

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

**1:00 P.M. Tuesday, March 25, 2025**

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 25, 2025.** The Construction Committee will discuss and may make recommendations to the Board of Trustees on any of the items below.

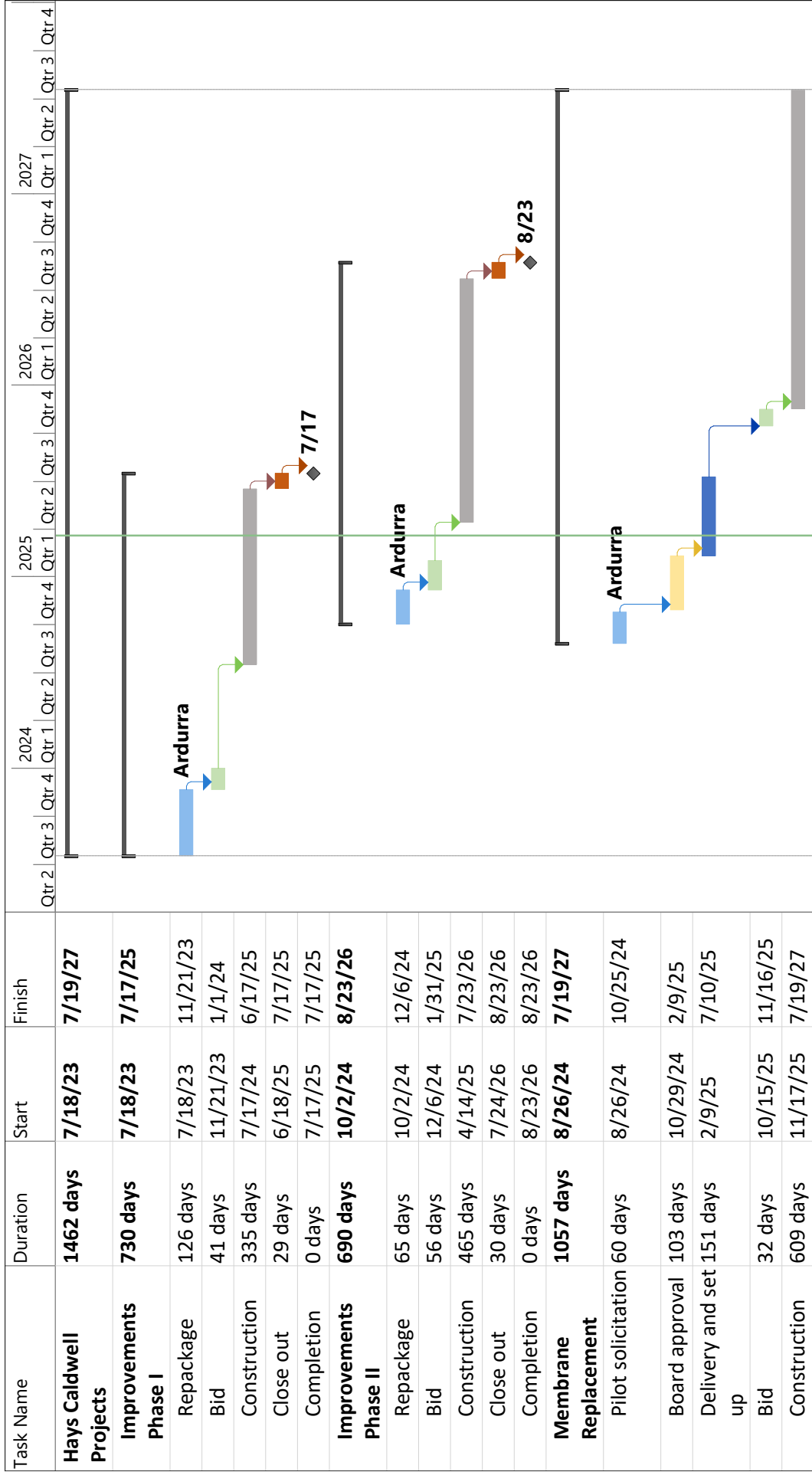
**Item**

- 1**    **Open Meeting** ~ *Mr. Sherman*
  - a. Review of Spreadsheet for Project Timeline
  
- 2**    **Transmission Line Projects**
  - a. TxDOT/CRWA IH-10 Santa Clara/Zuehl Rd Crossing Pipeline Relocation Project Update ~ *Mr. Kneuper (UEG)*
  - b. TxDOT/CRWA FM 1518 Pipeline Relocation Project Update ~ *Mr. Kneuper (UEG)*
  - c. TxDOT/CRWA IH-10 Conflict at Channel D ~ *Mr. Kneuper (UEG)*
  - d. Hays Caldwell Pipeline ~ *Mr. Gallegos*
  
- 3**    **Water Treatment Plant Improvements**
  - a. Lake Dunlap WTP ~ *Mr. Averyt*
    - Lake Dunlap Interconnect (ARWA)
    - Facility Upgrades
  - b. Wells Ranch WTP ~ *Mr. Averyt*
    - Emergency Generator Project
  - c. Hays Caldwell WTP: ~ *Mr. Averyt*
    - Phase 1 Improvements (Tank, Electrical and Piping)
    - Phase 2 Improvements
    - Membrane Pilot Study
  
- 4**    **Wells Ranch**
  - a. Well Upgrades Project ~ *Mr. Averyt*
  - b. Wells Ranch Infrastructure Upgrades ~ *Mr. Averyt*
  - c. Blumberg Project ~ *Mr. Averyt*
  
- 5**    **General Topic / Meetings**
  - a. THM Reduction
  
- 6**    **Next Meeting Date/Time Discussion**
  - a. The next meeting will be April 29, 2025, at 1:00 PM.
  
- 7**    **Adjourn**

**Construction Committee**

Chairman ~ Nicholas Sherman

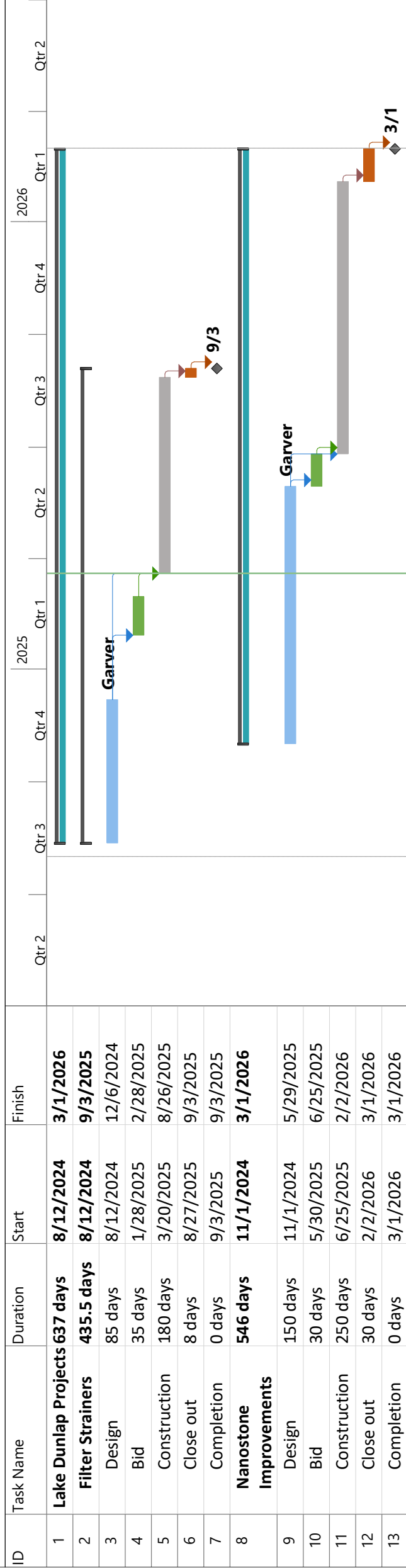
Members ~ Brandon Rohan, Justin Ivicic, Tracy Scheel, Randy Schwenn



|                    |  |                       |  |                    |  |
|--------------------|--|-----------------------|--|--------------------|--|
| 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           |  |                    |  |

Project: Hays Caldwell Timeline  
Date: 3/20/25

# Lake Dunlap Water Treatment Plant



Project: Lake Dunlap Timeline  
Date: 3/20/2025

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



# PROJECT STATUS REPORTS

## PROJECT STATUS REPORT SUMMARY

REPORT DATE

March 19, 2025

PREPARED BY

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. The Contractor is currently waiting for delivery of the HDPE pipe and fittings, as well as coordination with the tie-in sub-contractor, to complete the work at the site. UEG provided a notice to the Contractor on 7/16/24, on 8/29/24, 10/16/24, 1/5/2025, and most recently on 2/25/25, of the final completion date and outlined the requirements for delays in the Contractor's progress as provided in the contract documents. Finally, pipeline connection timing will be dependent on coordination with CRWA on timing of the tie-ins.

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.

## TXDOT/CRWA FM 1518 TRANSMISSION LINE RELOCATION STATUS SUMMARY

The project includes the offset and bore of a new section of 30-Inch CRWA transmission main, approximately 250 LF, across FM 1518 at the intersection with Lower Seguin Road. The project is required due to the TxDOT widening of FM 1518 and associated drainage improvements.

The project Notice-to-Proceed was issued for 2/13/24, giving the Contractor 120 calendar days to reach Substantial Completion and 150 calendar days (total) to reach Final Project Completion. UEG prepared and submitted to the Contractor a project work area notice letter for their continued use of adjacent property outside of the identified project construction limits and CRWA easement. A second project work area notice was issued on 6/28/24. UEG provided a notice to the Contractor on 7/15/24, 8/29/24, 10/17/24, 1/6/25,

and most recently on 2/25/25 of the final completion date and outlined the requirements for delays in the Contractor's progress as provided in the contract documents.

All work has been completed on the project except for the establishment of vegetation and restoration of the project site. On 2/28/2025, the Contractor provided CRWA with a letter of acceptance of the revegetation work from the northside easement property owner. A project walk through was held on 10/23/24 and the project substantial completion letter was also provided on 10/23/24.

The current construction contract amount is \$634,121.15 based on Change Order No. 1 (-106,537.24) and Change Order No. 2 (\$9,237.60). A request for reimbursement was submitted to TxDOT on 12/17/24 for a partial project payment in the amount of \$116,553.40.

#### 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 project existing 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. Once comments are received, UEG will finalize the relocation plans and TxDOT Standard Agreement - Supplemental Agreement for TxDOT review.



## GALLEGOS ENGINEERING, INC.

Firm No. F-003084

P.O. BOX 690067  
SAN ANTONIO, TEXAS 78269

210-641-0812 PH

### MARCH 2025 MONTHLY REPORT

**DATE:** March 19, 2025

**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

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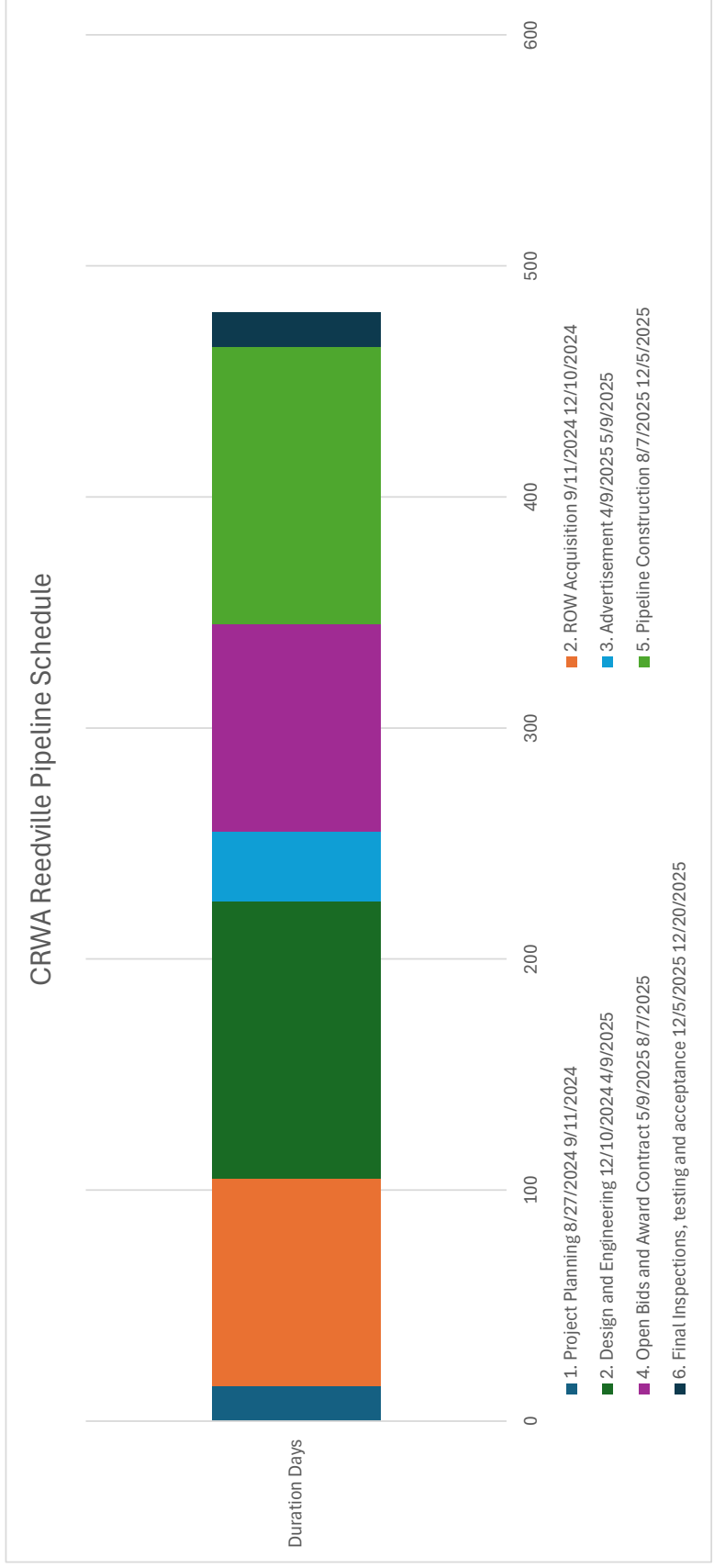
Since the last update, we have continued working on the contract specifications including the technical specifications and should have them complete by April 9, 2025. The delay has been adding the measurement and payment sections to the CRWA specifications and the possibility of an easement/alignment modification. We have added days to the award of contract/contractor to hold bids from 45 days to 90 days per CRWA direction.

Once the specifications are complete, we are ready to bid and advertise by mid-April for a May 6, 2025 bid opening at CRWA.

**At the time of this memo the overall project is currently has a December 20, 2025 completion date where originally the project was set to be complete by October 6, 2025.**

**CRWA REEDVILLE 12" PIPELINE PROJECT SCHEDULE -UPDATED MARCH 18, 2025**

| Color       | Task   | Start Date | End Date   | Duration Days |
|-------------|--|------------|------------|---------------|
| Blue        | 1. Project Planning                          | 8/27/2024  | 9/11/2024  | 15            |
| Orange      | 2. ROW Acquisition                           | 9/11/2024  | 12/10/2024 | 90            |
| Green       | 2. Design and Engineering                    | 12/10/2024 | 4/9/2025   | 120           |
| Light Blue  | 3. Advertisement                             | 4/9/2025   | 5/9/2025   | 30            |
| Purple      | 4. Open Bids and Award Contract              | 5/9/2025   | 8/7/2025   | 90            |
| Light Green | 5. Pipeline Construction                     | 8/7/2025   | 12/5/2025  | 120           |
| Dark Blue   | 6. Final Inspections, testing and acceptance | 12/5/2025  | 12/20/2025 | 15            |





13750 San Pedro Ave.  
Suite 350  
San Antonio, TX 78232  
TEL 210.447.6250  
[www.GarverUSA.com](http://www.GarverUSA.com)

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## **Canyon Regional Water Authority Lake Dunlap WTP Improvements**

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

From: Greg Swoboda, PE

Date: March 20, 2025

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 has been conducted.
12. Provided Draft Recommendation for best value proposer.
13. Conducted discussion with CRWA and with best value proposer.
14. Upcoming Work
  - a. Negotiate satisfactory contract with proposer.
  - b. Plan for Trustees Board Award.
  - c. Plan for Project Notice to Proceed.



## **Membrane Improvements**

1. Scope of work and fee being finalized with CRWA.
2. Planned scope of work includes.
  - a. Topographic survey.
  - b. Membrane improvements evaluation for consideration for 14.4 to 16.0 mgd.
  - c. Tank rehabilitation work package.
  - d. Pre-treatment evaluation.
    - i. Clarifier and plate/tube settler evaluation.
    - ii. Ozone relocation.
    - iii. Coagulant evaluation.
    - iv. TTHM Evaluation
    - v. TCEQ BIN Classification Support
  - e. 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
  - f. Bid phase services.
  - g. Construction phase services.

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

## Project Status Report to Canyon Regional Water Authority

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**Reporting Date:** March 20<sup>th</sup>, 2025

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

**Project Manager:** Stanley Fees, P.E.      **Lead Technical Professional:** Christopher Weeks, P.E.

**Construction Administrator:** Cobb, Fendley & Associates, Inc.

**Design Consultant:** Ardurra Group, Inc.

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

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### 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. 1A** to this Project Status Report. It was updated by the Contractor on March 19<sup>th</sup>, 2025. Additionally, a "Three-Week Look Ahead Schedule" that was issued by the Contractor on March 17<sup>th</sup>, 2025, is provided for review as **Attachment No. 1B** to this Project Status Report.

### Completed Work Items To-Date (General):

- Poured concrete in Wall Panel Slots and Roof Dome Rings.
- Applied Shotcrete to Core Wall and Wire Cover.
- Closed and secured the Temporary Opening for access to Tank Interior Space.
- Poured Cove within the Tank Interior Space.
- Installed all Stress Plates at openings within Tank Structure.
- Completed application of Shotcrete Finish Coat on all exterior surfaces of Tank.
- Completed grinding of exterior Wall and Roof surfaces for smooth finish.
- Applied protective coating on all exterior surfaces of Tank Structure.
- Installed brackets on Riser Pipe within Tank Interior Space.

### Near-Term Scheduled Work Items (General):

- Complete installation of all Tank Appurtenances (Interior and Exterior Ladders; Tank Vent; Top Access Hatch Door; Handrailing at Access Hatch).
- Demobilize DN Tanks personnel and equipment; Remobilize Keeley Construction personnel and equipment.

### **Summary of Geotechnical Testing and Concrete Strength Analysis completed To-Date:**

Concrete cylinder compressive strength values for the Tank Foundation, Wall Panels, and Roof Dome Panels that were tested at 7-day and 14-day intervals are provided within a tabular format for review as **Attachment No. 2** to this Project Status Report.

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### **Summary of Notes from Field Inspections completed To-Date:**

- Contractor sprayed Shotcrete on Exterior of Tank Wall.
  - Contractor wrapped Dome Ring Wire at top and bottom of Tank Exterior, then sprayed Shotcrete over the Dome Ring Wire top and bottom.
  - Contractor sprayed entire Tank Exterior Wire-Wrapped Wall with Shotcrete.
  - Contractor poured concrete in Cove Joint at bottom of Tank Interior Wall; closed Temporary Opening.
  - Contractor completed grinding of Dome Ring and Walls to smooth them out. Installed wire mesh around permanent openings on Tank Exterior.
  - Contractor sprayed Shotcrete Cover Coat on exterior of Tank including Dome Ring, lower third of Wall, and both permanent openings.
- 

### **Site Photos of Work Items completed To-Date:**

The Site Photos of work 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. 3** to this Project Status Report.

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### **Monthly Construction Progress Meeting:**

Construction Progress Meeting No. 05 was held virtually on March 13<sup>th</sup>, 2025, as an MS Teams Meeting. A copy of the Minutes from that meeting is provided for review as **Attachment No. 4** to this Project Status Report.

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# ATTACHMENT NO. 1B

Job Name: San Marcos, TX (CRWA)  
 Job Number: 20213-122  
 Tank Size: 1.0 MG  
 Super: Don Fugate  
 Substantial: 6/22/2025

DN Tanks = GC

ID: 85 SWD: 24.5

VP/CM: Jason Phillippi  
 PM: Rey Moreno  
 PE: Preston Sidwell  
 PA: Yamil Rayo

Completion Date: 7/16/2025

|   | THA REQUIRED                      | 3/17 | 3/18 | 3/19 | 3/20 | 3/21 | 3/22 | EST. COMP. DATE |
|---|-----------------------------------|------|------|------|------|------|------|-----------------|
|   |                                   | MON  | TUE  | WED  | THU  | FRI  | SAT  |                 |
| Tamms 1/install brackets on inlet riser             | Tammseal - Tammscoat installation | 6    |      |      |      |      |      |                 |
| Tamms 2/pressure wash equipment/start demob process | Tammseal - Tammscoat installation |      | 6    |      |      |      |      |                 |
| Appurtenances                                       | Misc. metal installation          |      |      | 6    |      |      |      |                 |
| Appurtenances/pressure wash equipment               | Misc. metal installation          |      |      |      | 5    |      |      |                 |
| Appurtenances/Walk -Through with owner and engineer | Misc. metal installation          |      |      |      |      | 5    |      |                 |
| Walk Through with owner and engineer @ 1:00pm       |                                   |      |      |      |      | X    |      |                 |
| Keeley on site                                      |                                   |      |      |      | X    | X    |      |                 |
|   |                                   |      |      |      |      |      |      |                 |
|   |                                   |      |      |      |      |      |      |                 |
| <b>CREW TOTALS EACH WORKING DAY</b>                 |                                   | 6    | 6    | 6    | 5    | 5    | 0    |                 |

| DESCRIPTION OF WORK - 1 WEEK LOOK AHEAD | THA REQUIRED            | 3/24 | 3/25 | 3/26 | 3/27 | 3/28 | 3/29 | EST. COMP. DATE |
|---|-------------------------|------|------|------|------|------|------|-----------------|
|   |                         | MON  | TUE  | WED  | THU  | FRI  | SAT  |                 |
| Pressure wash Equipment/load out        | Demobilization          | 4    |      |      |      |      |      |                 |
| Load out/Demob                          | Demobilization          |      | 2    |      |      |      |      |                 |
|   |                         |      |      |      |      |      |      |                 |
|   |                         |      |      |      |      |      |      |                 |
| Keeley on site                          | Power industrial trucks | X    | X    | X    | X    | X    |      |                 |
|   |                         |      |      |      |      |      |      |                 |
|   |                         |      |      |      |      |      |      |                 |
| <b>CREW TOTALS EACH WORKING DAY</b>     |                         | 4    | 2    | 0    | 0    | 0    | 0    |                 |

| DESCRIPTION OF WORK - 2 WEEK LOOK AHEAD | THA REQUIRED            | 3/31 | 4/1 | 4/2 | 4/3 | 4/4 | 4/5 | EST. COMP. DATE |
|---|-------------------------|------|-----|-----|-----|-----|-----|-----------------|
|   |                         | MON  | TUE | WED | THU | FRI | SAT |                 |
|   |                         |      |     |     |     |     |     |                 |
|   |                         |      |     |     |     |     |     |                 |
| Keeley on site                          | Power industrial trucks | X    | X   | X   | X   | X   |     |                 |
|   |                         |      |     |     |     |     |     |                 |
|   |                         |      |     |     |     |     |     |                 |
| <b>CREW TOTALS EACH WORKING DAY</b>     |                         | 0    | 0   | 0   | 0   | 0   | 0   |                 |

Note : Will need crane on site to remove push lifts from inside Tank /Install - Interior ladder and vent.. @ 9:00

|                     |                      |      |       |                     |      |      |                                      |      |      |
|---------------------|----------------------|------|-------|---------------------|------|------|--------------------------------------|------|------|
| <b>A.P.S.P</b>      | Housekeeping         | DATE | 3/17  | Safety Inspection   | DATE | 3/18 | Emergency Evacuations & Rescue Proce | DATE | 3/20 |
| <b>QC HUDDLES</b>   | Painting             | DATE | 3/12  | Install Accessories | DATE | 3/14 |                                      | DATE |      |
| <b>PHOTOS TAKEN</b> | QC PHOTOS            | DATE |       | RENTAL EQUIPMENT    | DATE |      | MISC. PHOTOS                         | DATE |      |
|                     | Wall Slots Photos on | DATE | 12/16 |                     |      |      |                                      |      |      |
| <b>DELIVERIES</b>   |                      |      |       |                     |      |      |                                      | DATE |      |
|                     | over flow flap valve | DATE | ??    |                     |      |      |                                      |      |      |
| <b>EQUIPMENT</b>    | RENTAL               | DATE |       | RENTAL              | DATE |      | MISC. EQUIPMENT                      | DATE |      |
|                     |                      |      |       |                     |      |      |                                      |      |      |

TRAINING / MANPOWER NOTES

| TANK MILESTONES | FRIDAY'S CREW SIZE: 0 |       |       | Crew Size              |       |       |                      |       |       |
|-----------------|-----------------------|-------|-------|------------------------|-------|-------|----------------------|-------|-------|
|                 | MILESTONE (REQUIRED)  | DATE: | DAYS: | MILESTONE (REQUIRED)   | DATE: | DAYS: | MILESTONE (REQUIRED) | DATE: | DAYS: |
|                 | Start Tamms           | 3/17  | 4b    | Complete Tamms         | 3/18  | 4b    | Tamms                | 3/17  | 4b    |
|                 | Start Appurtenances   | 3/19  | 4b    | Complete Appurtenances | 3/21  | 4b    | Demob                | 3/25  | 4b    |

## Christopher Weeks

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**From:** Sidwell, Preston <preston.sidwell@dntanks.com>  
**Sent:** Wednesday, March 5, 2025 10:57 AM  
**To:** Christopher Weeks  
**Cc:** Moreno, Reynaldo; Fugate, Don  
**Subject:** DN Tanks - Concrete Break Summary Clarification - San Marcos, TX (CRWA)  
**Attachments:** San Marcos, TX (CRWA) - Panel Break Summary.pdf

Good morning,

Sorry for the delay getting this information over to you.

Attached you will find the concrete break summary document that was previously provided.

This document accounts for all panels that were poured on site. All panels met the required strength for panel erection. This is denoted by the green boxes that are populated with concrete strength in PSI.

The red boxes are not missing any information, they are just blocks that do not have break information input because there was not a panel poured in that bed for that respective lift, therefore there is not a condition met and the block shows up as red.

**All panels that were poured and erected on this project are represented in this break report.**

In the coming days we will be receiving the 28-day break reports and will update this document to show the final strengths.

If you have any questions, don't hesitate to reach out.

Thanks,

**Preston Sidwell**

*Project Engineer*

214.970.5215 Phone  
410 E. Trinity Blvd, Grand Prairie, Texas 75050  
[www.dntanks.com](http://www.dntanks.com)



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# San Marcos, TX (CRWA) - 1.0 MG Water Storage Tank

## Concrete Test / Panel Summary

| Panel  |                      | Lift               |                |      |                |      |               |      |               |      |               |      |               |      |               |      |               |      |               |      |
|--------|----------------------|--------------------|----------------|------|----------------|------|---------------|------|---------------|------|---------------|------|---------------|------|---------------|------|---------------|------|---------------|------|
| Type   | Req'd. Pick Strength | Min. Pick Strength | 1              |      | 2              |      | 3             |      | 4             |      | 5             |      | 6             |      | 7             |      | 8             |      |               |      |
|        |                      |                    | 14-day<br>1/14 | 4760 | 14-day<br>1/15 | 4410 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 3850 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| WALL A | 3000                 | 2500               | 14-day<br>1/14 | 4760 | 14-day<br>1/15 | 4410 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 3850 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| WALL A | 3000                 | 2500               | 14-day<br>1/14 | 4410 | 14-day<br>1/15 | 4410 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 3590 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| WALL A | 3000                 | 2500               | 14-day<br>1/14 | 4450 | 14-day<br>1/15 | 4410 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 3590 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| WALL C | 3000                 | 2500               | 7-day<br>1/27  | 5040 | 7-day<br>1/16  | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 3850 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| D1A    | 3300                 | 2900               | 14-day<br>1/14 | 4410 | 14-day<br>1/15 | 4880 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 3850 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| D2A    | 3000                 | 2600               | 14-day<br>1/14 | 4410 | 14-day<br>1/15 | 4630 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 3850 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| D2B    | 3000                 | 2600               | 14-day<br>1/14 | 4450 | 14-day<br>1/15 | 4410 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 4610 | 7-day<br>1/24 | 5040 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| D3A    | 3000                 | 2500               | 14-day<br>1/14 | 4450 | 14-day<br>1/15 | 4630 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 4610 | 7-day<br>1/24 | 5040 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| D3B    | 3000                 | 2500               | 14-day<br>1/14 | 4760 | 14-day<br>1/15 | 4410 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 4840 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |
| D3C    | 3000                 | 2500               | 14-day<br>1/14 | 4760 | 14-day<br>1/15 | 4410 | 7-day<br>1/16 | 3670 | 7-day<br>1/17 | 3470 | 7-day<br>1/23 | 3920 | 7-day<br>1/24 | 4840 | 7-day<br>1/27 | 3590 | 7-day<br>1/27 | 3590 | 3-day<br>1/29 | 4850 |

|                    |                 |  |  |  |                 |                  |         |
|--------------------|-----------------|--|--|--|-----------------|------------------|---------|
| <b>JOB NUMBER:</b> | <b>2023-122</b> | <b>Concrete Supplier:</b>                  | Alamo Concrete                                   | <b>Testing Lab:</b>                                      | Atlas Technical | <b>Engineer:</b> | Ardurra |
| <b>14</b>          | <b>4265</b>     | 3500 Yarrington Rd<br>San Marcos, TX 78666 | 3989 Highway 290 E<br>Dripping Springs, TX 78620 | 7500 Riello Blvd. Bldg. 1, Suite 240<br>Austin, TX 78735 | 512-858-2983    | 512-381-8333     |         |
|                    |                 | 210-399-3720                               | 0  | 0  | 0               | 0                |         |





Wire Winding Machine at Top  
of Tank



Wire Winding Machine (Close Up View)



Wire Spacing Guide at Side of Tank



Tank Top Entry Hatch  
Mechanism



Shotcrete Sample for  
Compressive Strength Testing



Wire Winding Trailer for  
Lower Wall of Tank



Elevated View of Wire Winding Operations



Closure of Temporary  
Opening in Tank Wall





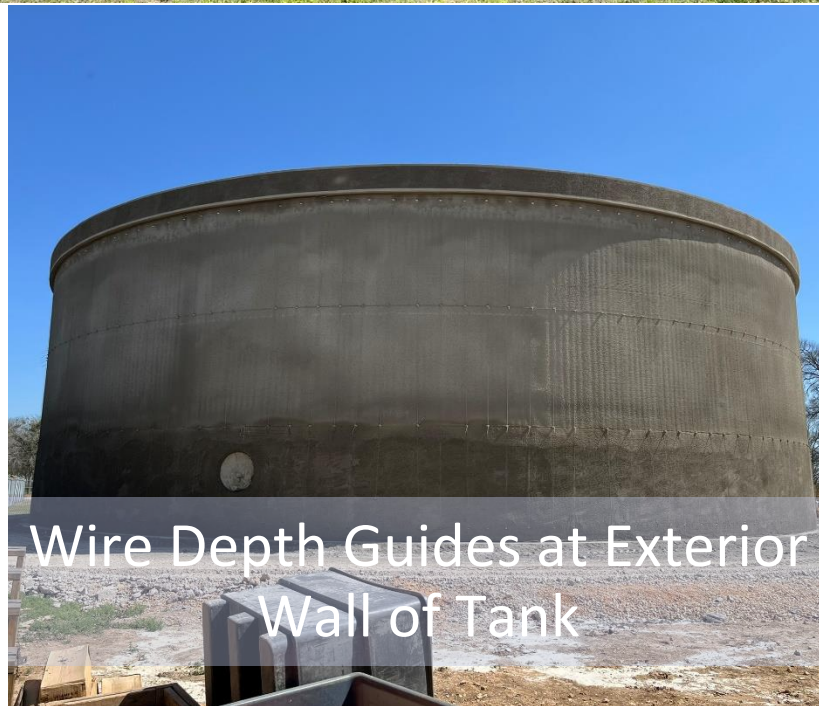
Forms Set to Pour Cove at  
Interior Wall of Tank



Sealing T.O. at Interior Wall of Tank



Shotcrete Covering of Wire at Exterior Wall of Tank



Wire Depth Guides at Exterior Wall of Tank



Final Layer of Shotcrete Applied to Exterior Wall of Tank



Protective Coating Applied to Exterior Wall of Tank



Wall Support Pads for Attachment  
of Exterior Ladder Assembly



Fittings for Tank Drain and  
Overflow Outlet



# Tank Floor Cleanup



Interior Ladder Ready for  
Installation



Cove at Interface of Tank Wall  
and Floor Structures





Tank Exterior Coating Product  
(TAMMSCOAT)

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## **Hays Caldwell WTP Improvements Project – Phase 1 (1.0 MG Ground Storage Tank and Appurtenances)**

### **Construction Progress Meeting No. 05 Minutes**

March 13<sup>th</sup>, 2025 – 9:00 AM Virtual Meeting with MS Teams

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#### **1. Attendance Sign-In Sheet**

- A Virtual Attendance Sign-In Sheet for Construction Progress Meeting No. 05 is attached to this document.

#### **2. Review and Comment on Previous Construction Progress Meeting Minutes**

- The minutes from the previous construction progress meeting were reviewed. No additional comments on, or revisions to, the minutes from the previous construction progress meeting were noted.

#### **3. General Issues / Announcements**

- None were noted.

#### **4. Construction Progress Since Last Monthly Meeting**

- Poured concrete in Wall Panel Slots and Roof Dome Rings.
- Stripped forms from Wall Panel Slots and Roof Dome Rings.
- Applied Shotcrete to core wall and wire cover.
- Removed shoring and wall braces from within Tank Interior Space.
- Closed and secured the Temporary Opening for access to Tank Interior Space.

#### **5. Three Week Look-Ahead Construction Plan**

- Pour and strip forms from Cove within Tank Interior Space.
- Complete winding of prestressed wire at Tank Exterior.
- Install all stress plates.
- Complete application of Shotcrete Finish Coat in preparation for Painting of Tank Exterior.
- Grind the Wall Panels and Roof Dome for smooth finish.
- Paint all exterior surfaces of Ground Storage Tank Structure.
- Install brackets on Riser Pipe; install Appurtenances.
- Pressure wash all construction equipment.
- Begin Site Cleanup and demobilization process.
- Tentatively set Walk-Through Inspection of Tank for March 21<sup>st</sup> at 1 p.m. (DN Tanks will issue Invitation for Inspection Meeting at the jobsite).

#### **6. Overall Construction Schedule Overview**

- Used 239 days of 365 days Contract time, which equates to 65.5%.
- NTP: July 17<sup>th</sup>, 2024.
- Contract Substantial Completion Date: June 16<sup>th</sup>, 2025.
- Scheduled Contract Final Completion Date: July 16<sup>th</sup>, 2025.
- Projected Contract Final Completion Date: August 7<sup>th</sup>, 2025.
- The DN Tanks Project Manager will provide an updated Construction Progress

Schedule to CobbFendley for review. DN Tanks is scheduled to meet with their Subcontractors to determine their Scope and Time Allotments.

- DN Tanks wants to coordinate with CRWA (David McMullen) for timeline to fill Tank with water; they also want to coordinate with CRWA and Subcontractors to discuss and plan for piping tie-in activities at the Water Treatment Plant.
- Perimeter fence installation will begin after backfilling and dirt work items are completed to a point where the location of the fence will not be affected. The goal is to have the fence installed when the new Tank is ready to be placed on-line. Temporary security fence is in place. DN Tanks will review the Contract to determine the scope limits for fence work; they will send CRWA (David McMullen) the Fence Contractor's contact information.
- A copy of the Three-Week Look Ahead Schedule as provided by DN Tanks to CobbFendley is attached to these Minutes for review and consideration.

#### **7. Quality Control**

- Wall Panel, Roof Panel, and Foundation Floor compressive strength cylinder break summary table will be updated by DN Tanks (Preston Sidwell) to reflect results of breaks at 7, 14, and 28-days. To-date, all cylinders have met the minimum compressive strength requirements.

#### **8. Submittals**

- Currently, the Design Engineer (Ardurra) has received 74 Submittal Documents, and returned 73 of those documents back to the Contractor.
- 1 Submittal Document (Expansion Joint) is pending review and grading by the Design Engineer.
- A copy of the most current Submittal Review Log as provided by Ardurra to CobbFendley is attached to these Minutes for review and consideration.

#### **9. RFIs / Contract Clarifications**

- To date, 6 total RFIs have been received. 0 RFIs currently are under review.
- No pending RFIs were identified at this time by DN Tanks.
- A copy of the most current RFI Review Log as provided by Ardurra to CobbFendley is attached to these Minutes for review and consideration.

#### **10. Contract Modifications and Change Orders**

- To date, no Contract Modifications have been identified / executed.
- Currently, no Contract Modifications or Change Orders are tentative or pending.

#### **11. Pay Applications**

- Pay Application No. 4: Approved by CRWA on March 5<sup>th</sup> for payment to DN Tanks.
- Pay Application No. 5: CobbFendley is awaiting receipt of Invoices / Purchase Orders to substantiate amount requested by DN Tanks on Bid Item No. 3010. DN Tanks noted that all valves are verified to be on-site for pending installation.
- Pay Application No. 6: RHSI has reviewed the Application and is in agreement with all the completion percentage values claimed by DN Tanks.

#### **12. Safety / Security Issues**

- No safety incidents or "near misses" have occurred at the jobsite since the date of the last Construction Progress Meeting.
- The security fence on the northwest side of the jobsite was downed due to heavy winds in the area but was put back up quickly to secure the perimeter of the construction area.
- Protective netting to shield the adjacent existing GST from shotcrete "overspray" remained in place during the heavy winds in the area.
- No breaches of Site Security were reported.

**13. Risk Management**

- No new or existing risks were identified other than the weather.

**14. Problem, Conflicts, or Claims of Changed Conditions**

- No problems, conflicts, or claims were identified.

**15. As-Builts / Close Out Items**

- A reminder was given that “Red Line” markups, and an updated Construction Progress Schedule need to be submitted with the Pay Requests so that the Design Engineer can approve the pending Pay Applications and can start developing the Project Record Drawings. DN Tanks confirmed that they will submit those to the Design Engineer.

**16. Action Items/ Open Discussion**

- No additional items were discussed.

**17. Adjournment**

- The meeting was adjourned at approximately 9:35 AM.
- **Next Scheduled Meeting – April 10<sup>th</sup>, 2025**



**Hays Caldwell WTP Improvements Project – Phase 1 (1.0 MG Ground Storage Tank and Appurtenances)**

**Construction Progress Meeting No. 05**

**March 13<sup>th</sup>, 2025**

**SIGN-IN SHEET**

| PRINTED NAME        | ORGANIZATION | PHONE NUMBER   | EMAIL ADDRESS                     | SIGNATURE (IF IN ATTENDANCE) |
|---------------------|--------------|----------------|-----------------------------------|------------------------------|
| 1.Christopher Weeks | CobbFendley  | (512) 834-4335 | Christopher.Weeks@cobbfendley.com | Virtual Attendee             |
| 2.Jason Phillippi   | DN Tanks     | (817) 475-5267 | Jason.phillippi@dn tanks.com      | Virtual Attendee             |
| 3.Preston Sidwell   | DN Tanks     | (214) 970-5215 | Preston.sidwell@dn tanks.com      | Virtual Attendee             |
| 4.Rey Moreno        | DN Tanks     | (469) 625-8038 | Reynaldo.moreno@dn tanks.com      | Virtual Attendee             |
| 5.Don Fugate        | DN Tanks     | (781) 557-8533 | Don.fugate@dn tanks.com           | Virtual Attendee             |
| 6.Yue Sun           | Ardurra      | (713) 208-9463 | ysun@ardurra.com                  | Virtual Attendee             |
| 7.Celine Nicolas    | Ardurra      | (832) 419-6658 | cnicolas@ardurra.com              | Virtual Attendee             |
| 8.David McMullen    | CRWA         | (512) 581-8544 | mcmullen@crwa.com                 | Virtual Attendee             |
| 9.Bobby Rodriguez   | CRWA         | (830) 500-0107 | brodriguez@crwa.com               | Virtual Attendee             |
| 10.Stanley Fees     | CobbFendley  | (512) 646-4349 | sfees@cobbfendley.com             | Virtual Attendee             |
| 11.Jonathan Stein   | RHSI         | (210) 889-8143 | jstein@rhsitx.com                 | Virtual Attendee             |
| 12.                 |              |                |                                   |                              |
| 13.                 |              |                |                                   |                              |
| 14.                 |              |                |                                   |                              |
| 15.                 |              |                |                                   |                              |
| 16.                 |              |                |                                   |                              |

Job Name: San Marcos, TX (CRWA)  
 Job Number: 20213-122  
 Tank Size: 1.0 MG  
 Super: Don Fugate  
 Substantial: 6/22/2025

DN Tanks = GC

VP/CM: Jason Phillippi  
 PM: Rey Moreno  
 PE: Preston Sidwell  
 PA: Yamil Rayo

ID: 85 SWD: 24.5

Completion Date: 7/16/2025

|   | THA REQUIRED                      | 3/17 | 3/18 | 3/19 | 3/20 | 3/21 | 3/22 | EST. COMP. DATE |
|---|-----------------------------------|------|------|------|------|------|------|-----------------|
|   |                                   | MON  | TUE  | WED  | THU  | FRI  | SAT  |                 |
| Tamms 1/install brackets on inlet riser             | Tammseal - Tammscoat installation | 6    |      |      |      |      |      |                 |
| Tamms 2/pressure wash equipment/start demob process | Tammseal - Tammscoat installation |      | 6    |      |      |      |      |                 |
| Appurtenances                                       | Misc. metal installation          |      |      | 6    |      |      |      |                 |
| Appurtenances/pressure wash equipment               | Misc. metal installation          |      |      |      | 5    |      |      |                 |
| Appurtenances/Walk -Through with owner and engineer | Misc. metal installation          |      |      |      |      | 5    |      |                 |
| Walk Through with owner and engineer @ 1:00pm       |                                   |      |      |      |      | X    |      |                 |
| Keeley on site                                      |                                   |      |      |      | X    | X    |      |                 |
| <b>CREW TOTALS EACH WORKING DAY</b>                 |                                   | 6    | 6    | 6    | 5    | 5    | 0    |                 |

| DESCRIPTION OF WORK - 1 WEEK LOOK AHEAD | THA REQUIRED            | 3/24 | 3/25 | 3/26 | 3/27 | 3/28 | 3/29 | EST. COMP. DATE |
|---|-------------------------|------|------|------|------|------|------|-----------------|
|   |                         | MON  | TUE  | WED  | THU  | FRI  | SAT  |                 |
| Pressure wash Equipment/load out        | Demobilization          | 4    |      |      |      |      |      |                 |
| Load out/Demob                          | Demobilization          |      | 2    |      |      |      |      |                 |
| Keeley on site                          | Power industrial trucks | X    | X    | X    | X    | X    |      |                 |
| <b>CREW TOTALS EACH WORKING DAY</b>     |                         | 4    | 2    | 0    | 0    | 0    | 0    |                 |

| DESCRIPTION OF WORK - 2 WEEK LOOK AHEAD | THA REQUIRED            | 3/31 | 4/1 | 4/2 | 4/3 | 4/4 | 4/5 | EST. COMP. DATE |
|---|-------------------------|------|-----|-----|-----|-----|-----|-----------------|
|   |                         | MON  | TUE | WED | THU | FRI | SAT |                 |
| Keeley on site                          | Power industrial trucks | X    | X   | X   | X   | X   |     |                 |
| <b>CREW TOTALS EACH WORKING DAY</b>     |                         | 0    | 0   | 0   | 0   | 0   | 0   |                 |

Note : Will need crane on site to remove push lifts from inside Tank /Install - Interior ladder and vent.. @ 9:00

|              |                      |      |       |                     |      |      |  |      |      |
|--------------|----------------------|------|-------|---------------------|------|------|--|------|------|
| A.P.S.P      | Housekeeping         | DATE | 3/17  | Safety Inspection   | DATE | 3/18 | Emergency Evacuations & Rescue Proceed | DATE | 3/20 |
| QC HUDDLES   | Painting             | DATE | 3/12  | Install Accessories | DATE | 3/14 |  | DATE |      |
| PHOTOS TAKEN | QC PHOTOS            | DATE |       | RENTAL EQUIPMENT    | DATE |      | MISC. PHOTOS                           | DATE |      |
|              | Wall Slots Photos on | DATE | 12/16 |                     |      |      |  |      |      |
| DELIVERIES   | over flow flap valve | DATE | ??    |                     |      |      |  | DATE |      |
| EQUIPMENT    | RENTAL               | DATE |       | RENTAL              | DATE |      | MISC. EQUIPMENT                        | DATE |      |

TRAINING / MANPOWER NOTES

| TANK MILESTONES | FRIDAY'S CREW SIZE: 0 |       |       | Crew Size              |       |       |                      |       |       |
|-----------------|-----------------------|-------|-------|------------------------|-------|-------|----------------------|-------|-------|
|                 | MILESTONE (REQUIRED)  | DATE: | DAYS: | MILESTONE (REQUIRED)   | DATE: | DAYS: | MILESTONE (REQUIRED) | DATE: | DAYS: |
|                 | Start Tamms           | 3/17  | 4b    | Complete Tamms         | 3/18  | 4b    | Tamms                | 3/17  | 4b    |
|                 | MILESTONE             | DATE: | DAYS: | MILESTONE              | DATE: | DAYS: | MILESTONE            | DATE: | DAYS: |
|                 | Start Appurtenances   | 3/19  | 4b    | Complete Appurtenances | 3/21  | 4b    | Demob                | 3/25  | 4b    |

Canyon Regional Water Authority  
Hays Caldwell WTP Improvements Phase 1  
SUBMITTAL REVIEW LOG  
Contractor: DN Tanks  
Project Manager: Yue Sun

| Submittal No. | Vendor/Supplier             | Manufacturer                                       | Spec Section | Submittal Description                 | Date of Submittal | Date of Submittal Returned | Code 1<br>APPROVED | Code 2<br>App. As Noted/Comments Attached | Code 3<br>App. As Noted/CONFIRM | Code 4<br>App. As Noted Resubmit | Code 5<br>NOT APPROVED Resubmit | Code 6<br>RECEIPT ACKNOWLEDGE D |
|---------------|-----------------------------|--|--------------|---------------------------------------|-------------------|----------------------------|--------------------|---|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| 01.32.16-01   | DN Tanks                    | DN Tanks   | 01.32.16     | Baseline Schedule                     | 8/30/2024         | 9/18/2024                  |                    | X   |                                 |                                  |                                 |                                 |
| 03.15.00-01   | DN Tanks                    | Concrete Sealants, Inc.                            | 03.15.00     | Joint Sealer (Valve Casing)           | 8/8/2024          | 8/21/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.15.00-02   | DN Tanks                    | Sika Corporation                                   | 03.15.00     | Sika - 1A                             | 8/27/2024         | 9/19/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.15.00-03   | DN Tanks                    | DCA Construction Products, LLC                     | 03.15.00     | Waterstop - Type 9                    | 8/27/2024         | 9/19/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.15.00-04   | DN Tanks                    | DCA Construction Products, LLC                     | 03.15.00     | Waterstop - Type 10                   | 9/9/2024          | 9/19/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.15.00-05   | DN Tanks                    | Multiple   | 03.15.00     | Concrete & Shotcrete Mix Designs      | 10/28/2024        | 10/30/2024                 |                    | X   |                                 |                                  |                                 |                                 |
| 03.30.00-01   | DN Tanks                    | TEX MIX  | 03.30.00     | Concrete (4000-3000 PSI)              | 7/11/2024         | 8/7/2024                   |                    |   | X                               |                                  |                                 |                                 |
| 03.30.00-01-A | DN Tanks                    | TEX MIX  | 03.30.00     | Concrete (4000-3000 PSI)              | 8/8/2024          | 8/22/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.30.00-02   | DN Tanks                    | SpecChem   | 03.30.00     | Concrete Curing Compound              | 8/5/2024          | 8/19/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.30.00-03   | DN Tanks                    | Quikrete   | 03.30.00     | Concrete Bag (Vault Casing/Cradling)  | 8/8/2024          | 8/21/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.30.00-04   | DN Tanks                    | SpecChem   | 03.30.00     | Flowable Grout                        | 8/8/2024          | 8/21/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.30.00-05   | DN Tanks                    | W. R. Meadows/ Inc.                                | 03.30.00     | Fiber Expansion                       | 8/23/2024         | 9/19/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.30.00-06   | DN Tanks                    | Sika Corporation                                   | 03.30.00     | Joint Sealant                         | 8/23/2024         | 9/19/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.30.00-07   | DN Tanks                    | Multiple   | 03.30.00     | GST Concrete & Shotcrete Mix Designs  | 11/5/2024         | 11/8/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 03.30.00.08   | DN Tanks                    | TEXMIX   | 03.30.00     | 2500 PSI (Valve Cradle)               | 2/18/2025         | 3/3/2025                   |                    |   |                                 |                                  | X                               |                                 |
| 09.90.00-01   | Cohen Industrial Supply Co. | Sherwin Williams                                   | 09.90.00     | Exposed Pipe Coating                  | 11/11/2024        | 12/11/2024                 |                    | X   |                                 |                                  |                                 |                                 |
| 09.90.00-02   | Cohen Industrial Supply Co. | Allstates Coatings Co. Control Panels USA Inc.     | 09.90.00     | Underground Pipe Coating              | 11/11/2024        | 12/11/2024                 |                    | X   |                                 |                                  |                                 |                                 |
| 26.00.00-01   | DN Tanks                    | Multiple   | 26.00.00     | Electrical Controls & Instrumentation | 10/9/2024         | 10/10/2024                 |                    |   |                                 |                                  | X                               |                                 |
| 31.20.00-01   | DN Tanks                    | Martin Marietta                                    | 31.20.00     | 5x3 Gabion                            | 7/9/2024          | 7/26/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 31.20.00-02   | DN Tanks                    | Martin Marietta                                    | 31.20.00     | #67                                   | 7/9/2024          | 7/26/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 31.20.00-03   | DN Tanks                    | Martin Marietta                                    | 31.20.00     | #67                                   | 7/9/2024          | 7/26/2024                  | X                  |   |                                 |                                  |                                 |                                 |
| 31.20.00-04   | DN Tanks                    | Martin Marietta                                    | 31.20.00     | Flex Base                             | 7/9/2024          | 7/26/2024                  |                    | X   |                                 |                                  |                                 |                                 |
| 31.20.00-05   | DN Tanks                    | TenCate Geosynthetics Americas (A Solimax Company) | 31.20.00     | Geotextile - Mirafi 1160N             | 7/9/2024          | 7/26/2024                  | X                  |   |                                 |                                  |                                 |                                 |

Canyon Regional Water Authority  
Hays Caldwell WTP Improvements Phase 1  
SUBMITTAL REVIEW LOG  
Contractor: DN Tanks  
Project Manager: Yue Sun

| Submittal No. | Vendor/Supplier | Manufacturer                                      | Spec Section         | Submittal Description                  | Date of Submittal | Date of Submittal Returned | Code 1 APPROVED | Code 2 App. As Noted/Comments Attached | Code 3 App. As Noted/CONFIRM | Code 4 App. As Noted Resubmit | Code 5 NOT APPROVED Resubmit | Code 6 RECEIPT ACKNOWLEDGE D |
|---------------|-----------------|---|----------------------|--|-------------------|----------------------------|-----------------|--|------------------------------|-------------------------------|------------------------------|------------------------------|
| 31 20 00-06   | DN Tanks        | TenCate Geosynthetics Americas (A Solmax Company) | 31 20 00             | Geotextile - Mirafi 1100N              | 7/9/2024          | 7/26/2024                  |                 |  |                              |                               |                              | X                            |
| 31 20 00-07   | DN Tanks        | Tensar TenCate                                    | 31 20 00             | Geotextile - Mirafi 500x               | 7/9/2024          | 7/26/2024                  | X               |  |                              |                               |                              |                              |
| 31 20 00-08   | DN Tanks        | Tensar TenCate                                    | 31 20 00             | Geotextile - Mirafi 500x               | 7/9/2024          | 7/26/2024                  | X               |  |                              |                               |                              |                              |
| 31 20 00-09   | DN Tanks        | Terracon  | 31 20 00             | Terracon Proof Roll Observation Letter | 12/18/2024        | 1/10/2025                  |                 |  |                              |                               |                              | X                            |
| 31 37 00-01   | DN Tanks        | Keeley Construction                               | 31 37 00             | 12x6 Rip Rap                           | 8/22/2024         | 9/10/2024                  | X               |  |                              |                               |                              |                              |
| 32 92 13-01   | DN Tanks        | Douglas King Seeds                                | 32 92 13             | Seeds (Permeant Vegetative Covering)   | 8/8/2024          | 8/14/2024                  |                 |  |                              | X                             |                              |                              |
| 32 92 13-01-A | DN Tanks        | Douglas King Seeds                                | 33 92 13             | Seeds (Permeant Vegetative Covering)   | 8/23/2024         | 8/27/2024                  |                 | X                                      |                              |                               |                              |                              |
| 32 92 13-02   | DN Tanks        | Multiple  | 32 92 13             | Security Fence                         | 2/14/2025         | 3/3/2025                   | J. Felger       |  |                              |                               | X                            |                              |
| 33 01 12-01   | DN Tanks        | Keeley Construction                               | 33 01 12             | Underlab Pipe Hydrostatic Test Results | 12/19/2024        | 1/13/2025                  |                 |  |                              |                               |                              | X                            |
| 33 05 26-01   | DN Tanks        | Presco  | 33 05 26             | Non-Detectable Tape                    | 2/20/2025         | 3/11/2025                  |                 |  |                              |                               |                              |                              |
| 33 11 10-01   | DN Tanks        | Multiple  | 33 11 10             | Mechanical Joint Restraint             | 8/5/2024          | 9/9/2024                   |                 |  | X                            |                               |                              |                              |
| 33 11 10-01-A | DN Tanks        | Multiple  | 33 11 10             | Mechanical Joint Restraint             | 9/20/2024         | 10/3/2024                  |                 | X                                      |                              |                               |                              |                              |
| 33 11 10-02   | DN Tanks        | Multiple  | 33 11 10             | DI Pipe & Polyethylene                 | 8/5/2024          | 9/9/2024                   |                 |  | X                            |                               |                              |                              |
| 33 11 10-02-A | DN Tanks        | Multiple  | 33 11 10             | DI Pipe & Polyethylene                 | 9/24/2024         | 10/3/2024                  |                 |  | X                            |                               |                              |                              |
| 33 11 10-03   | DN Tanks        | Multiple  | 33 11 10             | DI Pipe Fittings                       | 8/5/2024          | 9/9/2024                   |                 |  | X                            |                               |                              |                              |
| 33 11 10-03-A | DN Tanks        | Multiple  | 33 11 10             | DI Pipe Fittings                       | 9/20/2024         | 10/3/2024                  |                 | X                                      |                              |                               |                              |                              |
| 33 11 10-04   | DN Tanks        | ITP   | 40 05 19<br>40 05 23 | Bolts                                  | 8/8/2024          | 9/9/2024                   |                 |  |                              |                               |                              |                              |
| 33 11 10-05   | DN Tanks        | Custom Pipe & Fabrication Inc.                    | 33 11 10             | DI Pipe Fabricated                     | 9/24/2024         | 10/3/2024                  |                 | X                                      |                              |                               |                              |                              |
| 33 11 10-06   | DN Tanks        | American Flow Control                             | 33 11 10             | 30 Inch Flanged Gate Valve             | 9/25/2024         | 10/3/2024                  |                 | X                                      |                              |                               |                              |                              |
| 40 05 06-01   | DN Tanks        | EBAA Iron Inc.                                    | 40 05 06             | Mega Coupling                          | 11/20/2024        | 12/11/2024                 |                 |  | X                            |                               |                              |                              |
| 40 05 06-02   | DN Tanks        | General Rubber                                    | 40 05 06             | Expansion Joint                        | 2/28/2025         |                            |                 |  |                              |                               |                              |                              |
| 40 05 24-01   | DN Tanks        | Felker Fabrication                                | 40 05 24             | Fabricated Stainless Steel             | 8/22/2024         | 9/18/2024                  |                 |  |                              |                               |                              |                              |
| 40 05 51-01   | DN Tanks        | Tyler Union                                       | 40 05 51             | Valve Box                              | 8/5/2024          | 9/9/2024                   |                 | X                                      |                              |                               |                              |                              |
| 40 05 61-01   | DN Tanks        | American Flow Control                             | 40 05 61             | Gate Valves                            | 8/5/2024          | 9/9/2024                   |                 | X                                      |                              |                               |                              |                              |



Canyon Regional Water Authority  
Hays Caldwell WTP Improvements Phase 1  
SUBMITTAL REVIEW LOG  
Contractor: DN Tanks  
Project Manager: Yue Sun

| Submittal No. | Vendor/Supplier | Manufacturer                           | Spec Section | Submittal Description                           | Date of Submittal | Date of Submittal Returned | Code 1 APPROVED | Code 2 App. As Noted/Comments Attached | Code 3 App. As Noted/CONFIRM | Code 4 App. As Noted Resubmit | Code 5 NOT APPROVED Resubmit | Code 6 RECEIPT ACKNOWLEDGE D |
|---------------|-----------------|--|--------------|---|-------------------|----------------------------|-----------------|--|------------------------------|-------------------------------|------------------------------|------------------------------|
| 40 41 00-01   | DN Tanks        | Control Panels USA Inc.                | 40 41 00     | Electrical Heat Trace                           | 12/13/2024        | 1/20/2025                  |                 |  |                              | X                             |                              |                              |
| 40 41 00-01-A | DN Tanks        | Control Panels USA Inc.                | 40 41 00     | Electrical Heat Trace                           | 2/10/2025         | 3/3/2025                   |                 | X                                      |                              |                               |                              |                              |
| 40 61 00-01   | DN Tanks        | Control Panels USA Inc.                | 40 61 00     | Electrical Controls & Instrumentation           | 10/15/2024        | 10/25/2024                 |                 |  |                              |                               | X                            |                              |
| 40 66 00-01   | DN Tanks        | Control Panels USA Inc.                | 40 66 00     | Communications Interface Equipment              | 12/13/2024        | 1/7/2025                   | X               |  |                              |                               |                              |                              |
| 40 72 00-01   | DN Tanks        | Control Panels USA Inc.                | 40 72 00     | Level Instruments                               | 12/13/2024        | 1/7/2025                   | X               |  |                              |                               |                              |                              |
| 43 41 63-01   | DN Tanks        | DN Tanks                               | 43 41 63     | DN Tanks Foundation Drawings                    | 8/19/2024         | 9/19/2024                  |                 | N. Green                               |                              | X                             |                              |                              |
| 43 41 63-02   | DN Tanks        | DN Tanks                               | 43 41 63     | Tank Design Drawings & Engineer Response Letter | 10/4/2024         | 10/22/2024                 | A. Ayala        | X                                      |                              |                               |                              |                              |
| 43 41 63-03   | DN Tanks        | DN Tanks                               | 43 41 63     | Tank Design Calculations                        | 10/4/2024         | 10/17/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-04   | DN Tanks        | DN Tanks                               | 43 41 63     | Tank Fabrication Drawings                       | 10/4/2024         | 11/4/2024                  | N. Green        |  |                              |                               |                              |                              |
| 43 41 63-04-A | DN Tanks        | DN Tanks                               | 43 41 63     | Tank Fabrication Drawings                       | 1/31/2025         | 2/18/2025                  |                 |  | X                            |                               |                              |                              |
| 43 41 63-05   | DN Tanks        | Sika Corporation                       | 43 41 63     | Steel Diaphragm                                 | 10/18/2024        | 10/30/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-06   | DN Tanks        | Sika Corporation                       | 43 41 63     | PVC Waterstop                                   | 10/4/2024         | 10/18/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-07   | DN Tanks        | Multiple                               | 43 41 63     | Polysulfide Sealants                            | 10/4/2024         | 10/17/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-08   | DN Tanks        | Gerard Packing and Belting Corporation | 43 41 63     | Natural Rubber Bearing Pads                     | 10/4/2024         | 10/17/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-09   | DN Tanks        | Gerard Packing and Belting Corporation | 43 41 63     | Neoprene Bearing Pads                           | 10/4/2024         | 10/17/2024                 |                 |  |                              | X                             |                              |                              |
| 43 41 63-10   | DN Tanks        | Dayton Superior                        | 43 41 63     | Concrete Curing Compound                        | 10/4/2024         | 10/17/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-11   | DN Tanks        | Solomon Colors, Inc.                   | 43 41 63     | Concrete Finishing Aid                          | 10/4/2024         | 10/17/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-12   | DN Tanks        | GT Industries                          | 43 41 63     | Sponge Rubber Filler                            | 10/4/2024         | 10/17/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-13   | DN Tanks        | Commercial Grade Quikrete              | 43 41 63     | Quikrete Grout                                  | 10/4/2024         | 10/17/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-14   | DN Tanks        | HILTI                                  | 43 41 63     | Epoxy Coating System                            | 10/4/2024         | 10/17/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-15   | DN Tanks        | Chase Associates                       | 43 41 63     | Manway  | 10/4/2024         | 11/4/2024                  | A. Ayala        |  | X                            |                               |                              |                              |
| 43 41 63-16   | DN Tanks        | USF Fabrication                        | 43 41 63     | Tank Roof Hatch                                 | 10/4/2024         | 11/4/2024                  |                 |  | X                            |                               | A. Ayala                     |                              |
| 43 41 63-17   | DN Tanks        | French Creek Production                | 43 41 63     | Ladder Fall Prevention (Exterior Ladder)        | 10/4/2024         | 11/4/2024                  | A. Ayala        |  |                              |                               | X                            |                              |
| 43 41 63-18   | DN Tanks        | Euclid Chemical                        | 43 41 63     | Tank Architectural Coating                      | 10/4/2024         | 11/4/2024                  |                 | X                                      |                              |                               |                              |                              |
| 43 41 63-19   | DN Tanks        | Atlantic Fabricators                   | 43 41 63     | Tank Roof Vent (AIS)                            | 10/18/2024        | 11/4/2024                  |                 |  |                              |                               |                              |                              |
| 43 41 63-20   | DN Tanks        | DCA Construction Products, LLC         | 43 41 63     | Waterstop Type 11                               | 10/25/2024        | 10/30/2024                 | X               |  |                              |                               |                              |                              |
| 43 41 63-20   | DN Tanks        | White Cap                              | 43 41 63     | Rebar Shop Drawings (Overflow Structure)        | 11/20/2024        | 12/9/2024                  | X               |  |                              |                               |                              |                              |

**Hays Caldwell WTP  
Ph 1 Improvements  
RFI REVIEW LOG**

**Contractor: DN Tanks  
Project Manager: Yue Sun**

| <b>RFI No.</b> | <b>Vendor/Supplier</b> | <b>Specification Section</b> | <b>RFI Subject</b>                             | <b>Date of RFI Received by Ardurra</b> | <b>Date of RFI Returned</b> |
|----------------|------------------------|------------------------------|--|--|-----------------------------|
| 001            | DN Tanks               | Geotechnical Report          | Allowable Bearing Capacity PSF                 | 8/5/2024                               | 8/13/2024                   |
| 002            | DN Tanks               | Geotechnical Report          | Site Classification                            | 8/5/2024                               | 8/13/2024                   |
| 003            | DN Tanks               | N/A                          | Overflow Wing Wall Rebar Details               | 8/21/2024                              | 8/26/2024                   |
| 004            | DN Tanks               | 03 30 00                     | GST Concrete Fly Ash Content - <b>Critical</b> | 9/24/2024                              | 9/25/2024                   |
| 005            | DN Tanks               | 09 90 00                     | Exterior Overflow Pipe Coating                 | 10/25/2024                             | 10/28/2024                  |
| 006            | DN Tanks               | 03 30 00                     | Elevation Discrepancy                          | 1/2/2025                               | 1/2/2025                    |



| To:                                    | From:                           | Subject:  |
|--|---------------------------------|---|
| Canyon Regional Water Authority (CRWA) | STV, Inc.<br>Marisa Vergara, PE | CRWA Project No. 2024-002<br>March Monthly Progress Report<br>3/21/2025 |

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

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**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 2025 Progress**

- Reviewed and responded to revised VFDs and well pumps submittal
- Contractor continued coordination with GVEC (electrical service provider).
- Reviewed potential Change Order to install existing 800 kW generator at Well 2 and 3 site.
- Continue coordination with RW Harden (Hydrologist Consultant to CRWA) for required increased permitted pumping capacity for Wells 2 and 14. Pending CRWA approval for RW Harden modeling associated with GCUWCD permits.

**April 2025 Progress Planned**

- Review additional submittals.
- Review Contractor’s updated construction schedule to confirm long lead times for electrical equipment.
- Anticipate Contractor mobilization in May.

**Project Schedule Summary**

- TCEQ Permit Anticipated Approval: June 2025
- Construction Substantial Completion: October 2025
- Status – ON Schedule. Continue to monitor due to electrical equipment lead times.

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

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**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 evaluates 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. Develop 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 2025 Progress**

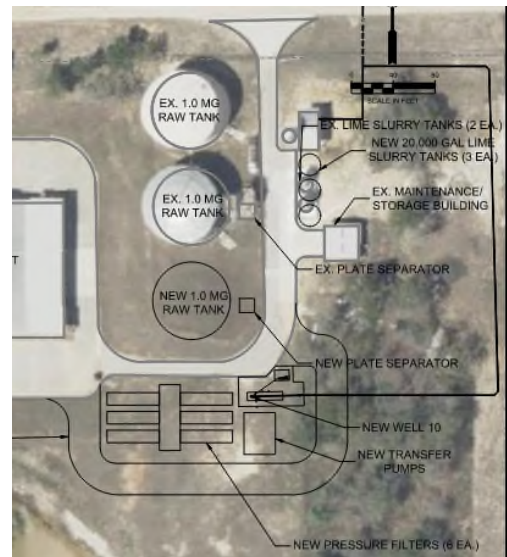
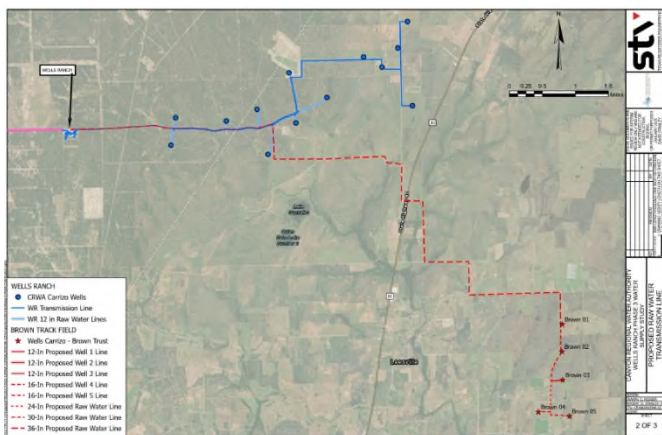
- Met with CRWA Staff to review all draft Tables and Exhibits after revisions from prior February Staff meeting.
- Submitted a Draft Report with all findings to CRWA Staff for review and conducted a review meeting.
- Incorporate final comments from CRWA staff (due March 21<sup>st</sup>).

**April 2025 Projected Planned**

- Submit final report with recommendations and OPCC
- Present findings to Board of Managers on April 2, 2025

**Project Schedule Summary**

- Final report due to CRWA on April 11, 2025
- Status – on schedule per revised to combine with Work Order 3



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

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**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.

**March 2025 Progress**

- Submit draft RRA report on March 17, 2025
- Update calculations and finalize draft RRA report, based on CRWA comments.
- Board of Trustees Executive briefing on March 10, 2025
- Submit final RRA Report on March 28, 2025
- Certification of RRA Update for EPA on March 31, 2025

**April 2025 Projected Progress Planned**

- Plan schedule for Emergency Response Plan update.

**Project Schedule Summary**

- Draft Risk and Resilience Assessment – Due March 17, 2025
- CRWA comments – Due March 26, 2025
- Final Risk and Resilience Assessment – Due March 28, 2025
- Draft Emergency Response Plan – Due July 30, 2025
- Final Emergency Response Plan – Due September 15, 2025
- Status: On schedule.