIPE CLASS RATING AS SHOWN ON THE PLANS.
5. TCEQ RULES AND REGULATIONS ON SANITARY SEWER, STORM SEWER, AND WATER MAIN CROSSINGS AND SEPARATIONS SHALL BE MAINTAINED.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	TYPICAL JACKING, BORING, AND TUNNELING DETAIL	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-7



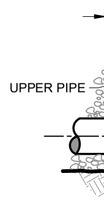
ROADWAY BORE DETAIL

NOTES:

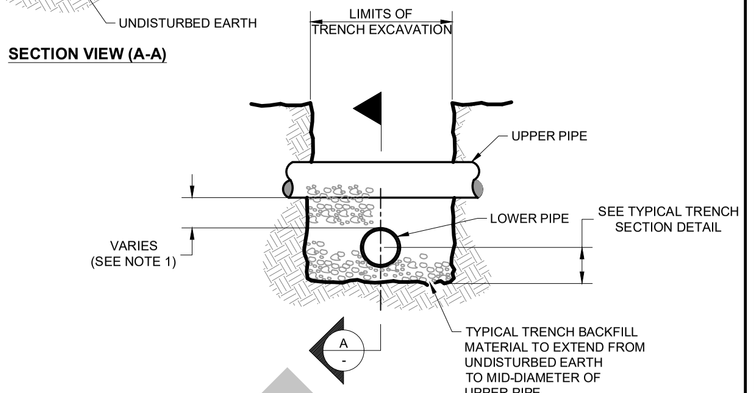
1. ALL PIPE IN ENCASEMENT PIPE SHALL BE RESTRAINED WITH AN APPROVED METHOD FOR ENTIRE LENGTH OF THE ENCASEMENT PIPE PLUS 10 FEET ON EACH SIDE.
2. FOR A PIPE 20 FEET IN LENGTH, A MINIMUM OF 5 SPACERS ARE REQUIRED. FOR A PIPE 13 FEET IN LENGTH, A MINIMUM OF 3 SPACERS ARE REQUIRED.
3. AT ANY ROADWAY CROSSING THE PIPE SHALL BE STEEL ENCASED AND HAVE A MINIMUM OF 5 FEET OF COVER FROM THE BOTTOM OF THE BASE MATERIAL.
4. FOR ROADWAY CROSSINGS, THE ENDS OF THE CASING PIPE SHALL EXTEND TO THE RIGHT OF WAY LINES.
5. ALL PIPE FITTINGS, VALVES, AND APPURTENANCES SHALL MATCH OR EXCEED CLASS RATING OF PIPE AS SHOWN ON THE PLANS.
6. SEE ENCASEMENT DETAIL WITH ENCASEMENT SPACER DETAIL W-7.

WATER LINE IN ENCASEMENT PIPE			
WATER LINE SIZE (INCHES)	NOM. DIA. STEEL (INCHES)	ENCASEMENT PIPE THICKNESS (INCHES)	PIPE WEIGHT (LBS./FT.)
6	18	0.375	70.59
8	24	0.375	94.62
12	24	0.375	94.62
16	30	0.375	118.65
20	36	0.438	166.19
24	42	0.438	194.02
30	48	0.50	259.02
36	54	0.50	291.07

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	INSTALLATION OF PIPE IN STEEL ENCASEMENT UNDER ROADS	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-8



SECTION VIEW (A-A)



TYPICAL SECTION

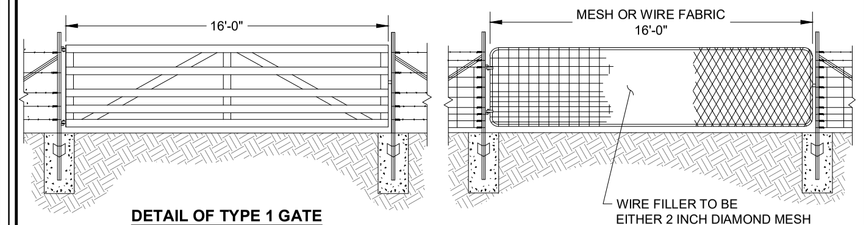
NOTES:

1. MAINTAIN A MINIMUM 9 FOOT HORIZONTAL AND 2 FOOT VERTICAL SEPARATION, IN ACCORDANCE WITH TCEQ CHAPTER 217 AND 290 REQUIREMENTS, FROM BETWEEN UTILITIES AND WATER AND WASTEWATER PIPES AND SERVICES. GAS, ELECTRIC, CABLE, ETC. TO BE LOCATED OPPOSITE SIDES OF PROPERTIES.
2. UTILITY CROSSINGS SEPARATED BY LESS THAN 5 FEET SHALL BE ENCASED WITH A MINIMUM OF 6 INCHES OF CONCRETE. IN ACCORDANCE WITH TCEQ RULES AND REGULATIONS.
3. SPECIFICATIONS: BEDDING MATERIAL MUST BE APPROVED BY AUTHORIZED CRWA PERSONNEL, BEFORE START OF JOB.
4. AT ANY CREEK CROSSING OR DRAINAGE DITCH THE MAIN SHALL BE ENCASED WITH STEEL PIPE AND/OR 6 INCHES CONCRETE ENCASEMENT TO WITHIN 10 FEET OUTSIDE OF CREEK OR DRAINAGE DITCH AREA.
5. PIPE JOINTS SHALL BE AT LEAST 9 FEET HORIZONTALLY FROM CROSSINGS, IN ACCORDANCE WITH TCEQ RULES AND REGULATIONS.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	UTILITIES CROSSING DETAIL	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-10

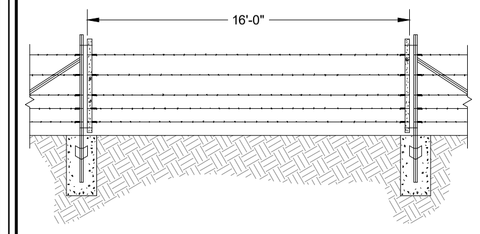
NOTE:

METAL GATE SHALL CONSIST OF 5 PANELS NOT LESS THAN 4'-4" HIGH AND SHALL BE MANUFACTURED WITH 1 1/2" ALUMINUM OR GALVANIZED METAL PIPE. GATE AND HARDWARE SHALL MEET THE APPROVAL OF THE ENGINEER.

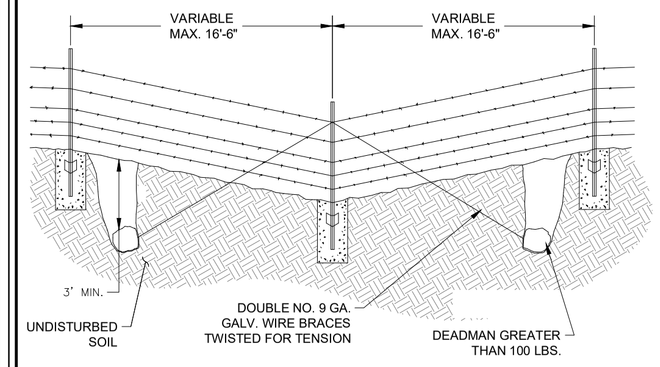


DETAIL OF TYPE 1 GATE

DETAIL OF TYPE 2 GATE

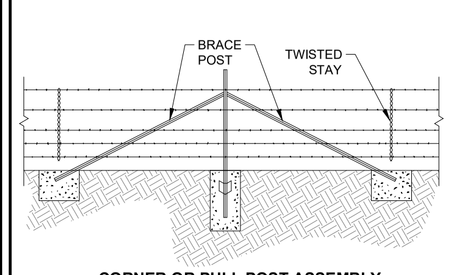


DETAIL OF TYPE 3 GATE



DETAIL OF FENCE SAG

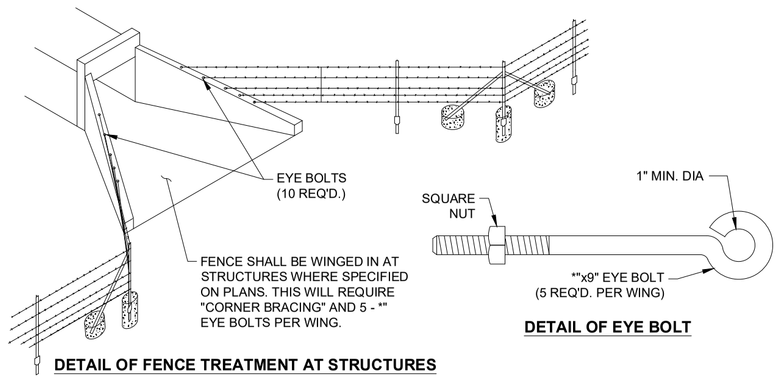
CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	BARBED WIRE FENCE AND WOVEN WIRE FENCE WITH STEEL POSTS (1 OF 2)	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-18



CORNER OR PULL POST ASSEMBLY

NOTES:

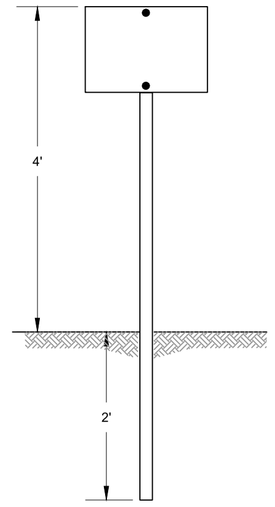
1. ANY HIGH POINT WHICH INTERFERES WITH THE PLACING OF WIRE MESH SHALL BE EXCAVATED TO PROVIDE A 2 INCH CLEARANCE.
2. LATCHES FOR TYPE 1 AND TYPE 2 GATES SHALL BE OF THE SPRING, FORK, OR CHAIN TYPE.
3. CONCRETE SHALL BE OF THE DESIGN AND CONSISTENCY APPROVED BY THE ENGINEER AND SHALL CONTAIN NOT LESS THAN 4 SACKS OF CEMENT PER CUBIC YARD.
4. HINGES FOR TYPE 2 GATES SHALL BE A COMMERCIAL DESIGN APPROVED BY THE ENGINEER SUITABLE FOR THE POST AND GATE.
5. ANCHOR PLATES SHALL BE OF A DESIGN AND THICKNESS SUFFICIENT TO PREVENT TURNING OF THE POST IN FIRM SOIL. METAL END, CORNER, AND PULL POST SHALL BE A MINIMUM OF 2 INCH INSIDE DIAMETER PIPE (3.65 LBS./L.F.), WITH A 2 INCH INSIDE DIAMETER PIPE BRACE (2.27 LBS./L.F.), 2"x2 "x." ANGLE (4.1 LBS./LIN.FT.) 2"x2"x." ANGLE BRACE (3.19 LBS./LIN.FT.) OR OTHER SECTION APPROVED BY THE ENGINEER. FASTENERS FOR SECURING BARBED WIRE OR WIRE MESH TO METAL POSTS SHALL BE A MINIMUM OF 11 GAUGE GALVANIZED STEEL WIRE. TUBULAR POSTS SHALL BE FITTED WITH WATER TIGHT MALLEABLE IRON CAPS.
6. METAL LINE POSTS SHALL BE NOT LESS THAN 6' IN LENGTH AND SHALL WEIGH NOT LESS THAN 1.33 LBS./L.F.
7. ALL FENCING MATERIALS AND GATES SHALL BE APPROVED BY CRWA PRIOR TO INSTALLATION.

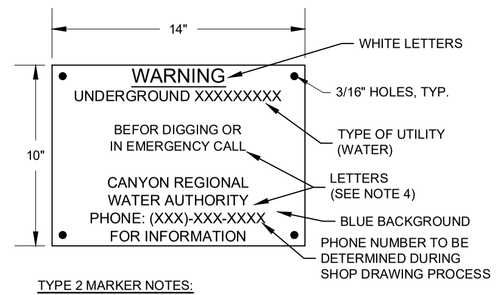


DETAIL OF FENCE TREATMENT AT STRUCTURES

DETAIL OF EYE BOLT

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	BARBED WIRE FENCE AND WOVEN WIRE FENCE WITH STEEL POSTS (2 OF 2)	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-18





TYPE 1 MARKER NOTES:

1. REFERENCE TYPE 2 MARKER DETAIL FOR SIGN REQUIREMENTS. ATTACHMENT HOLES WILL DIFFER.
2. POST SHALL BE DRIVE-IN TYPE GALVANIZED U-CHANNEL(MCMASTER-CARR 5735T61 OR EQUAL.)
3. USE 1/4" DIAMETER STAINLESS STEEL BOLTS, FLAT WASHERS, AND LOCK NUTS TO ATTACH SIGN TO POST. INSTALL FLAT WASHERS ON BOLTS AND NUTS. DO NOT OBSTRUCT LETTERING.
4. TYPE 1 MARKERS ARE REQUIRED IN UNPAVED AREAS AT ALL MANHOLES, MAIN LINES BENDS, VALVES, AIR RELEASE VALVES, TEST STATIONS, BLOW-OFF/DRAIN VALVES, HYDRANTS, LINE PLUGS OR CAPS. ROAD CROSSING, AT 500' INTERVALS ALONG THE PIPELINE, AND AT ANY OTHER LOCATIONS INDICATED ON THE DRAWINGS, OR AS DIRECTED BY CRWA.

TYPE 2 MARKER NOTES:

1. SIGNS SHALL BE 0.080' THICK ALUMINUM WITH WHITE BACKGROUND FINISH
2. INSTALL TYPE 2 MARKERS ON PIPE CENTERLINE AT GATE AND FENCE CROSSINGS AND AT ANY OTHER LOCATIONS INDICATED BY GRWA.
3. ATTACH TO GATES AND FENCES WITH 14 GAUGE STAINLESS STEEL WIRE.
4. COLORS AND LABELS SHOWN ARE FOR POTABLE WATER.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	PIPELINE MARKERS	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-21



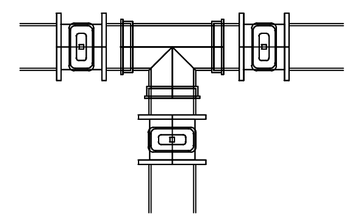
RESTRAINED LENGTH FOR BENDS

PIPE SIZE (INCHES)	BEND ANGLE (DEG)	RESTRAINED LENGTH IN FEET, WHEN TEST PRESSURE = 200 PSI	RESTRAINED LENGTH IN FEET, WHEN TEST PRESSURE = 150 PSI
6	90	23	17
6	45	9	7
6	22.5	5	3
6	11.25	2	2
8	90	30	22
8	45	12	9
8	22.5	6	4
8	11.25	3	2
12	90	43	32
12	45	18	13
12	22.5	8	6
12	11.25	4	3
16	90	63	47
16	45	26	20
16	22.5	13	10
16	11.25	7	5
24	90	85	64
24	45	35	27
24	22.5	17	13
24	11.25	9	7

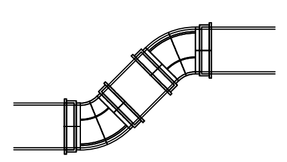
NOTES:

1. RESTRAINED LENGTH CALCULATIONS FOR P.V.C PIPE BEDDED IN COMPACTED GRANULAR MATERIAL EXTENDING TO THE TOP OF THE PIPE. NATIVE SOIL MATERIAL IS ASSUMED TO BE INORGANIC CLAY OF HIGH PLASTICITY. DEPTH OF BURY IS ASSUMED TO BE 4 FEET.
2. THESE CALCULATIONS ARE PROVIDED FOR REFERENCE ONLY. THE RESTRAINED LENGTH SHALL BE DESIGNED BY THE LICENSED PROFESSIONAL DESIGN ENGINEER BASED UPON THE CONDITIONS ENCOUNTERED DURING INSTALLATION.

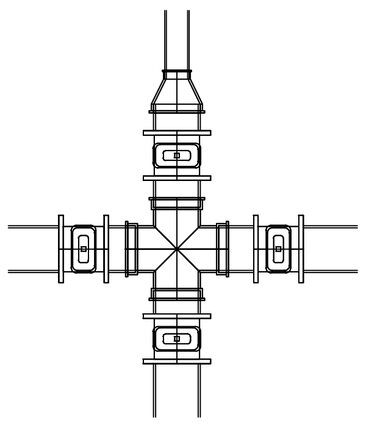
CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	BEND RESTRAINED LENGTH DESIGN	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-22



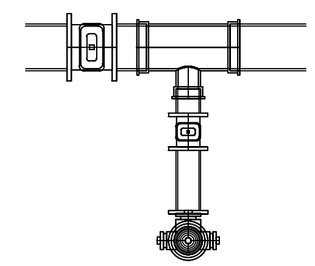
TYPICAL TEE CONDITION



TYPICAL FITTING TO FITTING CONDITION



TYPICAL CROSS CONDITION



TYPICAL FIRE HYDRANT CONDITION

NOTE:

1. FOSTER ADAPTORS, OR APPROVED EQUAL, REQUIRED AT ALL FITTING TO FITTING CONNECTIONS AND FITTING TO VALVE CONNECTIONS.
2. ANCHOR COUPLINGS MAY BE SUBSTITUTED FOR FOSTER ADAPTORS AT CRWA'S DISCRETION.

CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	MECHANICAL JOINT ADAPTOR DETAIL	
REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-26

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1011 N. Lamar, Austin, TEXAS 78703 PH: (830) 214-0267
Texas Engineering Firm F-18122

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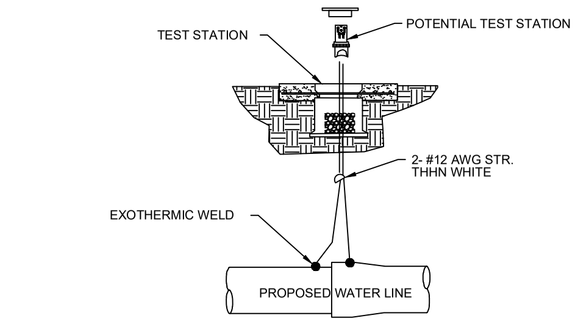
CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT
100% DESIGN REVIEW SET

WATER DETAILS SHEET 2

NO.	REVISIONS	APPD.	DATE

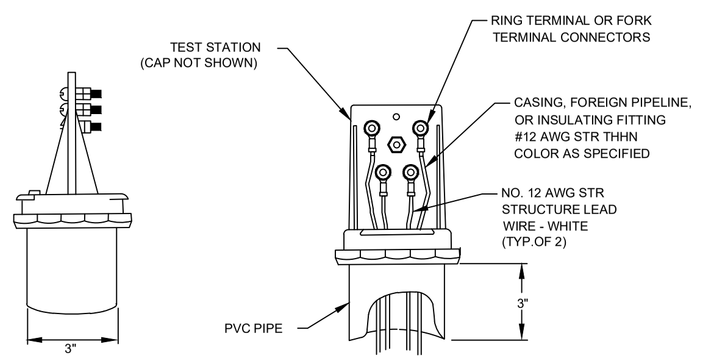
SCALE:
DATE:
PROJECT NO:5084-11
DESIGNED BY:BK
DRAWN BY:BK
CHECKED BY:DK
SHEET NO.
D-2
OF 9 SHEETS

FILE: P:\Projects\5084_CRWA\11 – Conflict at Channel D\CAD\Sheets\WATER DETAILS.dwg TAB: WATER DETAILS SHEET 2 PLOTTED: 9/13/2024, 3:58 PM BY: DUSTIN M



NOTE:
1. INSTALL TEST LEADS ON CONTRACT PIPELINE A THE NEAREST PIPE JOINT TO THE TEST STATION NUMBER

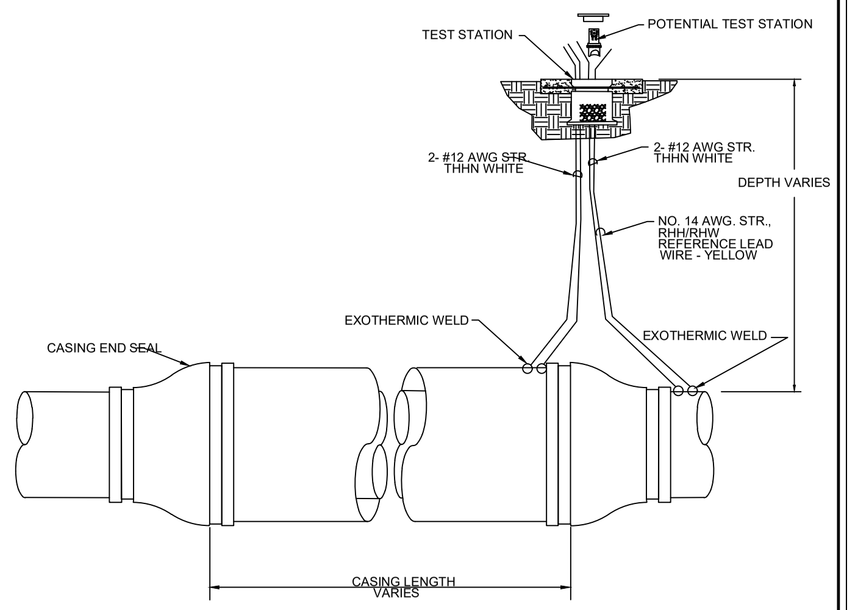
EXOTHERMIC WELD DETAIL



NOTES:
1. USE A PROPERLY SIZED STAKING TOOL TO CONNECT THE TERMINAL CONNECTION TO EACH LEAD WIRE.
2. EXTEND TEST LEAD WIRES A MINIMUM OF 18" ABOVE FINISHED GRADE. COIL WIRE NEATLY INSIDE TEST STATION.

POTENTIAL TEST STATION HARDWARE DETAIL ASSEMBLY

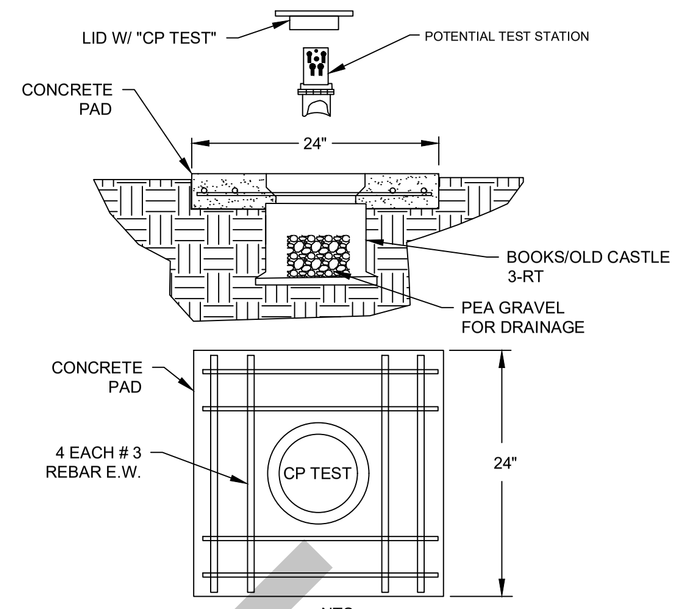
	CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CATHODIC PROTECTION DETAILS (1 OF 5)	
	REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-28



NOTES:
1. INSTALL TEST LEADS ON CONTRACT PIPELINE AT THE NEAREST PIPE JOINT TO THE TEST STATION NUMBER.
2. INSTALL TEST LEADS ON CASING.

CASTING TEST STATION TYPICAL

	CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CATHODIC PROTECTION DETAILS (2 OF 5)	
	REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-28

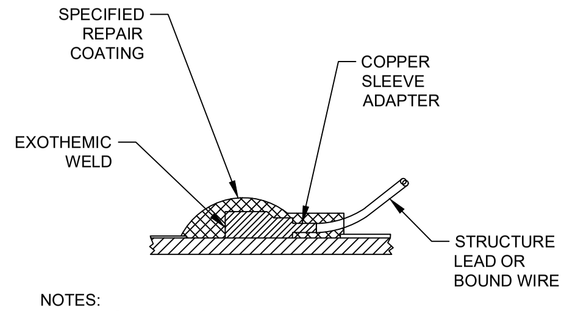


NTS

NOTES:
1. ALL FLUSH-TO-GRADE TEST STATIONS LOCATED IN UNPAVED AREAS SHALL BE PLACED IN A CONCRETE PAD.
2. THE CONCRETE PAD DIMENSIONS SHALL BE AS SHOWN.
3. ALL TEST STATION SHALL BE IDENTIFIED WITH THE LEGEND "CP TEST" ON THE LID.
4. TEST STATION LOCATIONS MAY BE MOVED SLIGHTLY TO ACCOMODATE SITE CONDITIONS AND LOCATIONS OF PIPE JOINTS. DO NOT INSTALL TEST STATION LEAD WIRES AT PIPE MID POINTS.
5. THE CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" LAY SCHEDULE SHOWING TEST STATION LOCATIONS AND TEST STATION LEAD WIRE LENGTHS
6. THE LAY SCHEDULE SHALL BE TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE INSTALLATION FOR THEIR USE IN FINAL ACCEPTANCE TESTING.

TEST STATION INSTALLATION DETAILS

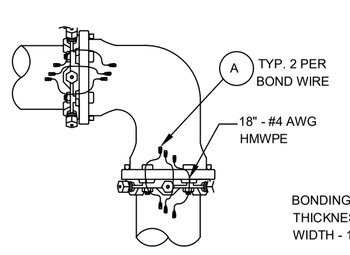
	CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CATHODIC PROTECTION DETAILS (3 OF 5)	
	REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-28



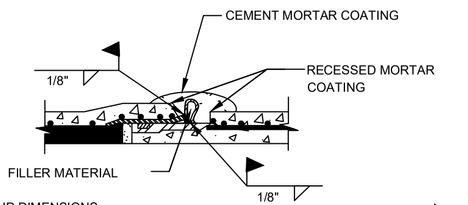
NOTES:
1. REMOVE ENOUGH COATING FOR WELD.
2. FILE OR GRIND SURFACE TO NEAR WHITE METAL, WIRE BRUSH TO REMOVE ALL OIL, DUST, OR GRIT.
3. FOLLOW MANUFACTURER'S WRITTEN DIRECTIONS.
4. USE SLEEVE ADAPTERS ON ALL WELDS FOR #10 AND SMALLER WIRE
5. REPAIR DAMAGE TO COATING WITH SPECIFIED COATINGS.

EXOTHERMIC WELD DETAIL

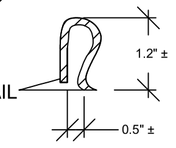
	CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CATHODIC PROTECTION DETAILS (4 OF 5)	
	REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-28



DI BOND DETAIL (TYPICAL)



BONDING CLIP DIMENSIONS:
THICKNESS = 0.134" *
WIDTH - 1.25" *



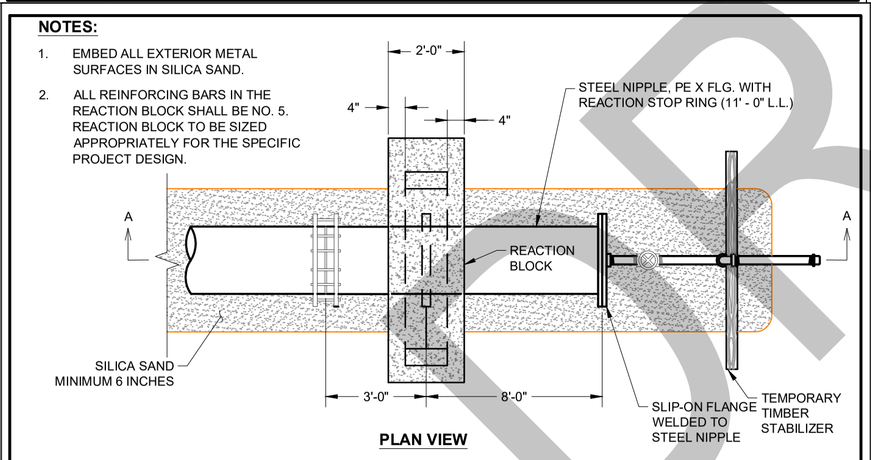
CONCRETE PIPE BOND DETAIL

NOTES:
1. INSTALL THE NUMBER OF STEEL BONDING CLIPS ASTM A366 OR EQUAL, CRIMPED OVER A LYTHERM FILLER STRIP.
2. PLACE BONDING CLIPS IN EXTERIOR JOINT RECESS AS SHOWN.
3. WELD CLIP TO BELL AND SPIGOT USING1/8" FILLET WELD.
4. REMOVE SLAG FROM WELD AND FILL RECESS WITH CEMENT MORTAR COVERING ALL EXPOSED STEEL.
5. TWO (2) BOND WIRES PER JOINT.

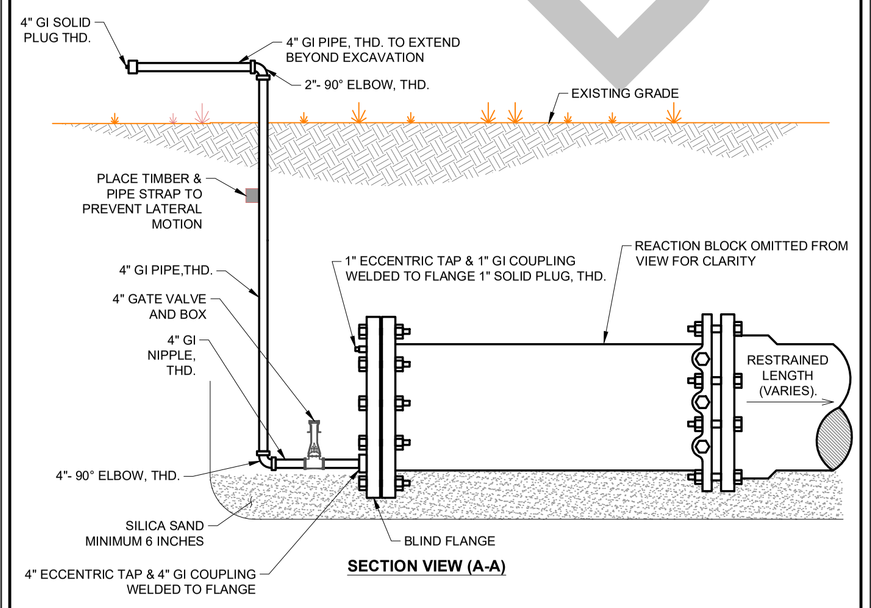
CONTINUITY BOND DETAILS

	CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	CATHODIC PROTECTION DETAILS (5 OF 5)	
	REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-28

NOTES:
1. EMBED ALL EXTERIOR METAL SURFACES IN SILICA SAND.
2. ALL REINFORCING BARS IN THE REACTION BLOCK SHALL BE NO. 5. REACTION BLOCK TO BE SIZED APPROPRIATELY FOR THE SPECIFIC PROJECT DESIGN.



PLAN VIEW



SECTION VIEW (A-A)

	CANYON REGIONAL WATER AUTHORITY STANDARD DETAILS	4" TEMPORARY BLOW-OFF ASSEMBLY ON 20" OR LARGER MAINS (JOINT RESTRAINT)	
	REVISED: JULY 2024	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W-31

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1011 N. Lamar Austin, TEXAS 78703 PH: (830) 214-0267
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CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT
100% DESIGN REVIEW SET

WATER DETAILS SHEET 3

NO.	REVISIONS	APPD.	DATE

SCALE:
DATE:
PROJECT NO:6084-11
DESIGNED BY: BK
DRAWN BY: BK
CHECKED BY: DK
SHEET NO. D-3
OF 9 SHEETS

FILE: P:\Projects\6084_CRWA\11 – Conflict at Channel D\CAD\Sheets\WATER DETAILS.dwg TAB: WATER DETAILS SHEET 3 PLOTTED: 8/13/2025 3:59 PM BY: DUSTINM

Attachment "B"
Accounting Method

☒ Not Applicable

☐ **Actual Cost Method of Accounting**

The Utility accumulates cost under a work order accounting procedure prescribed by the Federal or State regulatory body and proposes to request reimbursement for actual direct and related indirect costs.

☐ **Lump Sum Method of Accounting**

The Utility proposed to request reimbursement based on an agreed lump sum amount supported by a detailed cost analysis.

DRAFT

Attachment "C"
Schedule of Work

☒ Not Applicable

Estimated Start Date (mm/dd/yyyy): , subject to physical work restrictions prior to the issuance of environmental clearance as required by the provisions of this agreement. (If construction will be joint bid and included in the highway contract, enter the project let date.)

Estimated Duration (number of days):

Estimated Completion Date (mm/dd/yyyy):

DRAFT

Attachment "D"
Statement Covering Contract Work

☐ Not Applicable

Construction Contract: Complete form ROW-U-48 and ROW-U-48-1 if applicable.

☐ The Utility will use its own personnel (supporting documentation will be required at the time of billing, See ROW Utilities Manual, Chapter 11).

☒ The Utility will use third party contractors to perform the adjustment and complete the attached ROW-U-48 with ROW-U-48-1 (joint bid), if appropriate. (verification of continuing contract rate sheets or copy of bid tabulation will be required at the time of billing)

Engineering Contract:

☐ The Utility will use its own personnel (supporting documentation will be required at the time of billing, See ROW Utilities Manual, Chapter 11).

☒ The Utility will use a consultant contract (verification of fee schedule is required).

☐ TxDOT will procure a utility engineering consultant.

DRAFT

Initial	Date	Initial	Date
TxDOT		Utility	

STATEMENT COVERING UTILITY CONSTRUCTION CONTRACT WORK
(AS APPEARING IN ESTIMATE)

U-Number: N/A
Utility ID: U00009529
ROW CSJ Number: 0025-03-099
District: 15 - San Antonio
County: Guadalupe
Highway No.: IH 10
Federal Project No.: F 2022(097)

I, Brandon Rohan, a duly authorized and qualified representative of Canyon Regional Water Authority, hereinafter referred to as **Owner**, am fully cognizant of the facts and make the following statements in respect to work which will or may be done on a contract basis as it appears in the estimate to which this statement is attached.

It is more economical and/or expedient for **Owner** to contract this adjustment, or **Owner** is not adequately staffed or equipped to perform the necessary work on this project with its own forces to the extent as indicated on the estimate.

Procedure to be Used in Contracting Work

☒ A. Solicitation for bids is to be accomplished through open advertising and contract is to be awarded to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed. Associated bid tabulations will be provided to the **State**.

☐ B. Solicitation for bids is to be accomplished by circulating to a list of pre-qualified contractors or known qualified contractors and such contract is to be awarded to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed. Associated bid tabulations will be provided to the **State**. Such presently known contractors are listed below:

1.
2.
3.
4.
5.

☐ C. The work is to be performed under an existing continuing contract under which certain work is regularly performed for **Owner** and under which the lowest available costs are developed. The existing continuing contract will be made available to the **State** for review at a location mutually acceptable to the **Owner** and the **State**. If only part of the contract work is to be done under an existing contract, give detailed information by attachment hereto.

☐ D. The utility proposes to contract outside the foregoing requirements and therefore evidence in support of its proposal is attached to the estimate in order to obtain the concurrence of the **State**, and the Federal Highway Administration Division Engineer where applicable, prior to taking action thereon (approval of the agreement shall be considered as approval of such proposal).

☒ E. The utility plans and specifications, with the consent of the **State**, will be included in the construction contract awarded by the **State**. In the best interest of both the **State** and the **Owner**, the **Owner** requests the **State** to include the plans and specifications for this work in the general contract for construction of Highway _____ in this area, so that the work can be coordinated with the other construction operations; and the construction contract is to be awarded by the **State** to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed. If this option is chosen, attach form ROW-U-48-1, the terms of which are incorporated herein by reference.

Signature
Date

Board President
Title

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Attachment One

GENERAL FORMAT FOR SERVICE ORDER

SERVICE ORDER
CANYON REGIONAL WATER AUTHORITY ("CRWA")
MASTER SERVICES AGREEMENT NO. _____

PROJECT NAME: TxDOT IH-10 CRWA Conflict at Channel D Relocation Project
PROJECT NO.:
SERVICE ORDER NO.: 4
COMMENCEMENT DATE:

This Service Order is executed by any between the Canyon Regional Water Authority ("**CRWA**") and Utility Engineering Group, PLLC ("**Engineer**"). CRWA and Engineer agree that all of the Services authorized by this Service Order shall be subject to the terms and conditions of CRWA's Master Services Agreement for Professional Engineering Services between CRWA and Engineer ("**Agreement**"). Upon execution of this Service Order, the Agreement shall be incorporated into and be considered part of this Service Order as if set forth herein in its entirety.

Any capitalized terms in this Service Order that are not defined herein shall have the meanings given to them in the Agreement. If there is any inconsistency between the terms of this Service Order and the terms of the Agreement, the terms of this Service Order will control.

Engineer will provide the Services described in the Services of Engineer below in connection with the Specific Project described below.

1. Description of Specific Project:
The project includes the design of the relocation of CRWA's existing 30" water transmission main that crosses IH-10 just west of the intersection of Santa Clara Road and IH-10. The existing 30" water transmission main to be relocated was constructed with CRWA's IH-10 Bore Crossing Project in 2014. The relocation will include approximately 500 linear feet of 30" transmission main, associated casing pipe, and connections to the existing CRWA 24" concrete pressure pipe (C303) and to the existing 30" ductile iron, CL200 water transmission mains. This proposed relocation is required due to a conflict with proposed Texas Department of Transportation (TxDOT) Channel D, along the east bound frontage road at TxDOT centerline STA 15102+70 associated with TxDOT's proposed IH-10 expansion project between the Cibolo Creek and Linne Road (TxDOT Project No. CSJ 0025-03-097). The proposed Scope of Services is provided below.

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2. **Services of Engineer (Scope of Services)**

A. The specific services to be provided or furnished by Engineer under this Service Order are:

☐ set forth the attached **Exhibit A**, which is incorporated herein.

☒ as follows:

Base Scope of Services - Preliminary Design & Preparation of 90% Design Plans and Specifications:

- UEG will prepare a preliminary design based on TxDOT's proposed right-of-way and plans and design files;
- The project includes the replacement of the existing 30" water transmission main that crosses IH-10 just west of the intersection of Santa Clara Road and IH-10. The relocation is proposed to include approximately 500 linear feet of 30" transmission main, associated casing pipe, and connections to the existing CRWA 24" concrete pressure pipe (C303) and to the existing 30" ductile iron, CL200 water transmission mains. The project also includes the abandonment of the existing facilities based on TxDOT requirements;
- Based on CRWA approval of the preliminary design, UEG will provide a preliminary project schedule and cost estimate for review by the CRWA and TxDOT;
- UEG will assist CRWA with the TxDOT required reimbursement agreement (Standard Utility Agreement and Abandonment Request). It is anticipated that a Supplemental Agreement to the current project TxDOT Standard Utility Agreement will be required;
- It is anticipated that UEG will be able to utilize TxDOT's survey information in order prepare the preliminary water main relocation design documents. Additional on-the-ground survey will be provided for final design as well as parcel boundary information to support the preparation of project easement metes and bounds descriptions and sketches. It is anticipated that up to two (2) separate easements on two (2) separate parcels will be needed to be acquired for the project;
- UEG will prepare 90% design level plans, including provisions for the TxDOT required removal of abandoned water main and casing pipe, and specifications for CRWA review. The plans and specifications will be based on the CRWA's current design standards and standard specifications;
- UEG will coordinate with a right-of-way agent sub-consultant

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to provide right-of-entries and negotiate the acquisition of up to two (2) permanent and temporary construction easements on two (2) separate parcels for the project;

- UEG will assist CRWA Staff with TxDOT coordination throughout the project. This proposal assumes semimonthly meetings over twelve (12) months with TxDOT throughout the design, permitting, and construction phases of the project; and
- UEG will prepare and file the required TxDOT permit application through TxDOT's online RULIS system, as well as prepare and process a permit application with the City of Cibolo as necessary. The project is currently located within the City of Cibolo Extraterritorial Jurisdiction. It's our understanding that this area is currently in the process of being annexed into the City of Cibolo.

Final Bid Set:

- Based on project review comments received; UEG will prepare a final bid set of construction plans, specifications, and front-end bid documents;
- UEG will assist CRWA Staff with the project advertisement and bid, addressing contractor questions as necessary;
- UEG will facilitate the project pre-bid meeting and bid opening; and
- UEG will review the project bids received and provide CRWA Staff with a bid recommendation letter for CRWA Board of Trustees consideration.

Exclusions and Assumptions:

- Geotechnical services are not included;
- Environmental services are not included;
- Subsurface Utility Exploration work is not included in this scope of services;
- Electrical and SCADA design services are not included;
- Redesign services at the Owner's direction are not included; and
- UEG will not be responsible for any permit fees or advertising fees related to the project

B. Resident Project Representative (RPR) Services

If the scope of services established in Paragraph 2.A above includes RPR services, then the RPR shall provide : **N/A**

☐ full time representation; or

☒ part time representation as follows:

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- Based on CRWA Board of Trustees award of the project, UEG will prepare the required number of sets of contract documents;
- UEG will provide construction administration services limited to pre-construction conference coordination, submittal review, contractor requests for information review, contractor payment request review, and construction observation site visits to provide an engineer's certification of completion in accordance with the approved plans. Based on an estimated 4-month construction schedule, we anticipate up to 16 site visits in total;
- Additionally, UEG will coordinate with TxDOT throughout the construction phase of the project including review of the required TxDOT Form 1818, attendance at regular meetings, and project close-out reimbursement coordination with TxDOT; and
- Upon completion of the project, UEG will provide as-built drawings for the CRWA's records.

C. Designing to a Construction Cost Limit

N/A

Under this Service Order, Engineer will design to a Construction Cost Limit of $_____.

D. Other Services

Engineer shall also provide the following services:

N/A

2. CRWA's Responsibilities

CRWA shall have those responsibilities set forth in Section 5.01 of the Agreement, subject to the following:

N/A

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3. Service Order Schedule

The parties shall meet the following schedule:

Party	Action	Schedule
Engineer	Complete Preliminary Design Scope of Services.	Within 6 (eight) weeks of the Commencement Date of the Service Order.
CRWA	Submit comments regarding Preliminary Design Scope of Services to Engineer.	Within 2 (two) weeks of confirmation of completed Preliminary Design Scope of Services from Engineer.
Engineer	Address and Finalize 90% Design Level Scope of Services comments from CRWA.	Within 4 (four) weeks of the receipt of CRWA's comments regarding the Preliminary Design Scope of Services.
CRWA	Submit comments regarding 90% Design Level Scope of Services to Engineer.	Within 2 (two) weeks of confirmation of completed 90% Design Level Scope of Services from Engineer.
Engineer	Address and Finalize 100% Design Level Scope of Services comments from CRWA.	Within 2 (two) weeks of the receipt of CRWA's comments regarding the 90% Design Level Scope of Services.

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Should CRWA not return comments and/or instructions in the time listed in the schedule, the Engineer's schedule for subsequent items will be extended by the same number of days by which CRWA comments or instructions exceed the scheduled review with no further recourse by the Engineer against CRWA.

4. Method of Compensation

A. CRWA shall pay Engineer for services rendered under this Service Order using the following method of compensation:

☐ Lump Sum plus Named Reimbursable Expenses, if any; or

☒ Standard Hourly Rates plus Reimbursable Expenses with a Ceiling Price.

B. If this is a Lump Sum Service Order, CRWA shall pay

Engineer the following lump sum amount for the services described in this Service Order: $ _____. In addition, CRWA shall reimburse Engineer for the following Named Reimbursable Expenses (if any): _____

C. If this is an Hourly Rates Service Order, the Ceiling Price for this Service Order is. $92,651.00.

D. If this is an Hourly Rates Service Order, the estimated amount of compensation payable for each category of services rendered under this Service Order is as follows:

Description of Service	Amount
Base Scope of Services	$ 92,651.00
ESTIMATED TOTAL COMPENSATION (CEILING PRICE)	**$ 92,651.00**

E. The terms of payment are set forth in Article 4 of the Agreement.

5. Consultants and Subcontractors retained or that will be retained as of the Commencement Date of the Service Order:

6. Other Modifications to the Agreement or the Exhibits to the Agreement:

N/A

7. Exhibits or Attachments to this Service Order:

N/A

8. Documents (other than the Agreement) Incorporated by Reference:

N/A

9. Terms and Conditions

Execution of this Service Order by CRWA and Engineer, and approval hereof by CRWA's Board of Trustees, shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this

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reference. Engineer is authorized to begin performance upon its receipt of a copy of this Service Order signed by CRWA and approved by its Board of Trustees.

AGREED:

CRWA	Utility Engineering Group, PLLC ENGINEER
By: [signature]	BY: [signature]
Title: GENERAL MANAGER	Title: David Kneuper, P.E. Vice President
Date: 10/3/'24	Date: 9/24/2024

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UTILITY ENGINEERING GROUP

HOURLY RATE SCHEDULE

January 2024

POSITION	HOURLY RATE
PRINCIPAL– Registered Professional Engineer	$195.00
PROJECT MANAGER – Registered Professional Engineer	$165.00
CONSTRUCTION COORDINATOR	$125.00
GRADUATE ENGINEER/ENGINEER-IN-TRAINING	$110.00
DESIGN TECHNICIAN	$90.00
PROJECT COORDINATOR	$80.00
DRAFTSMAN – CAD Operator	$80.00
ADMINISTRATIVE	$55.00
NON - LABOR EXPENSES	Cost Plus 10%
SUB-CONSULTANTS	Cost Plus 10%

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WORK AUTHORIZATION No. 1

Date: September 4, 2024
Project Name: CRWA – IH-10 Water Line Expansion
Date of Agreement: 10/16/2024

This Work Authorization is made pursuant to the terms and conditions of the Agreement entered into by and between Utility Engineering Group, PLLC, situated in Guadalupe County, Texas, ("the Client") and HRM Land Acquisition Solutions, LLC of Blanco, Blanco County, Texas ("Contractor").

---

1. CONTRACTOR:

HRM Land Acquisition Solutions, LLC
1010 main St., suite 5
Mailing: PO Box 278
Blanco, TX 78606
Attn: H. Rene Moulinet

CLIENT:

Utility Engineering Group, PLLC

191 N. Union Ave.
New Braunfels, TX 78130
Attn: David Kneuper, P.E.

2. SCOPE OF SERVICES

The Contractor shall perform the Basic Services outlined in EXHIBIT A, herein in accordance with the Agreement and directed in writing by the Client.

3. ESTIMATED FEE SCHEDULE as outlined in EXHIBIT B.

4. RATE SCHEDULE as outlined in EXHIBIT C.

5. AUTHORIZATION OF CHANGE IN SERVICES as outlined in EXHIBIT D.

6. SCHEDULE

The Contractor estimates that all the Acquisition Services (EXHIBIT A), will be delivered to the Client within (TBD) days after receipt of a fully executed Master Contract for Canyon Regional Water Authority (CRWA) – IH-10 Water Line Expansion Project and Work Authorization No. 1.

CONTRACTOR:

HRM LAND ACQUISITION SOLUTIONS, LLC

By: Rene Moulinet

Name: H. Rene Moulinet, Jr.
Title: President

CLIENT:

UTILITY ENGINEERING GROUP, PLLC

By: _____

Name: David Kneuper, P.E.
Title: Principal

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EXHIBIT A

BASIC SERVICES

Services to be provided by Contractor

1. **Project Administration**
   - A. Communication
     - (1) Provide monthly summaries of project expenses including amounts authorized, amounts paid and budget forecasting.
     - (2) Maintain current status reports including contact reports of all parcel and project activities and provide monthly to CLIENT.
     - (3) Prepare initial property owner contact list for use by CLIENT in distribution of ROW Contractor introduction letters.
   - B. File Management
     - (1) Project and parcel files will be kept in ROW Contractors office.
     - (2) Prepare invoices utilizing ROW Contractors standard payment submissions forms with supporting documentation.
     - (3) Maintain records of all payments including check number, amount, and date paid, etc.
     - (4) Maintain copies of all correspondence and contacts with property owners.
   - C. Meetings
     - (1) Participate in project review meetings on a monthly basis.

2. **Title Services**
   - A. Secure preliminary Title Commitments or preliminary title search and five-year sales data on parcels from a Title Company that will be providing title insurance.
   - B. Analyze preliminary title report to determine potential title problems, propose methods to cure title deficiencies.
   - C. Perform title curative services necessary in order to obtain the required releases from mortgagors, lien holders and other leasehold interests on all required parcels to CRWA.
   - D. Secure title commitment updates in accordance with insurance rules and requirements for parcel payment submissions. Cost of title commitment updates will be paid by the CRWA.
   - E. Secure title insurance for all parcels acquired, insuring acceptable title to the CRWA. Written approval by the Client required for any exception. Cost of title insurance to be paid by the CRWA.

3. **Right of Entry Agreements**

   Secure rights of entry from designated property owners for the purpose of gaining access for surveying, appraising, field inspection of right of way and other purposes as may be determined.

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4. **Appraisal/ Coordination Services**

A. The ROW Contractor shall arrange and include as part of this agreement services of a State-Certified appraiser, who will furnish an appraisal report that establishes the fair market value of a parcel from which a fair offering price for land and improvements may be determined.

B. Prepare and conduct personal pre-appraisal contact with interest owner(s) for each parcel using acceptable forms.

C. Contact property owners or their designated representative to offer an opportunity to accompany the appraiser on the appraiser's inspection of subject property. Maintain record of contact in file.

D. Prepare complete appraisal report for each parcel to be acquired utilizing approved Forms. These reports shall conform to State policies and procedures along with the Uniform Standards of Professional Appraisal Practices.

E. As necessary, prepare written notification to the Client of any environmental concerns associated with the right of way to be acquired, which could require environmental re-mediation.

F. The cost of the appraiser appearing as an expert witness for testimony at special commissioners hearing or trials is not included in the proposed fee schedule for the appraisers and not part of this contract.

G. As necessary, the appraiser will appear and or testify as an Expert Witness in eminent domain proceedings and be available for pre-hearing or pre-trial meetings as directed by the Client. These services will be negotiated with the Client and is not part of this contract.

5. **Negotiation Services**

A. Analyze CAD market values and or appraisal reports and confirm approved value prior to making offer for each parcel in accordance with Canyon Regional Water Authority "CRWA" policies and procedures.

B. Prepare the initial offer letter, memorandum of agreement, instruments of conveyance, and any other documents required or requested by CRWA on applicable forms.

C. Contact each property owner or owner's designated representative, to present the written offer in person where practical. Maintain follow-up contacts and secure the necessary instruments upon acceptance of the offer for the closing.

D. Provide a copy of the calculation worksheet for the subject property exclusively to the property owner or authorized representative at the time of the offer.

E. ROW Contractor to make a minimum of four (4) contacts per parcel.

F. Respond to property owner inquiries verbally and in writing within two business days.

G. Prepare a separate negotiator contact report for each parcel.

H. Maintain parcel files of original documentation related to the purchase of the permanent easements and temporary construction easements.

I. Advise property owner on the Administrative Settlement process. Transmit to the CLIENT any written counteroffer from property owners including supporting documentation, and ROW Contractor recommendation with regard to Administrative Settlements.

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6. **Curative/Closing Services**

A. If necessary, Contractor will perform all of the title curative services necessary in order to obtain the required releases from mortgagors, lien holders and other leasehold interests on required parcels.

B. Contractor will also request the necessary payment from CRWA, required from mortgagors, lien holders and other leasehold interests for their fees connected with said transactions and Contractor will assemble all pertinent information into working files in such form as to comply with the requirements of UEG and CRWA.

C. The contractor will also assure the recordation of all original instruments in the name of CRWA immediately after the closing of each parcel at the County Clerk's office. The cost of the recording and filing fees are paid by the contractor and reimbursed by UEG and CRWA.

Additional Services. The Client may direct the Contractor to perform services outside of the scope of the EXHIBIT A, Basic Services Phase Acquisition Services. Before initiating any additional services, the Contractor will submit a written description of the additional services and an estimate of fees to the Client, and obtain the Client's authorization using the form attached to this Agreement, EXHIBIT D. Compensation for additional services will be in addition to that specified for Basic Services.

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EXHIBIT B

Estimated Fee Schedule

THE MAXIMUM AMOUNT PAYABLE FOR BASIC SERVICES UNDER WORK AUTHORIZATION NO. 1 WITHOUT MODIFICATION IS AS FOLLOWS:

Estimated Budget for (2) Parcels (2 Owners), consisting of Permanent Easement and Temporary Construction Easements within Guadalupe County, Texas as depicted in Exhibit A:

Work Product	Per Parcel Cost	Services for Parcels
TASK 1 – PROJECT ADMINISTRATION	$ 735/parcel x 2=	$ 1,470
TASK 2 – TITLE COORDINATION	$ 630/parcel x2=	$1,260
TASK 3 – RIGHT OF ENTRY SERVICES	$ 650/parcel x 2=	$ 1,300
TASK 4 –APPRAISAL SERVICES	$ 3,700/parcel x 2=	$ 7,400
TASK 5 – NEGOTIATION SERVICES	$ 2,300/parcel x 2=	$4,600
TASK 6 – CURATIVE/CLOSING	$ 475/parcel x 2=	$ 950
Direct Expenses (copies, postage, mileage)	$ 315/parcel x 2=	$ 630
CONTRACT TOTAL		$ 17,610

This Work Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

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EXHIBIT C

RATE SCHEDULE

Fees shall be billed on a direct hourly basis at the following 2024/2025 rates:

CLASSIFICATION	Per Hour Rate
Program Manager	**$127.30 per hour**
Sr. Acquisition Agent	**$112.00 per hour**
Title Agent	**$ 99.75 per hour**
Administrative Specialist	**$ 55.00 per hour**

The above hourly rates shall remain in effect through the end of the current year. An adjustment of 5% will be made to the fee schedule or per parcel cost to reflect those rates to be charged during any subsequent year. This procedure shall be repeated at the end of each calendar year.

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EXHIBIT D

AUTHORIZATION OF CHANGE IN SERVICES

For

UTILITY ENGINEERING GROUP, PLLC

PROJECT: CRWA – IH-10 Water Line Expansion Project

CONTRACTOR: HRM Land Acquisition Solutions, LLC

CHANGE AUTHORIZATION NO:
ORIGINAL CONTRACT DATE:
DATE OF CHANGE:

WORK TO BE ADDED FROM SCOPE OF SERVICES

Work to be Added:

Total Estimated Net Increase/Decrease in Cost: $

Previous Contract Amount: $
Net Increase/decrease in contract amount: $
Revised contract amount: $

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Requested by:

By: _____

Name: _____
Title: President **Date: 202_**

Approved by:

By: _____

Name: _____

Title: _____ **Date:_____, 202_**

Attachment "E"
Utility Joint Use Agreement – (ROW-U-JUA) and/or RULIS Permit

☒ Not Applicable

☐ Utility Joint Use Agreement (ROW–U–JUA)
☐ Plans with joint use area highlighted are included.

☐ RULIS Permit Number:
The utility should obtain an approved permit before the start of construction inside of the highway right of way.

☐ Quitclaim will be submitted at the Final Billing

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Attachment "F"
Eligibility Ratio

☒ Not Applicable

Eligibility Ratio established:

☐ Non-interstate Highway (Calculations attached)

☐ Interstate Highway

☐ Toll Road (Minimum of 50%)

☐ SP2125 Approved Application (100%)
Minute Order #: _____

☐ Master Utility Agreement

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Attachment "G"
Betterment Calculation and Estimate

☒ Not Applicable

☐ Elective Betterment Ratio established: _____ %
☐ Calculation is attached and the justification is included below
☐ A betterment and an in-kind estimate are included

☐ Forced Betterment
☐ To comply with regulated industry standards, laws, and regulations. (Supporting documentation required)
☐ To comply with published current design practice followed by the utility in its own work. (Supporting documentation required)
☐ Due to proposed roadway design. (Provide explanation below)

☐ Not Applicable

A statement explaining Elective and/or Forced Betterment:

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Attachment "H"
Proof of Property Interest

☐ Not Applicable

☒ Supporting documentation of compensable property interest that establishes reimbursement eligibility as referenced in Texas Transportation Code §203.092.

☐ Property interest is documented through applicable affidavits and required attachments.

☐ ROW-U-Affidavit (See ROW Utilities Manual, Chapter 9, Section 3)

☐ The roadway improvement project is designated as an Interstate Highway project; therefore, no supporting documentation for compensable interest is required. Supporting documentation for existing easements is required for easement replacement.

☐ Toll Road (Supporting documentation of compensable property interest required if more than 50% eligibility ratio is applied)

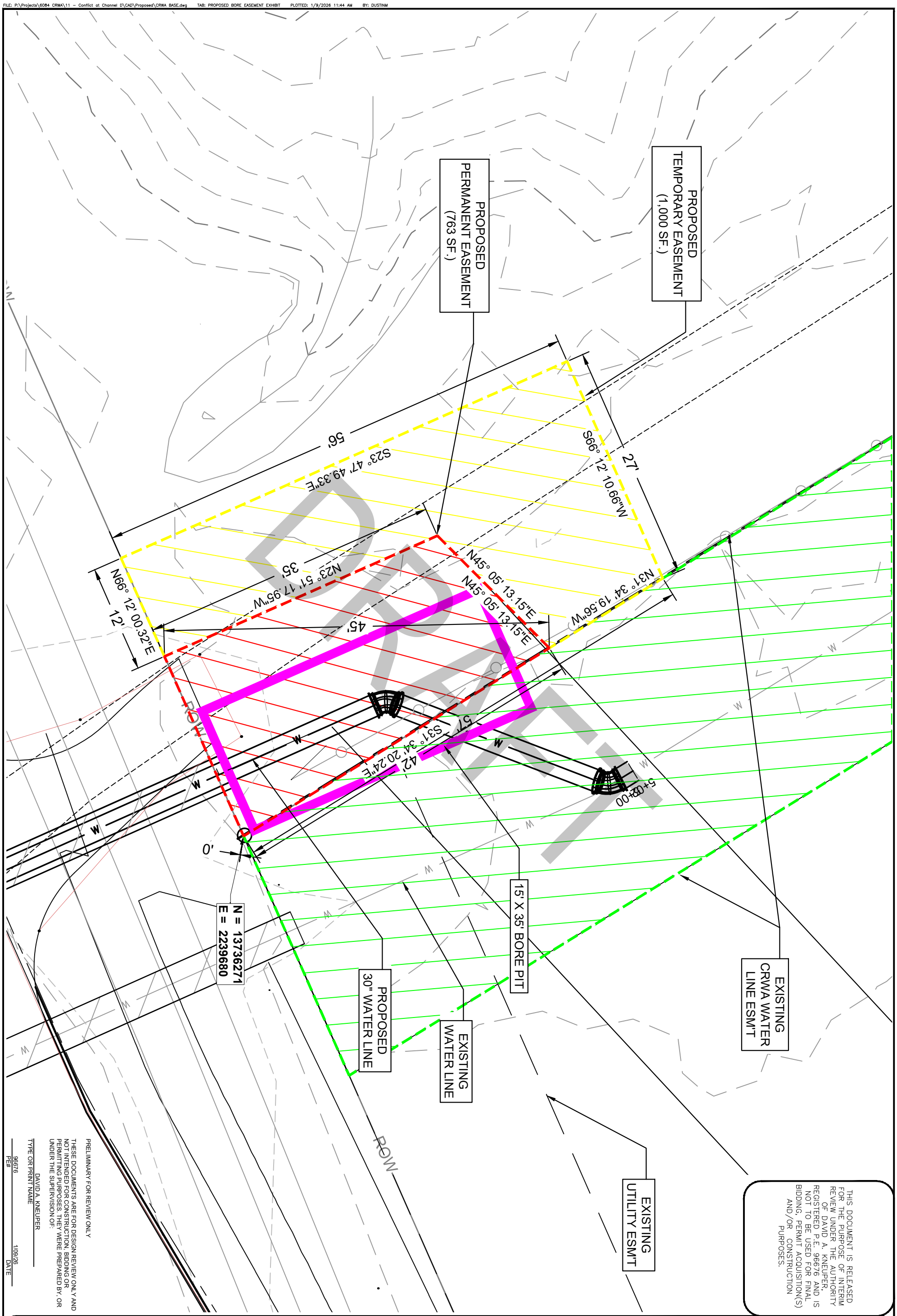
☐ SP2125

☐ Master Utility Agreement

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Initial	Date	Initial	Date
TxDOT		Utility	

FILE: P:\Projects\6084 CRWA\11 - Conflict at Channel D\CAD\Proposed\CRWA BASE.dwg TAB: PROPOSED BORE EASEMENT EXHIBIT PLOTTED: 1/9/2026 11:44 AM BY: DUSTINM



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THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF DAVID A. KNEUPER, REGISTERED P.E. 96676 AND IS NOT TO BE USED FOR FINAL BIDDING, PERMIT ACQUISITION(S) AND/OR CONSTRUCTION PURPOSES.

PRELIMINARY FOR REVIEW ONLY

THESE DOCUMENTS ARE FOR DESIGN REVIEW ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMITTING PURPOSES. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF:

DAVID A. KNEUPER
TYPE OR PRINT NAME

96676
PE#

1/09/26
DATE

NO.	REVISIONS	APPD.	DATE

SCALE: 1" = 10'
DATE: 09 January, 2026
PROJECT NO: 6084-11
DESIGNED BY: BK
DRAWN BY: DM
CHECKED BY: DK

SHEET NO.

OF SHEETS

CANYON REGIONAL WATER AUTHORITY
TXDOT IH10 CRWA CHANNEL D CONFLICT

PROPOSED WATERLINE BORE EASEMENT

UTILITY ENGINEERING GROUP PLLC
256 Corral Ave NEW BRAUNFELS, TEXAS 78130 PH: (830) 214-0521
Texas Engineering Firm F-18712

T/C

VOL4186 PG0338 14-001241

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

PERMANENT AND TEMPORARY CONSTRUCTION EASEMENT
EXCLUSIVE WATER TRANSMISSION LINE AND RIGHT-OF-WAY EASEMENT
CANYON REGIONAL WATER AUTHORITY

STATE OF TEXAS §
§
COUNTY OF GUADALUPE §

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PARCEL NO.: **4101-146 AND 4101-146 TEMP.**

GRANTOR: **GUADALUPE VALLEY DEVELOPMENT CORPORATION**

ADDRESS: **P.O. Box 118, Gonzales, Texas 78629**
County of Gonzales

GRANTEE: **CANYON REGIONAL WATER AUTHORITY**

ADDRESS: **850 Lakeside Pass, New Braunfels, Texas 78130-8233**
County of Guadalupe

GRANT OF EASEMENT RIGHTS:

GRANTOR, for and in consideration of TEN AND NO/100 DOLLARS ($10.00) and other good and valuable consideration in hand paid by CANYON REGIONAL WATER AUTHORITY, a regional water authority created pursuant to Article XVI, Section 59 of the Texas Constitution, the receipt and sufficiency of which are acknowledged by GRANTOR, does grant sell and convey to GRANTEE, its successors and assigns, a thirty foot wide permanent exclusive easement and right-of-way for the installation, construction, operation, maintenance, replacement, repair, upgrade and removal of one or more water transmission lines together with service connections, a cathodic protection system, communication system, pipeline drain valve assemblies, air releases, vacuum valve assemblies, cut-off valves, and all other necessary or desirable above-ground and below-ground appurtenances, (the "Line") in, upon, over, under and across the following described real property situated in Guadalupe County, Texas, and being more particularly described by metes and bounds on the attached Exhibit "A", (the "Property") together with a temporary construction easement in, upon, over and across twenty feet of GRANTOR's adjacent lands and along the Property, as shown on Exhibit "A", which said temporary construction easement shall expire by its

own terms six months after construction is completed, for the purpose of installing and constructing the Line. The easement granted herein is an easement appurtenant and is expressly assignable by GRANTEE. GRANTEE has the right to remove from the Property all trees, brush or vegetation and parts thereof, and any obstructions or encroachments, which may interfere with the exercise of the easement and rights granted to GRANTEE. GRANTOR expressly covenants and agrees for itself, its successors and assigns, that no building or structure of any kind will be placed on the Property.

Upon completion of the Line construction, GRANTEE agrees to restore the surface of the land to as near its condition as existed immediately prior to any such construction, as is reasonably practicable. GRANTEE may place Line markers along the route of the Line.

The consideration paid by GRANTEE to GRANTOR includes full and final payment for any and all damages, if any, to GRANTOR's remaining property and for any and all damages to growing crops, pasturage, timber (trees or brush), which result from the exercise of the rights herein granted during initial construction, and no other damages, rights, or remedies shall be enforceable, collectible or available to GRANTOR, his, her or their heirs, legal representatives, successors, or assigns or parties with whom GRANTOR is in privity of contract. Further, GRANTOR accepts said consideration as full payment for any and all such damages incurred during initial construction and hereby releases GRANTEE from any and all liability for such damages, and waives the right to collect any further or additional damages.

GRANTOR reserves the right to fully use and enjoy the Property so long as such uses and enjoyment do not interfere with and are not inconsistent with the easement and rights granted to GRANTEE.

In the event GRANTEE finds it necessary to cut or disturb any fence or fences, GRANTEE agrees that prior to cutting any such fence or fences, and in order to prevent sagging of the existing fence or fences, the fence shall be properly braced. Temporary gaps required for construction shall be installed and kept closed in order to prevent the passing of livestock through the same. Upon completion of construction, all such gaps shall be restored as part of the permanent fence, except, where necessary, GRANTEE may install permanent metal gates at road crossings and where necessary along said easement.

GRANTOR binds GRANTOR and GRANTOR's heirs and successors to warrant and forever defend all and singular the Property and the above described easements and rights to GRANTEE and GRANTEE's successors and assigns against every person whomsoever lawfully claiming, or to claim, the same or any part thereof.

DRAFT

VOL4186 PG0340

Witness my hand this 17 day of January 2014.

Darren Schauer
General Manager and Chief Executive Officer

STATE OF TEXAS §
§
COUNTY OF GONZALES §

This instrument was acknowledged before me on the 17th day of January, 2014, by Darren Schauer.

DENISE M. STEWART NOTARY PUBLIC STATE OF TEXAS EXPIRES 1-19-2015

Notary Public, State of Texas

DRAFT

After recording return to:

Canyon Regional Water Authority
850 Lakeside Pass
New Braunfels, Texas 78130-8233

Exhibit "A"

CANYON REGIONAL WATER AUTHORITY
WELLS RANCH PHASE III
SANTA CLARA TO WAGNER BOOSTER STATION
PARCEL 4101-146

RICKMAN LAND SURVEYING

VOL 4186 PG 0341

FIELD NOTES FOR A 1.466 ACRE (63,837 SQUARE FEET)
30 FOOT WIDE PERMANENT WATERLINE EASEMENT

A 1.466 ACRE (63,837 SQUARE FEET, MORE OR LESS), 30 FOOT WIDE PERMANENT WATERLINE EASEMENT OUT OF THE JOSE FLORES SURVEY NO. 63, ABSTRACT NO. 134, AND THE FRANCISCO GARCIA SURVEY NO. 231, ABSTRACT NO. 141, GUADALUPE COUNTY, TEXAS, BEING A PORTION OF A CALLED 159.534 ACRE TRACT CONVEYED TO GUADALUPE VALLEY DEVELOPMENT CORPORATION IN DEED RECORDED IN VOLUME 4101, PAGE 146, OFFICIAL PUBLIC RECORDS, GUADALUPE COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS: (Bearings based on the Texas Coordinate System as established from the North American Datum of 1983 for the South Central Zone):

BEGINNING: At a destroyed Texas Department of Transportation Monument found in the northwest right of way line of Interstate Highway 10 (Variable Width ROW) for the east corner of the remainder of a 73.84 Acre Tract conveyed to Valeska H. Meyer in deed recorded in Volume 930, Page 16, Official Records, Guadalupe County, Texas, the south corner of the 159.534 Acre Tract, this Easement and the POINT OF BEGINNING;

THENCE: N 31°34'20" W, with the northeast line of the 73.84 Acre Tract, the southwest line of the 159.534 Acre Tract and this Easement, a distance of 2125.94 feet to a ½" Iron Rod found in the southeast right of way line of County Road 308/Bolton Road (55' ROW) for the north corner of the 73.84 Acre Tract, the west corner of the 159.534 Acre Tract and this Easement;

THENCE: N 58°44'14" E, departing the northeast line of the 73.84 Acre Tract, with the southeast line of County Road 308/Bolton Road, the northwest line of the 159.534 Acre Tract and this Easement, a distance of 30.00 feet to a point for the north corner of this Easement;

THENCE: S 31°34'20" E, departing the southeast right of way line of County Road 308/Bolton Road, across the 159.534 Acre Tract, with the northeast line of this Easement, a distance of 2129.87 feet to a point in the northwest line of Interstate Highway 10 and the southeast line of the 159.534 Acre Tract for the east corner of this Easement;

THENCE: S 66°12'01" W, with the northwest right of way line of Interstate Highway 10, the southeast line of the 159.534 Acre Tract and this Easement, a distance of 30.28 feet to the POINT OF BEGINNING and containing 1.466 acres in Guadalupe County, Texas, according to a survey made on the ground by Rickman Land Surveying on September 19, 2013.

DRAFT

J. Derrick Rickman
Registered Professional Land Surveyor No. 5826

10 Dec 2013
Date Signed

STATE OF TEXAS
REGISTERED
JOHN DERRICK RICKMAN
5826
PROFESSIONAL
LAND SURVEYOR

VOL4186 PG0342

CANYON REGIONAL WATER AUTHORITY
WELLS RANCH PHASE III
SANTA CLARA TO WAGNER BOOSTER STATION
PARCEL 4101-146 Temp

RICKMAN LAND SURVEYING

FIELD NOTES FOR A 0.979 ACRE (42,624 SQUARE FEET)
20 FOOT WIDE TEMPORARY CONSTRUCTION EASEMENT

A 0.979 ACRE (42,624 SQUARE FEET, MORE OR LESS), 20 FOOT WIDE TEMPORARY CONSTRUCTION EASEMENT OUT OF THE JOSE FLORES SURVEY NO. 63, ABSTRACT NO. 134, AND THE FRANCISCO GARCIA SURVEY NO. 231, ABSTRACT NO. 141, GUADALUPE COUNTY, TEXAS, BEING A PORTION OF A CALLED 159.534 ACRE TRACT CONVEYED TO GUADALUPE VALLEY DEVELOPMENT CORPORATION IN DEED RECORDED IN VOLUME 4101, PAGE 146, OFFICIAL PUBLIC RECORDS, GUADALUPE COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS: (Bearings based on the Texas Coordinate System as established from the North American Datum of 1983 for the South Central Zone):

BEGINNING: At a point in the northwest right of way line of Interstate Highway 10 (Variable Width ROW) for the east corner of a 30 Foot Permanent Waterline Easement, this day surveyed, the south corner of this Easement and the POINT OF BEGINNING, from which a destroyed Texas Department of Transportation Monument found for the east corner of a 73.84 Acre Tract conveyed to Valeska H. Meyer in deed recorded in Volume 930, Page 16, Official Records, Guadalupe County, Texas, and the south corner of the 159.534 Acre Tract bears S 66°12'01" W, a distance of 30.28 feet;

THENCE: N 31°34'20" W, departing the northwest right of way line of Interstate Highway 10, across the 159.534 Acre Tract, with the northeast line of the Permanent Waterline Easement and the southwest line of this Easement, a distance of 2129.87 feet a point in the southeast right of way line of County Road 308/Bolton Road (55' ROW), for the north corner of the Permanent Waterline Easement and the west corner of this Easement, from which a ½" iron rod found for the north corner of the 73.84 Acre Tract and the west corner of the 159.534 Acre Tract bears S 58°44'14" W, a distance of 30.00 feet;

THENCE: N 58°44'14" E, with the southeast right of way line of County Road 308/Bolton Road, the northwest line of the 159.534 Acre Tract and this Easement, a distance of 20.00 feet to a point for the north corner of this Easement;

THENCE: S 31°34'20" E, departing the southeast right of way line of County Road 308/Bolton Road, across the 159.534 Acre Tract, with the northeast line of this Easement, a distance of 2132.50 feet to a point in the northwest right of way line of Interstate Highway 10 and the southeast line of the 159.534 Acre Tract, for the east corner of this Easement;

THENCE: S 66°12'01" W, with the northwest right of way line of Interstate Highway 10, the southeast line of the 159.534 Acre Tract and this Easement, a distance of 20.19 feet to the POINT OF BEGINNING and containing 0.979 acres in Guadalupe County, Texas, according to a survey made on the ground by Rickman Land Surveying on September 19, 2013.

STATE OF TEXAS
REGISTERED
JOHN DERRICK RICKMAN
5826
PROFESSIONAL
LAND
SURVEYOR

J. Derrick Rickman
Registered Professional Land Surveyor No. 5826

11 Dec 2013
Date Signed

DRAFT

Exhibit "A"

CANYON REGIONAL WATER AUTHORITY
WELLS RANCH PHASE III
SANTA CLARA TO WAGNER BOOSTER STATION
PARCEL 4101-146 Temp 2

RICKMAN LAND SURVEYING

VOL 4186 PG0343

FIELD NOTES FOR A 0.115 ACRE (5,000 SQUARE FEET)
TEMPORARY CONSTRUCTION EASEMENT

A 0.115 ACRE (5,000 SQUARE FEET, MORE OR LESS), TEMPORARY CONSTRUCTION EASEMENT OUT OF THE JOSE FLORES SURVEY NO. 63, ABSTRACT NO. 134, GUADALUPE COUNTY, TEXAS, BEING A PORTION OF A CALLED 159.534 ACRE TRACT CONVEYED TO GUADALUPE VALLEY DEVELOPMENT CORPORATION IN DEED RECORDED IN VOLUME 4101, PAGE 146, OFFICIAL PUBLIC RECORDS, GUADALUPE COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS: (Bearings based on the Texas Coordinate System as established from the North American Datum of 1983 for the South Central Zone):

BEGINNING: At a point in the northwest right of way line of Interstate Highway 10 (Variable Width ROW) for the east corner of a 20 Foot Temporary Construction Easement, this day surveyed, the south corner of this Easement and the POINT OF BEGINNING, from which a destroyed Texas Department of Transportation Monument found for the east corner of a 73.84 Acre Tract conveyed to Valeska H. Meyer in deed recorded in Volume 930, Page 16, Official Records, Guadalupe County, Texas, and the south corner of the 159.534 Acre Tract bears S 66°12'01" W, a distance of 50.47 feet;

THENCE: N 31°34'20" W, departing the northwest right of way line of Interstate Highway 10, across the 159.534 Acre Tract, with the northeast line of the 20 Foot Wide Temporary Construction Easement and the southwest line of this Easement, a distance of 100.00 feet a point for the west corner of this Easement;

THENCE: N 66°12'01" E, across the 159.534 Acre Tract, with the northwest line of this Easement, a distance of 50.46 feet to a point for the north corner of this Easement;

THENCE: S 31°34'20" E, with the northeast line of this Easement, a distance of 100.00 feet to a point in the northwest right of way line of Interstate Highway 10 and the southeast line of the 159.534 Acre Tract, for the east corner of this Easement;

THENCE: S 66°12'01" W, with the northwest right of way line of Interstate Highway 10, the southeast line of the 159.534 Acre Tract and this Easement, a distance of 50.46 feet to the POINT OF BEGINNING and containing 0.115 acres in Guadalupe County, Texas, according to a survey made on the ground by Rickman Land Surveying on September 19, 2013.

DRAFT

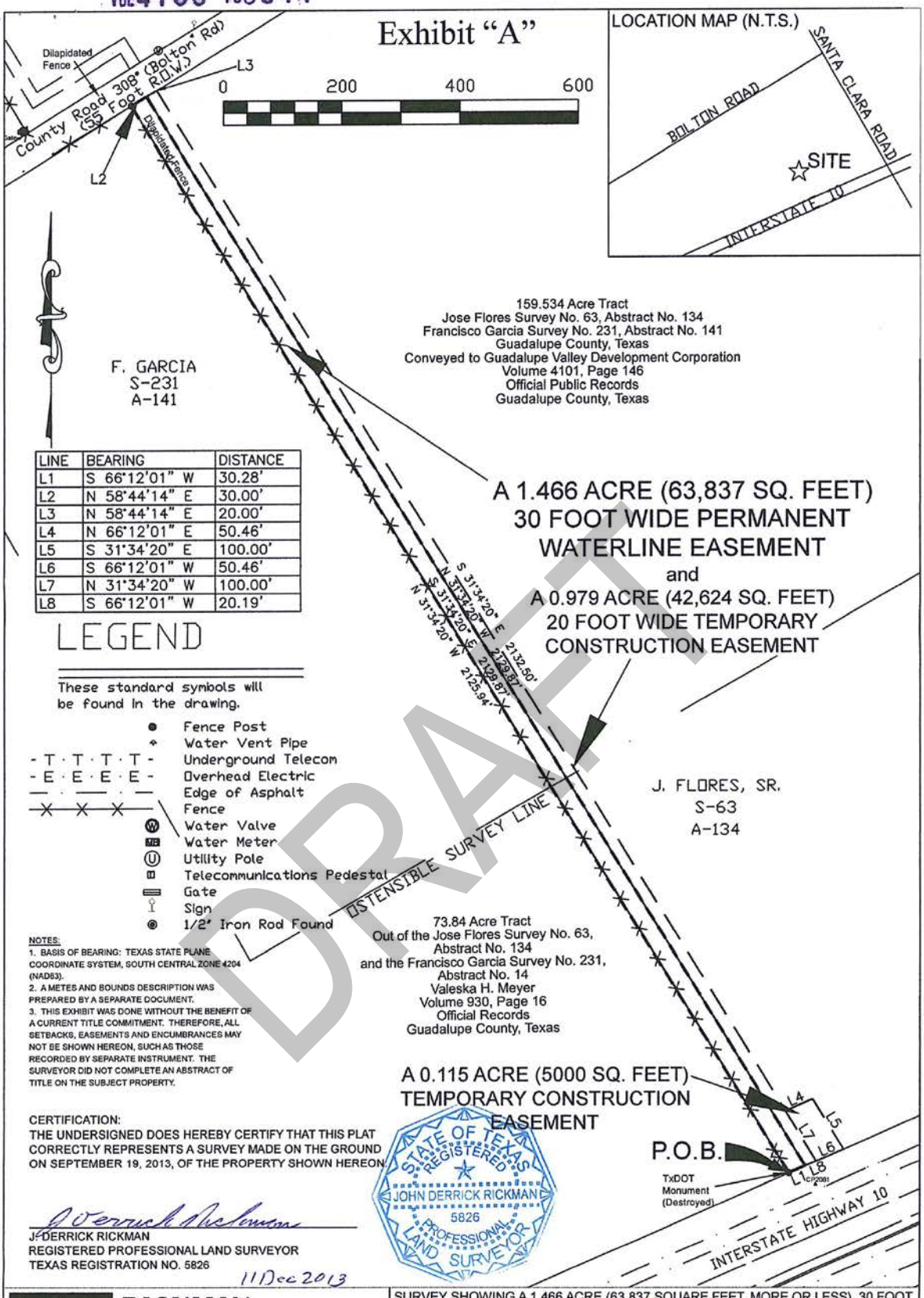
J. Derrick Rickman
Registered Professional Land Surveyor No. 5826

11 Dec 2013
Date Signed

STATE OF TEXAS
REGISTERED
JOHN DERRICK RICKMAN
5826
PROFESSIONAL
LAND SURVEYOR

VOL4186 PG0344

Exhibit "A"



LINE	BEARING	DISTANCE
L1	S 66°12'01" W	30.28'
L2	N 58°44'14" E	30.00'
L3	N 58°44'14" E	20.00'
L4	N 66°12'01" E	50.46'
L5	S 31°34'20" E	100.00'
L6	S 66°12'01" W	50.46'
L7	N 31°34'20" W	100.00'
L8	S 66°12'01" W	20.19'

LEGEND

These standard symbols will be found in the drawing.

- Fence Post
- Water Vent Pipe
- Underground Telecom
- Overhead Electric
- Edge of Asphalt
- Fence
- Water Valve
- Water Meter
- Utility Pole
- Telecommunications Pedestal
- Gate
- Sign
- 1/2" Iron Rod Found

NOTES:
1. BASIS OF BEARING: TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE 4204 (NAD83).
2. A METES AND BOUNDS DESCRIPTION WAS PREPARED BY A SEPARATE DOCUMENT.
3. THIS EXHIBIT WAS DONE WITHOUT THE BENEFIT OF A CURRENT TITLE COMMITMENT. THEREFORE, ALL SETBACKS, EASEMENTS AND ENCUMBRANCES MAY NOT BE SHOWN HEREON, SUCH AS THOSE RECORDED BY SEPARATE INSTRUMENT. THE SURVEYOR DID NOT COMPLETE AN ABSTRACT OF TITLE ON THE SUBJECT PROPERTY.

CERTIFICATION:
THE UNDERSIGNED DOES HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A SURVEY MADE ON THE GROUND ON SEPTEMBER 19, 2013, OF THE PROPERTY SHOWN HEREON.

STATE OF TEXAS
REGISTERED
JOHN DERRICK RICKMAN
5826
PROFESSIONAL
LAND SURVEYOR

J. DERRICK RICKMAN
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 5826

11 Dec 2013

DRAFT

RICKMAN
LAND SURVEYING
419 Big Bend
Canyon Lake, Texas 78133
(830) 534-2539
R.P.L.S. License # 5826
T.B.P.L.S. Firm # 101919-00

SURVEY SHOWING A 1.466 ACRE (63,837 SQUARE FEET, MORE OR LESS), 30 FOOT WIDE PERMANENT WATERLINE EASEMENT, A 0.979 ACRE (42,624 SQUARE FEET, MORE OR LESS) 20 FOOT WIDE TEMPORARY CONSTRUCTION EASEMENT AND A 0.115 ACRE (5,000 SQUARE FEET, MORE OR LESS), TEMPORARY CONSTRUCTION EASEMENT, OUT OF THE JOSE FLORES SURVEY NO. 63, ABSTRACT NO. 134, AND THE FRANCISCO GARCIA SURVEY NO. 231, ABSTRACT NO. 141, GUADALUPE COUNTY, TEXAS, BEING A PORTION OF A CALLED 159.534 ACRE TRACT CONVEYED TO GUADALUPE VALLEY DEVELOPMENT CORPORATION IN DEED RECORDED IN VOLUME 4101, PAGE 146, OFFICIAL PUBLIC RECORDS, GUADALUPE COUNTY, TEXAS.

RIVER CITY ENGINEERING
CIVIL, ENVIRONMENTAL & CONSULTING
TEXAS REGISTERED ENGINEERING FIRM F-1546

3801 SOUTH 1ST STREET
AUSTIN, TEXAS 78704-7047
PHONE-(512) 442-3008
FAX-(512) 442-6522

1011 W. COUNTY LINE ROAD,
NEW BRAUNFELS, TEXAS 78130
PHONE-(830)-626-3588
FAX-(830)-626-3601

30 FOOT WIDE PERMANENT WATERLINE EASEMENT
& TEMPORARY CONSTRUCTION EASEMENTS

CANYON REGIONAL WATER AUTHORITY
PROJECT: WELLS RANCH PHASE III, SANTA CLARA TO WAGNER BOOSTER STATION
PARCEL NO. 4101-146

VOL4186 PG0345

This page has been added by the Guadalupe County Clerk's office to comply with the statutory requirement that the clerk shall stamp the recording information at the foot of the last page of the document.

This page becomes a part of the document identified by Document Number 14-1241 affixed on the first page of this document.

DRAFT

FILED FOR RECORD
14 JAN 22 PM 1:38
TERESA KIEL
COUNTY CLERK GUADALUPE COUNTY
BY C Hernandez

STATE OF TEXAS
COUNTY OF GUADALUPE
I certify this instrument was FILED on the date and at the time stamped thereon and was duly recorded in the Official Public Records of Guadalupe County, Texas.
Teresa Kiel
TERESA KIEL
Guadalupe County Clerk

Texas Land and Right of Way
-7931 St. Joseph
Gonzales TX 78629
Attn: Bobby Oneal

15

02606

Deed From Bernice S. Friesenhahn, et al To the Scheel Family Trust No. 2

THE STATE OF TEXAS *
KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF GUADALUPE *

That we, BERNICE S. FRIESENHAHN, 8045 Bindseil, San Antonio, Texas 78266-2107, ALICE S. DOLLE, 8440 Parklane Drive, Garden Ridge, Texas 78266-2753, CLARENCE A. SCHEEL, 21019 Cedar Branch, Garden Ridge, Texas 78266-2514, ELTON E. SCHEEL, 8787 East Evans Road, San Antonio, Texas 78266-2809, ANGELINE S. MOOS, 19106 Nacogdoches Loop, San Antonio, Texas 78266-2736, JEANETTE S. HAECKER, 301 Avenue A, Converse, Texas 78109, GLADYS S. HAECKER, 8205 Trainer Hale Road, Converse, Texas 78109, JOAN S. MAYER, 6044 Gin Road, Marion, Texas 78124-6502, MADELYN S. SHODROK, 15554 Real Rock Road, Marion, Texas 78124-6020, and DEBORAH S. REAL, 15492 Real Rock Road, Marion, Texas 78124, not joined herein by our respective spouses, as the hereinafter described property constitutes no part of our homestead property, but is part of our separate property and estate, hereinafter referred to as Grantors, for and in consideration of the sum of ONE DOLLAR ($1.00) cash and other good and valuable consideration to us in hand paid by BERNICE S. FRIESENHAHN, TRUSTEE FOR THE SCHEEL FAMILY TRUST NO. 2, of 8045 Bindseil, San Antonio, Texas 78266-2107 481, hereinafter referred to as Grantee, have TRANSFERRED, CONVEYED, GRANTED and CONFIRMED, and by these presents do TRANSFER, CONVEY, GRANT and

DRAFT

CONFIRM, unto the said Grantee, all of our right, title and interest in and to the following described property, to-wit:

BEING all of that certain tract of land containing 159.496 acres of land out of the Jose Flores Survey No. 63, Abstract No. 134, and out of the Francisco Garcia Survey, Abstract No. 141, Guadalupe County, Texas, said 159.496 acre tract being more particularly described by metes and bounds as follows:

BEGINNING at an iron pin set at the westerly cutoff of Santa Clara Road at Interstate Highway No. 10, said point also being the most northerly corner of Parcel 18 as described by metes and bounds in Volume 324 at Page 53, Deed Records of Guadalupe County, Texas;

THENCE: with and along said cutoff as follows:

S. 24 deg. 26' 10" W., 375.46 feet to a concrete monument for an angle point in same;

S. 8 deg. 52' 15" E., 298.90 feet to a concrete monument for an angle point in same;

S. 60 deg. 12' 43"W., 1177.14 feet to an iron pin set for an angle point in same;

S. 30 deg. 14' 04" E., 163.95 feet to an iron pin set on the northwest line of Interstate Highway No. 10 for a corner of the herein described tract;

THENCE: S. 66 deg 29' 00" W., along the northwest line of Interstate Highway No. 10, a distance of 1613.46 feet to a concrete monument found for the most southerly corner of the herein described tract;

THENCE: N. 31 deg. 18' 14" W., with and along an existing fence, a distance of 2128.20 feet to an iron pin set on the southeast line of Bolton Lane, for a corner of this tract;

THENCE: N. 59 deg. 07' 03" E., along the southeast line of Bolton Lane, a distance of 3213.83 feet to an iron pin set at the intersection of the southeast line of Bolton Lane and the southwest line of Santa Clara Road for the most

DRAFT

northerly corner of the herein described tract;

THENCE: S. 30 deg. 56' 02" E. along the southwest line of Santa Clara Road, a distance of 1702.78 feet to the point of beginning and containing 159.496 acres of land; and being the same property conveyed by Deed dated December 22, 1983, from HHLSC Joint Venture No. 1 to Adolph Scheel, et ux, recorded in Volume 695, Pages 1458-1461 of the Official Records of Guadalupe County, Texas, reference to which is here made for all purposes.

Together with all and singular the hereditaments and appurtenances thereunto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the above described premises, together with all and singular the rights and appurtenances thereto in any wise belonging, unto the said BERNICE S. FRIESENHAHN, TRUSTEE FOR THE SCHEEL FAMILY TRUST NO. 2, her successors and assigns forever; and Grantors do hereby bind themselves, their heirs, executors and administrators to WARRANT AND FOREVER DEFEND all and singular the said premises unto the said Grantee, her successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through or under us but not otherwise. This conveyance is made subject to all and singular the restrictions, reservations, conditions, easements and covenants, if any, applicable to and enforceable against the above described property as reflected by the records of the County Clerk of Guadalupe County, Texas.

EXECUTED on this the 15th day of December, 2001.

Bernice S. Friesenhahn
BERNICE S. FRIESENHAHN

DRAFT

Alice S Dolle
ALICE S. DOLLE

Clarence A Scheel
CLARENCE A. SCHEEL

Elton E Scheel
ELTON E. SCHEEL

Angeline S. Moos
ANGELINE S. MOOS

Jeanette S Haecker
JEANETTE S. HAECKER

Gladys S. Haecker
GLADYS S. HAECKER

Joan S. Mayer
JOAN S. MAYER

Madelyn S. Shodrok
MADELYN S. SHODROK

Deborah S. Real
DEBORAH S. REAL

DRAFT

THE STATE OF TEXAS *
COUNTY OF Comal *

This instrument was acknowledged before me on this the 19th day of December, 2001, by BERNICE S. FRIESENHAHN.



Kristen Quiney
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:

My Commission Expires:

THE STATE OF TEXAS *
COUNTY OF COMAL *

This instrument was acknowledged before me on this the 19th day of DECEMBER, 2001, by ALICE S. DOLLE.

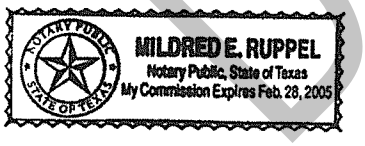


Mildred E. Ruppel
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:

My Commission Expires:

THE STATE OF TEXAS *
COUNTY OF COMAL *

This instrument was acknowledged before me on this the 18th day of DECEMBER, 2001, by CLARENCE A. SCHEEL.



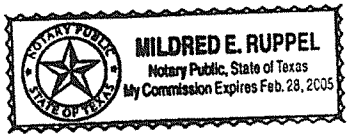
Mildred E. Ruppel
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:

My Commission Expires:

DRAFT

THE STATE OF TEXAS *
COUNTY OF COMAL *

This instrument was acknowledged before me on this the 18th day of DECEMBER, 2001, by ELTON E. SCHEEL.



Mildred E. Ruppel
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:
My Commission Expires:

THE STATE OF TEXAS *
COUNTY OF Comal *

This instrument was acknowledged before me on this the 18th day of December, 2001, by ANGELINE S. MOOS.



Minnie Odell
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:
My Commission Expires:

THE STATE OF TEXAS *
COUNTY OF Comal *

This instrument was acknowledged before me on this the 19th day of December, 2001, by JEANETTE S. HAECKER.



Kristen Quinney
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:
My Commission Expires:

DRAFT

THE STATE OF TEXAS *
COUNTY OF Comal *

This instrument was acknowledged before me on this the 19th day of December, 2001, by GLADYS S. HAECKER.

KRISTEN QUINNEY
Notary Public, State of Texas
My Commission Expires Apr. 1, 2004

Kristen Quinney
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:
My Commission Expires:

THE STATE OF TEXAS *
COUNTY OF Comal *

This instrument was acknowledged before me on this the 19th day of December, 2001, by JOAN S. MEYER.

MINNIE ODELL
Notary Public, State of Texas
My Commission Expires
1-31-2005

Minnie Odell
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:
My Commission Expires:

THE STATE OF TEXAS *
COUNTY OF Comal *

This instrument was acknowledged before me on this the 19th day of December, 2001, by MADELYN S. SHODROK.

KRISTEN QUINNEY
Notary Public, State of Texas
My Commission Expires

Kristen Quinney
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:
My Commission Expires:

DRAFT

THE STATE OF TEXAS *
COUNTY OF Comal *

This instrument was acknowledged before me on this the 18th day of December, 2001, by DEBORAH S. REAL.

MINNIE ODELL
Notary Public, State of Texas
My Commission Expires
1-31-2005

Minnie Odell
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:

My Commission Expires:

FILED FOR RECORD
2002 FEB 13 PM 2:02
COUNTY CLERK, GUADALUPE CTY.
BY

THE STATE OF TEXAS
COUNTY OF GUADALUPE
I hereby certify that this instrument was FILED on the date and at the time stamped hereon by me and was duly recorded in the Official Public Records of Guadalupe County, Texas.
County Clerk,
Guadalupe County Texas

AFTER RECORDING RETURN TO:
BOB R. KIESLING, P.C.
P. O. Box 311686
New Braunfels, TX 78131-1686

PREPARED IN THE LAW OFFICE OF:
BOB R. KIESLING, P.C.
P. O. Box 311686
New Braunfels, TX 78131-1686

DRAFT

4/C

VOL4101 PG0146

13-013358

Notice of confidentiality rights: If you are a natural person, you may remove or strike any or all of the following information from any instrument that transfers an interest in real property before it is filed for record in the public records: your Social Security number or your driver's license number.

Special Warranty Deed from Bernice S. Friesenhahn, Trustee for the Scheel Family Trust No. 2 to Guadalupe Valley Development Corporation

Effective Date: June 19, 2013

Grantor: BERNICE S. FRIESENHAHN, TRUSTEE FOR THE SCHEEL FAMILY TRUST NO. 2

Grantor's Mailing Address: 8045 Bindseil Lane, San Antonio, Comal County, Texas 78266

Grantee: GUADALUPE VALLEY DEVELOPMENT CORPORATION

Grantee's Mailing Address: P.O. Box 118, Gonzales, Gonzales County, Texas 78629

Consideration: TEN DOLLARS ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property: (including any improvements): A 159.534 acre tract of land out of the Jose Flores Survey No. 63, Abstract No. 134, and out of the Francisco Garcia Survey No. 231, Abstract No. 141, Guadalupe County, Texas and being all of a 159.496 acre tract of land conveyed to the Bernice S. Friesenhahn, Trustee for the Scheel Family Trust No. 2, of record in Volume 1680 Page 621 of the Official Public Records of Guadalupe County, Texas and being more particularly described by metes and bounds as follows:

BEGINNING: at a ½" set iron rod stamped "KFW Surveying" in the northwest right-of-way line of Interstate Highway 10, a variable width right-of-way, for the southeast corner of a 73.701 acre tract of land conveyed to Valeska H. Meyer of record in Volume 930 Page 16 of the Official Public Records of Guadalupe County, Texas and the southwest corner of the 159.496 acre tract, from which a found Texas Department of Transportation Monument in the northwest right-of-way line of Interstate Highway 10, bears S 66° 12' 11" W, a distance of 3486.07 feet;

THENCE: N 31° 33' 49" W, with the northeast line of a 73.701 acre tract and the southwest line of the 159.496 acre tract, at a distance of 0.81 feet passing a concrete post marked "CH Meyer," and continuing for a total distance of 2128.20 feet to a found ½" iron rod in the southeast right-of-way line of Bolton Road, for the northeast corner of 73.701 acre tract and the northwest corner of the 159.496 acre tract and the tract

DRAFT

described herein;

THENCE: N 58° 50' 50" E, with the southeast right-of-way line of Bolton Road and the northwest line of the 159.496 acre tract, a distance of 3215.18 feet to a set ½" iron rod with Blue Plastic Cap Stamped "KFW Surveying" at the intersection of Bolton Road with the southwest right-of-way line of Santa Clara Road, a variable width right-of-way, for the northeast corner of the 159.496 acre tract and the tract described herein;

THENCE: S 31° 09' 22" E, with the southwest right-of-way line of Santa Clara Road and the northeast line of the 159.496 acre tract, a distance of 1702.79 feet to a found ½" iron rod for the north corner of a 3.120 acre tract of land conveyed to the State of Texas of record in Volume 324 Page 53 of the Official Public Records of Guadalupe County, Texas and the easterly southeast corner of the 159.496 acre tract and the tract described herein;

THENCE: along and with the northwest lines of the 3.120 acre tract and the southeast lines of the 159.496 acre tract the following calls and distances:

1. S 24° 12' 55" E, a distance of 375.45 feet to a found Texas Department of Transportation Monument, for an interior corner of the tract described herein, and

2. S 09° 05' 35" E, a distance of 298.92 feet to a found Texas Department of Transportation Monument, for the northwest corner of the 1.385 acre tract of land conveyed to the State of Texas of record in Volume 321 Page 468 of the Official Public Records of Guadalupe County, Texas, for the northeast corner of a 1.86 acre tract of land conveyed to Elma Doris Cox Allen of record in Volume 1869 Page 50 of the Official Public Records of Guadalupe County, Texas and for the southeast corner of the 159.496 acre tract and the tract described herein;

THENCE: S 59° 24' 31" W, with the northwest line of the 1.86 acre tract and the southeast line of the 159.496 acre tract, a distance of 338.92 feet to a found ½" iron rod for the northwest corner of the 1.86 acre tract, a northeast corner of a 0.48 acre tract conveyed to Ralph Reinenger Et Ux of record in Volume 575 Page 896 of the Official Public Records of Guadalupe County, Texas and an angle point in the 159.496 acre tract and the tract described herein;

THENCE: S 60° 27' 00" W, with the northwest line of the 0.48 acre tract and the north line of a 0.502 acre tract conveyed to Richard G. and Sandra B. Bryant of record in Volume 2290 Page 628 of the Official Public Records of Guadalupe County and the southeast line of the 159.496 acre tract, a distance of 185.60 feet to a found ½" iron rod for the northwest corner of the 0.502 acre tract of land, for the northeast corner of a 2.99 acre tract of land conveyed to John R. Montague of record in Volume 2126 Page 808 of the Official Public Records of Guadalupe County, Texas and for an angle point in the 159.496 acre tract and the tract described herein;

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THENCE: S 60° 13' 23" W, with the northwest line of a 2.99 acre tract of land and the southeast line of the 159.496 acre tract, a distance of 652.66 feet to a found ½ iron rod with a cap stamped "Tri County", for the northwest corner of the 2.99 acre tract and an interior corner of the 159.496 acre tract and the tract described herein;

THENCE: S 30° 33' 05" E, with the southwest line of the 2.99 acre tract and an east line of the 159.496 acre tact, a distance of 165.71 feet to a found iron rod pipe in the northwest right-of-way line of Interstate Highway 10 for the southwest corner of the 2.99 acre tract and a southeast corner of the 159.496 acre tract and the tract described herein, from which a found Texas Department of Transportation Monument in the northwest right-of-way line of Interstate Highway 10, for the southeast corner of the 1.86 acre tract and the southwest corner of the 1.385 acre tract, bears N 66° 12' 11" E, a distance of 1150.58 feet;

THENCE: S 66° 12' 11" W, with the northwest right-of-way line of Interstate Highway 10 and the southeast line of the 159.534 acre tract, a distance of 1613.46 feet to the **POINT OF BEGINNING** and containing 159.534 acres or 6,949,288 square feet of land more or less, situated in Guadalupe County, Texas. Said tract in accordance with the survey prepared by KFW Surveying.

Reservations from Conveyance: For Grantor and Grantor's heirs, successors and assigns forever, a reservation of an undivided one-half royalty in the oil, gas and other minerals produced and saved or sold from the lands herein described.

Exceptions to Conveyance and Warranty: Any and all restrictions, exceptions, reservations, covenants, conditions and easements, if any, relating to the hereinabove described property, and to all zoning laws, regulations and ordinances of municipal and/or other governmental authorities, if any, but only to the extent that they are still in effect, relating to the hereinabove described property, and including all statutes, rules and regulations pertaining to any septic systems and water wells, and to any and all visible and apparent easements, and to any and all governmental statutes, rules and regulations concerning the property because of its location in, on or over any aquifer, the aquifer recharge zone and/or any contributing zone or watershed; and taxes for the year 2013, the payment of which Grantee assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof when the claim is by, through, or under Grantor but not otherwise, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

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It is understood by the parties hereto that the lands herein described have been rendered for ad valorem tax purposes under the Texas Constitutional Provision of Section 1-D-1 of Article VIII as "open space" lands. Grantee is aware of the fact that should Grantee, after purchase of said lands, discontinue to use such lands so as to qualify under the "open space" provisions of the law of this State, then a roll back tax will become due to such taxing authorities. Grantee further agrees that should such a "roll back" occur, then such "roll back" tax obligation shall be the sole obligation of Grantee.

When the context requires, singular nouns and pronouns include the plural.

SCHEEL FAMILY TRUST NO. 2

BY: Bernice S. Friesenhahn Tr.
BERNICE S. FRIESENHAHN, Trustee

THE STATE OF TEXAS *
COUNTY OF Comal *

This instrument was acknowledged before me on this the 19th day of June, 2013, by BERNICE S. FRIESENHAHN, Trustee of the SCHEEL FAMILY TRUST NO. 2, in the capacity therein stated.

KRISTEN QUINNEY PORTER
NOTARY PUBLIC
STATE OF TEXAS
MY COMM. EXP. 4/14/2016

Kristen Q. Porter
NOTARY PUBLIC, STATE OF TEXAS
Notary's Name Printed:

My Commission Expires:

AFTER RECORDING RETURN TO:
NEW BRAUNFELS TITLE COMPANY
GF#081362NBT

PREPARED IN THE LAW OFFICE OF:
KIESLING, PORTER, KIESLING & FREE, P.C.
P.O. Box 311686
New Braunfels, Texas 78131-1686

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VOL 4101 PG 0150

This page has been added by the Guadalupe County Clerk's office to comply with the statutory requirement that the clerk shall stamp the recording information at the foot of the last page of the document.

This page becomes a part of the document identified by Document Number 13-13358 affixed on the first page of this document.

FILED FOR RECORD

13 JUN 21 AM 8:20

TERESA KIEL
COUNTY CLERK GUADALUPE COUNTY

BY _____

STATE OF TEXAS
COUNTY OF GUADALUPE
I certify this instrument was FILED on the date and at the time stamped thereon and was duly recorded in the Official Public Records of Guadalupe County, Texas

TERESA KIEL
Guadalupe County Clerk

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25 Year Title
Canyon Regional Water Authority
Santa Clara to Wagner Booster
Scheel Family Trust No. 2
159.496 ac Jose Flores Survey; A-134
Guadalupe County, Texas
PID No. 63501 & 63980 - Guadalupe CAD
Date: 5/20/2013

1.	Vesting Deed Deed 1680/621 DR 12/18/2001 2/13/2002		Bernice S. Friesenhahn To Bernice S. Friesenhahn, Trustee for the Scheel Family Trust No. 2 159.496 acres out of the Jose Flores Survey A-134, and out of the Francisco Garcia Survey A-141.
2.	General Warranty Deed 1680/617 OR 12/5/2001 2/13/2002		Adolph J. Scheel, Trustee for the Scheel Revocable Trust To Bernice S. Friesenhahn, Alice S. Dolle, Clarence A. Scheel, Elton E. Scheel, Angeline S. Moos, Jeanette S. Haecker, Gladys S. Haeker, Joan S. Mayer, Madelyn S. Shodrok and Deborah S. Real. 159.496 acres out of the Jose Flores Survey A-134, and out of the Francisco Garcia Survey A-141
3.	Deed/Probate 1680/599 OR 9/6/2000 2/13/2002		Mary S. Scheel, Deceased To Bernice S. Friesenhahn and Clarence A. Scheel, as joint Independent Executors of the Estate of Mary S. Scheel, Deceased, Cause No. 2000PC-2942. "Tract 2": 159.496 acres out of the Jose Flores Survey A-134, and out of the Francisco Garcia Survey A-141.
4.	Right of Way Easement 1233/129 OR 6/10/96 10/10/96		Adolph J. Scheel and Wife, Mary Scheel To Green Valley Special Utility Destrict 65.46 acres out of the Jose Flores Survey A-134.

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5.	Deed 1070/778 OR 10/29/93 12/1/93		Adolph J. Scheel and wife, Mary S. Scheel To Adolph J. and Mary S. Scheel Revocable Trust 159.496 acres out of the Jose Flores Survey A-134, and out of the Francisco Garcia Survey A-141
6.	Release of Oil/Gas Lien 822/164 8/27/87 9/8/87		EP Operating Co. To Adolph J. Scheel and wife, Mary S. Scheel 186.141 acres in 2 tracts: Tract 1. in the Jose Flores Survey A-134 and tract 2. In the Jose Flores Survey A-134 and the Vicente Gortari Survey A-24
7.	General Warranty Deed 695/1458 12/22/83 1/5/84		HHLSC Joint Venture To Adolph Scheel and Wife, Mary Scheel 159.496 acres out of the Jose Flores Survey A-134, and out of the Francisco Garcia Survey A-141

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Form ROW-U-35
(Rev.10/20)
Page 1

STANDARD UTILITY AGREEMENT

U Number: **N/A** Utility ID: **00009529**

District: San Antonio
Federal Project No.: F 2022 (097)
ROW CSJ: 0025-03-099
Highway Project Letting Date: 11/2021

County: Guadalupe
Highway: IH 10
From: Bexar/Guadalupe County Line
To: FM 465

This Agreement by and between the State of Texas, acting by and through the Texas Transportation Commission, (**"State"**), and Canyon Regional Water Authority, ("**Utility**"), acting by and through its duly authorized representative, shall be effective on the date of approval and execution by and on behalf of the **State**.

WHEREAS, the **State** has deemed it necessary to make certain highway improvements as designated by the **State** and approved by the Federal Highway Administration within the limits of the highway as indicated above (the "**Highway Project**");

WHEREAS, the proposed Highway Project will necessitate the adjustment, removal, and/or relocation of certain facilities of the **Utility** as indicated in the following statement of work: Canyon Regional Water Authority has an existing 24" waterline in 36" casing at Zuehl Rd crossing between STA 1803+46 to STA 1805+14 that requires casing extension due to the proposed bridge improvements. Due to the current bends in the existing casing, Canyon will install 202 LF of 24" pipe inside 171 LF 36" casing and will remove 185 LF of existing 24" water line and 21 LF of existing 36" casing to tie into the existing pipe. Canyon Regional Water Authority has an existing 24" waterline inside 36" casing at the Santa Clara crossing between STA 1910+64 to STA 1912+44 that requires casing extension due to the proposed bridge improvements, therefore Canyon will install 153 LF of 36" steel casing on the existing 24" waterline to encase pipeline under proposed roadway crossing.; and more specifically as shown in the **Utility's** plans, specifications and estimated costs, which are attached hereto as Attachment "A".

WHEREAS, the **State** will participate in the costs of the adjustment, removal, and relocation of certain facilities to the extent as may be eligible for State and/or Federal participation.

WHEREAS, the **State,** upon receipt of evidence it deems sufficient, acknowledges the **Utility's** interest in certain lands and facilities that entitle it to reimbursement for the adjustment, removal, and relocation of certain of its facilities located upon the lands as indicated in the statement of work above.

NOW, THEREFORE, BE IT AGREED:

The **State** will pay to the **Utility** the costs incurred in adjustment, removal, and relocation of the **Utility's** facilities up to the amount said costs may be eligible for **State** participation.

All conduct under this agreement, including but not limited to the adjustment, removal, and relocation of the facility, the development and reimbursement of costs, any environmental requirements, and retention of records will be in accordance with all applicable federal and state laws, rules and regulations, including, without limitation, the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act, 42 U.S.C. §§ 4601, et seq., the National Environmental Policy Act, 42 U.S.C. §§ 4321, et seq., the Buy America provisions of 23 U.S.C. § 313 and 23 CFR 635.410, as amended, Texas Transportation Code § 223.045, the Utility Relocations, Adjustments, and Reimbursements provisions of 23 CFR 645, Subpart A, and the Utility Accommodation provisions of 23 CFR 645, Subpart B.

The **Utility** shall supply, upon request by the **State**, proof of compliance with the aforementioned laws, rules, regulations, and guidelines prior to the commencement of the adjustment, removal, and relocation of the facility.

DS GG 4/11/2022
Initial Date
TxDOT

DS TDF 4/10/2022
Initial Date
Utility

The Utility shall not commence any physical work, including without limitation site preparation, on the State's right of way or future right of way, until TxDOT provides the Utility with written authorization to proceed with the physical work upon TxDOT's completion and clearance of its environmental review of the Highway Project. Any such work by the Utility prior to TxDOT's written authorization to proceed will not be eligible for reimbursement and the Utility is responsible for entering any property within the proposed limits of the Highway Project that has not yet been acquired by TxDOT. This written authorization to proceed with the physical work is in addition to the authorization to commence work outlined below. Notwithstanding the foregoing, the provisions of this paragraph are required only when TxDOT has not obtained completion and clearance of its environmental review of the Highway Project prior to the execution of this Agreement by the State and the Utility.

The **Utility** shall comply with the Buy America provisions of 23 U.S.C. § 313, 23 CFR 635.410, as amended, and the Steel and Iron Preference provisions of Texas Transportation Code § 223.045 and, when products that are composed predominately of steel and/or iron are incorporated into the permanent installation of the utility facility, use domestically manufactured products. TxDOT Form 1818 (Material Statement), along with all required attachments, must be submitted, prior to the commencement of the adjustment, removal, and relocation of the facility, as evidence of compliance with the aforementioned provisions. Failure to submit the required documentation or to comply with the Buy America, and Steel and Iron Preference requirements shall result in: (1) the **Utility** becoming ineligible to receive any contract or subcontract made with funds authorized under the Intermodal Surface Transportation Efficiency Act of 1991; (2) the **State** withholding reimbursement for the costs incurred by the **Utility** in the adjustment, removal, and relocation of the **Utility's** facilities; and (3) removal and replacement of the non-compliant products.

The **Utility** agrees to develop relocation or adjustment costs by accumulating actual direct and related indirect costs in accordance with a work order accounting procedure prescribed by the **State**, or may, with the **State's** approval, accumulate actual direct and related indirect costs in accordance with an established accounting procedure developed by the **Utility**. Bills for work hereunder are to be submitted to the **State** not later than one (1) year after completion of the work. Failure to submit the request for final payment, in addition to all supporting documentation, within one (1) year after completion of the work may result in forfeiture of payment for said work.

When requested, the **State** will make intermediate payments at not less than monthly intervals to the **Utility** when properly billed. Such payments will not exceed 90 percent (90%) of the eligible cost as shown in each such billing. Intermediate payments shall not be construed as final payment for any items included in the intermediate payment.

The **State** will, upon satisfactory completion of the adjustment, removal, and/or relocation and upon receipt of final billing prepared in an approved form and manner and accounting for any intermediate payments, make payment in the amount of 90 percent (90%) of the eligible costs as shown in the final billing prior to audit and after such audit shall make an additional final payment totaling the reimbursement amount found eligible for **State** reimbursement.

Alternatively, the **State** agrees to pay the **Utility** an agreed lump sum of $N/A as supported by the attached estimated costs. The **State** will, upon satisfactory completion of the adjustments, removals, and relocations and upon receipt of a final billing, make payment to the **Utility** in the agreed amount.

Upon execution of this agreement by both parties hereto, the **State** will, by written notice, authorize the **Utility** to perform such work diligently and to conclude said adjustment, removal, and relocation by the stated completion date which is attached hereto in Attachment "C". The completion date shall be extended for delays caused by events outside the **Utility's** control, including an event of Force Majeure, which shall include a strike, war or act of war (whether an actual declaration of war is made or not), insurrection, riot, act of public enemy, accident, fire, flood or other act of God, sabotage, or other events, interference by the **State** or any other party with the **Utility's** ability to proceed with the work, or any other event in which the **Utility** has exercised all due care in the prevention thereof so that the causes of other events are beyond the control and without the fault or negligence of the **Utility**.

This agreement in its entirety consists of the following elements:

Standard Utility Agreement – ROW-U-35;
Plans, Specifications, and Estimated Costs (Attachment "A");

DocuSigned by: GG 4/11/2022
Initial Date
TxDOT

DocuSigned by: TDF 4/10/2022
Initial Date
Utility

- Accounting Method (Attachment "B");
- Schedule of Work (Attachment "C");
- Statement Covering Contract Work – ROW-U-48 (Attachment "D");
- Utility Joint Use Agreement – ROW-U-JUA and/or Utility Installation Request – Form 1082 (Attachment "E");
- Eligibility Ratio (Attachment "F");
- Betterment Calculation and Estimate (Attachment "G"); and
- Proof of Property Interest – ROW-U-Affidavit (Attachment "H").

All attachments are included herein as if fully set forth. In the event it is determined that a substantial change from the statement of work contained in this agreement is required, reimbursement therefore shall be limited to costs covered by a modification or amendment of this agreement or a written change or extra work order approved by the **State** and the **Utility**.

This agreement is subject to cancellation by the **State** at any time up to the date that work under this agreement has been authorized, and such cancellation will not create any liability on the part of the **State.** However, the **State** will review and reimburse the **Utility** for eligible costs incurred by the **Utility** in preparation of this Agreement.

The State Auditor may conduct an audit or investigation of any entity receiving funds from the **State** directly under this contract or indirectly through a subcontract under this contract. Acceptance of funds directly under this contract or indirectly through a subcontract under this contract acts as acceptance of the authority of the State Auditor, under the direction of the Legislative Audit Committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.

The **Utility** by execution of this agreement does not waive any of the rights that the **Utility** may have within the limits of the law.

It is expressly understood that the **Utility** conducts the adjustment, removal, and relocation at its own risk, and that the **State** makes no warranties or representations regarding the existence or location of utilities currently within its right of way.

DS GG 4/11/2022
~~Initial~~ Date
TxDOT

DS TDF 4/10/2022
~~Initial~~ Date
Utility

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

UTILITY

Utility: Canyon Regional Water Authority
Name of Utility

By: DocuSigned by: Timothy D. Fousse
Authorized Signature

Timothy Fousse
Print or Type Name

Title: Board President

Date: 4/10/2022

EXECUTION RECOMMENDED:

DocuSigned by: Clayton Ripps
Director of TP&D (or designee), San Antonio District

THE STATE OF TEXAS

Executed and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By: DocuSigned by: Gina Gallegos
District Engineer (or designee)

Date: 4/11/2022

DS GG 4/11/2022
Initial Date
TxDOT

DS TDF 4/10/2022
Initial Date
Utility

Form ROW-U-COA
(Rev. 04/23)
Page 1 of 10

STANDARD UTILITY AGREEMENT
SUPPLEMENTAL AGREEMENT NO. 1 TO U NUMBER N/A UTILITY ID U00009529

District: San Antonio
ROW Project ID: R00002889
ROW CSJ: 0025-03-099
Proposed Highway Project Letting Date: 11/2021

County: Guadalupe
Highway: IH 10
From: Bexar/Guadalupe County Line
To: FM 465

THIS SUPPLEMENTAL AGREEMENT by and between the State of Texas ("**State**") and Canyon Regional Water Authority ("**Utility**") shall be effective upon the date of acceptance and execution by and on behalf of the **State**.

WHEREAS, the **State** and **Utility** executed a Standard Utility Agreement on April 11, 2022 concerning the adjustment, relocation, or removal of certain of the **Utility's** facilities;

WHEREAS, said Standard Utility Agreement limits the required scope of work and/or the amount of eligible reimbursement;

WHEREAS, due to newly discovered information by the **Utility** deemed sufficient by the **State**, the **State** and **Utility** agree that supplementation to the Standard Utility Agreement is necessary; and

WHEREAS, the statement of work contained in the Standard Utility Agreement shall be supplemented to include: SUA and CRWA bid were set up for CRWA's contractor to open cut the trench area located at the Zuehl intersection as the method of transmission main installation. This will cause change in schedule of work and dates will be different from the original agreement. With the new roadway in place, the installation method will need to be revised to be by bore, which represents a significant cost increase for CRWA and TxDOT has approved to be constructed via joint bid. Force Betterment is applied in this agreement for the proposed transmission main and casing need to be increased at the intersection to be in line with the existing transmission main and casing material., which is more specifically shown in **Utility's** plans, specifications, estimated costs, and schedule, which are attached to this supplemental agreement as Attachment "A."

NOW, THEREFORE, BE IT AGREED:

The statement of work contained in the Standard Utility Agreement is supplemented to include the additional adjustment, relocation, or removal found in Attachment "A."

The estimated cost of the adjustment, relocation, or removal is ☒ increased or ☐ decreased to a total of $694,327.18, or ☐ no change to the Total Cost Estimate. The reason for the increase/decrease: Construction method will change from open trench to bore and will be performed via joint bid. The parties agree that the approval of estimated costs in no way indicates the eligibility of said costs for reimbursement.

All conditions and agreements contained in the Standard Utility Agreement, except those specifically included in this document, remain in effect.

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

DS GG 11/27/2023
Initial Date
TxDOT

DS TDF 11/27/2023
Initial Date
Utility

UTILITY

Utility: Canyon Regional Water Authority

By: DocuSigned by: Timothy D. Fousse
41F567066B6D4D6...

Title: Board President

Date: 11/27/2023

EXECUTION RECOMMENDED:

DocuSigned by:
P.E.
Director of TP&D (or designee), San Antonio District

THE STATE OF TEXAS

Executed and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By: DocuSigned by: Gina Gallegos
District Engineer (or designee)

Date: 11/27/2023

DS GG Initial — 11/27/2023 Date
TxDOT

DS TDF Initial — 11/27/2023 Date
Utility

ANYON REGIONAL WATER AUTHORITY
BOARD COMMUNICATION

DATE	SUBJECT	AGENDA NUMBER
04/20/2026	APPOINTMENT OF A REPRESENTATIVE OF CRWA ON THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS	CRWA 26-04-011

INITIATED BY KERRY AVERYT

STAFF RECOMMENDATION

Appoint a representative to the Alliance Regional Water Authority Board of Directors through the formal processes of the Canyon Regional Board of Trustees.

BACKGROUND INFORMATION

Mr. Nicholas Sherman's appointment to the Alliance Regional Water Authority Board of Directors is up for reappointment. Thus, a representative must be appointed.

FINANCIAL IMPACT

There is no financial impact associated with this resolution.

MOTION

Motion to approve the following resolution.

CANYON REGIONAL WATER AUTHORITY

RESOLUTION NO. 26-04-011

BE IT RESOLVED that _____ has been appointed as a Canyon Regional Water Authority representative on the Alliance Regional Water Authority Board of Directors.

Adopted this 20th day of April 2026

Ayes ____ Nays____ Abstained____ Absent____

Approved by: _____
Brandon Rohan, President

Certified and attested by: _____
Ted Gibbs, Secretary

DRAFT CRWA 04-20-2026 BD PKT

CANYON REGIONAL WATER AUTHORITY			
FISCAL YEAR 2025 - 2026 ORGANIZATIONAL GOALS			
GOAL	**DESCRIPTION**	**COMPLETION TIMELINE**	**STATUS AS OF APRIL 13,2026**
ADMINISTRATIVE			
Fill Controller Position	Hire a Controller to develop financial policies and strategies, revise budgeting processes and procedures, and lead selection and implementation of new financial software.	1st Quarter	Completed
Fill Assistant General Manager Position	Hire Assistant General Manager. Primary role will be to oversee administrative division of CRWA.	1st Quarter	Completed
Engage Human Resources Firm	Engage an HR consultant to help CRWA develop standard processes and practices.	Firm Engaged; Ongoing Effort	Ongoing Effort
Develop Succession Plan and organizational chart	Develop Succession Plan and org. chart for CRWA	1st Quarter	Updated organizational chart developed. Draft succession plan under review.
Develop Asset Management/CIP Plan	Engage firm to develop asset management software and work with CRWA team to populate. Develop a 5-year CIP plan to be paired with asset management plan.	4th Quarter	Ongoing Effort
Develop Operational Master Plan	Work with member entities to develop a master plan that addresses current and future organizational needs.	3rd Quarter	RFQ for consultant issued. Response statements due April 17th
Administrative Office Expansion	Engage an architectural firm to develop conceptual design for permanent building expansion. Lease a portable building for additional staff workspace.	2nd Quarter for portable building; 3rd Quarter for conceptual plan	Portable building in use. Architect engaged to develop conceptual plan.
Develop Mission Statement and Core Values	Develop mission statement and define core values for CRWA.	2nd Quarter	Not started.
Develop a Legislative Affairs Plan	Work with CRWA's legislative affairs consultant to develop a plan to raise awareness and promote the needs of CRWA and its member entities.	1st Quarter plan development; Ongoing Effort	Ongoing Effort

COMMUNITY ENGAGEMENT			
Member Engagement	Attend at least one meeting of the governing body for each Member Entity throughout the year.	Ongoing Effort	Ongoing Effort
LAKE DUNLAP WTP			
Membrane Addition/Tank Rehabilitation Project	Complete Design; advertise for construction bids and award construction project.	3rd Quarter	Design ongoing
HAYS CALDWELL WTP			
Phase 3 (Membrane Replacement) Project	Acquire additional mobile membrane filtration unit; Complete study and select membranes for permanent installation; Develop funding strategy and timeline for permanent membrane replacement.	2nd Quarter for membrane selection; 3rd quarter for funding strategy	Design Engineer developing summary report of pilot study to be submitted to TCEQ for review and approval.
Reedville Pipeline Project	Award construction contract and begin construction.	1st Quarter	Construction completed.
WELLS RANCH			
Blumberg Desalination Project	Execute participation agreement with Participating Members; Determine execution and funding strategy; proceed with project execution.	1st Quarter	Participation agreements finalized and pending execution with members. Response statements forP3 Owner's Advisor submitted.
Well No. 10 & HSPS Project	Complete design for project and advertise for bids.	3rd Quarter	Design ongoing.