

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

**1:00 P.M. Tuesday, February 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, February 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** ~ *Brandon Rohan*
  - 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 March 25, 2025, at 1:00 PM.
  
- 7**    **Adjourn**

**Construction Committee**

Chairman ~ Brandon Rohan

Members ~ Nicholas Sherman, Justin Ivicic, Tracy Scheel, Randy Schwenn

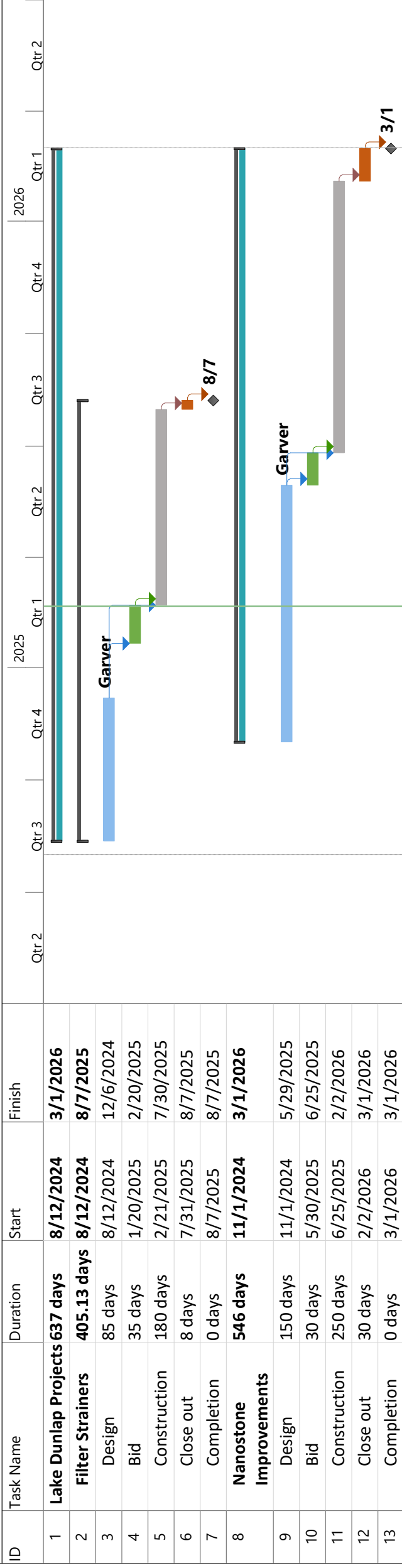
Task Name	Duration	Start	Finish	2024	2025	2026	2027
				Qtr 1   Qtr 2   Qtr 3   Qtr 4	Qtr 1   Qtr 2   Qtr 3   Qtr 4	Qtr 1   Qtr 2   Qtr 3   Qtr 4	Qtr 1   Qtr 2   Qtr 3   Qtr 4
<b>Hays Caldwell Projects</b>	<b>1462 days</b>	<b>7/18/2023</b>	<b>7/19/2027</b>	[Timeline bar]			
<b>Improvements Phase I</b>	<b>730 days</b>	<b>7/18/2023</b>	<b>7/17/2025</b>	[Timeline bar]			
Repackage	126 days	7/18/2023	11/21/2023	[Timeline bar]			
Bid	41 days	11/21/2023	1/1/2024	[Timeline bar]			
Construction	335 days	7/17/2024	6/17/2025	[Timeline bar]			
Close out	29 days	6/18/2025	7/17/2025	[Timeline bar]			
Completion	0 days	7/17/2025	7/17/2025	[Timeline bar]			
<b>Improvements Phase II</b>	<b>690 days</b>	<b>10/2/2024</b>	<b>8/23/2026</b>	[Timeline bar]			
Repackage	65 days	10/2/2024	12/6/2024	[Timeline bar]			
Bid	56 days	12/6/2024	1/31/2025	[Timeline bar]			
Construction	465 days	4/14/2025	7/23/2026	[Timeline bar]			
Close out	30 days	7/24/2026	8/23/2026	[Timeline bar]			
Completion	0 days	8/23/2026	8/23/2026	[Timeline bar]			
<b>Membrane Replacement</b>	<b>1057 days</b>	<b>8/26/2024</b>	<b>7/19/2027</b>	[Timeline bar]			
Pilot solicitation	60 days	8/26/2024	10/25/2024	[Timeline bar]			
Board approval	103 days	10/29/2024	2/9/2025	[Timeline bar]			
Delivery and set up	151 days	2/9/2025	7/10/2025	[Timeline bar]			
Bid	32 days	10/15/2025	11/16/2025	[Timeline bar]			
Construction	609 days	11/17/2025	7/19/2027	[Timeline bar]			



Task	[Blue bar]	Inactive Summary	[Grey bar]	External Tasks	[Grey bar]
Split	[Dotted line]	Manual Task	[Teal bar]	External Milestone	[Grey diamond]
Milestone	[Black diamond]	Duration-only	[Light teal bar]	Deadline	[Green arrow]
Summary	[Black bar]	Manual Summary Rollup	[Teal bar]	Progress	[Blue bar]
Project Summary	[Grey bar]	Manual Summary	[Black bar]	Manual Progress	[Teal bar]
Inactive Task	[White bar]	Start-only	[L bracket]		
Inactive Milestone	[Grey diamond]	Finish-only	[R bracket]		

Project: Hays Caldwell Timeline  
Date: 2/20/2025

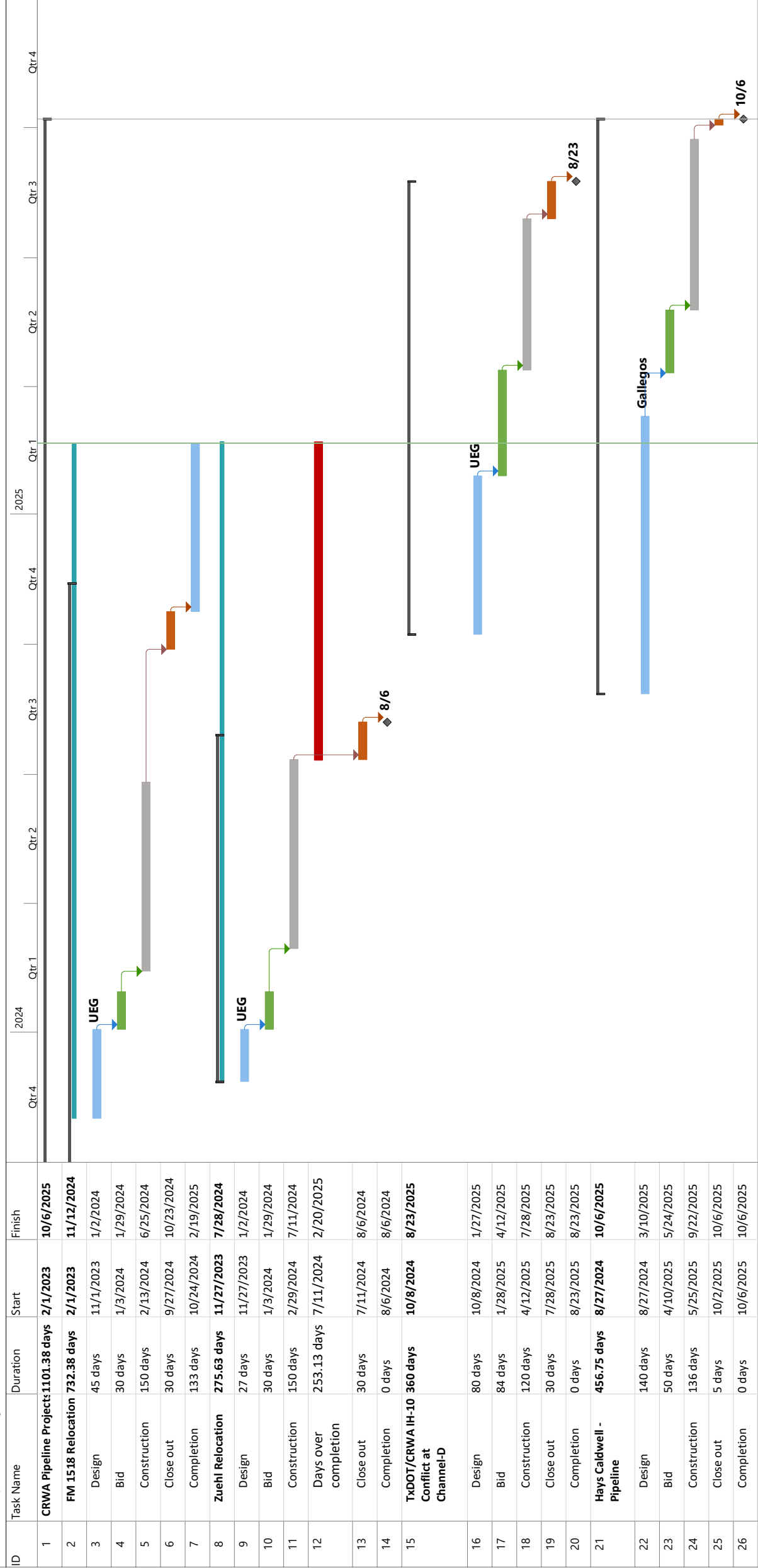
# Lake Dunlap Water Treatment Plant



Project: Lake Dunlap Timeline  
Date: 2/20/2025

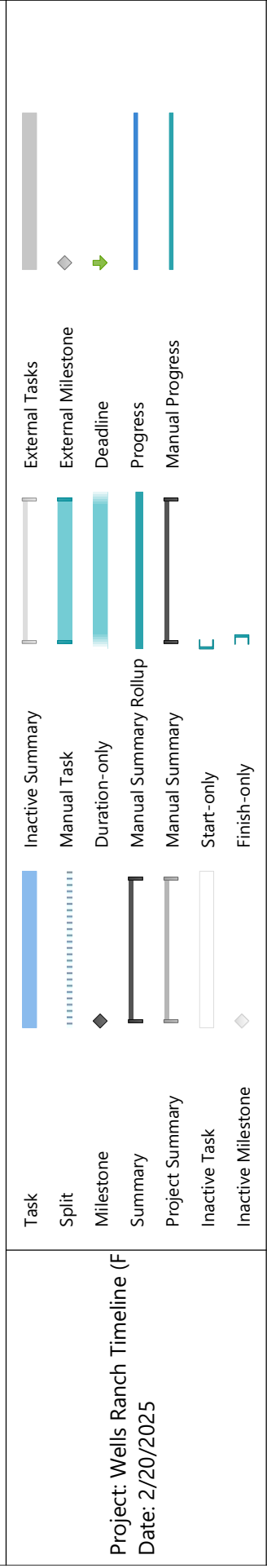
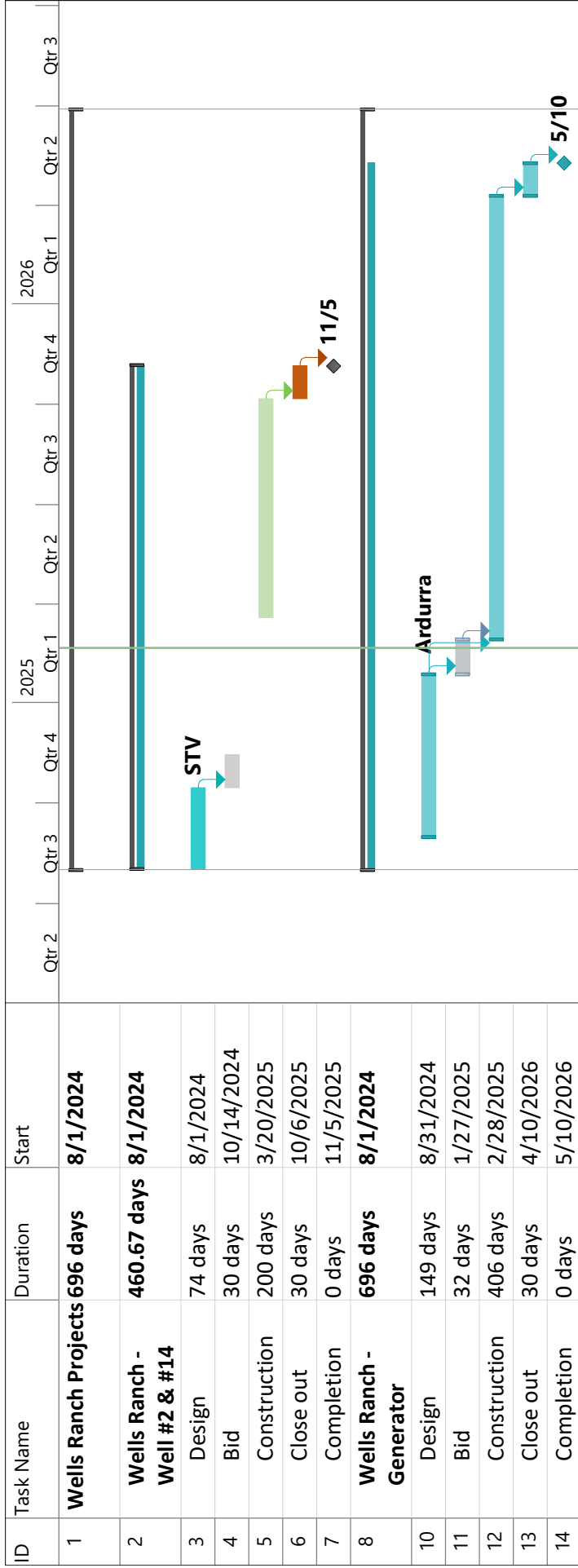
Task	Inactive Task	Inactive Milestone	Manual Summary Rollup	External Milestone
Split	.....	◆	Manual Summary	Deadline
Milestone	◆	Inactive Summary	Start-only	Progress
Summary	┌	Manual Task	Finish-only	Manual Progress
Project Summary	┌	Duration-only	External Tasks	

# CRWA Pipeline Projects



Project: CRWA Pipeline Projects  
Date: 2/20/2025

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






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## Project Updates

HC WTP Facility Improvements:

- Phase 1 Construction Status
  - Received 71 submittals and 69 have been reviewed and returned.
  - Received 6 RFIs and all have been reviewed and returned.
  - Attended monthly construction meetings.
  - Reviewed and processed pay applications.



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## Project Updates

### HC WTP Facility Improvements:

- Phase 2 Improvements Bidding Schedule
  - Addressed bidder questions and issued addenda.
  - Received two bid proposals on Jan 31, 2025 from Keeley Construction and Keystone Construction.
  - Bid review is complete by Ardurra and will go over with CRWA Staff to finalize the award recommendation letter.



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## Project Updates

### HC WTP Membrane Replacement Project:

- The pilot SOQ was received on September 23, 2024.
- Ardurra completed review of SOQ packages received.
- CRWA decided to proceed with piloting three vendors: Pall, Memcor, and H2O/Toray.



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## Project Updates

### Wells Ranch II Emergency Generator Improvements:

- Project advertised on 1/27/2025.
- Addressing bidding questions and issued two addenda.
- Bid opening will be on 2/28/2025.



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## Project Updates

### 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 projects are on TWDB Intended Use Plan list.



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## Project Status Report to Canyon Regional Water Authority

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**Reporting Date:** February 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 February 14<sup>th</sup>, 2025. Additionally, a "Three-Week Look Ahead Schedule" that was issued by the Contractor on February 17<sup>th</sup>, 2025, is provided for review as Attachment No. 1B to this Project Status Report.

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

- Erected and secured cast-in-place concrete Wall and Roof Dome Panel Structures.
- Poured concrete at Wall Slots, Roof Dome Slots, and the Roof Dome Ring.

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

- Strip Dome Ring forms; load out Wall Slots.
- Shotcrete Core Wall; place Wire Winding Equipment.
- Layer A and DR-1 patch holes / wire cover.
- DR-2 / Layer 1 wall / patch holes / wire cover.
- DR-3 / Layer 1 wall / lower U-Heads / wire cover.
- Strip shoring; install winches on Roof Dome.
- Load out / strip wall braces.
- Prepare for Cove / form Cove / close Temporary Opening.
- Pour Cove / shoot Temporary Opening.

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

Concrete test cylinder compressive strength values for the Tank Foundation, Wall Panels, and Roof Dome Panels that were poured since the last reporting period 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 poured concrete for Roof Dome Panels, including Access Hatch.
  - Contractor poured concrete to surround the Tank Overflow Pipe.
  - Contractor placed concrete Roof Dome Panels with crane.
  - Contractor installed Wall Slot Inserts between Wall Panels and trimmed away excess gasket material.
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### **Site Photos of Work Items completed To-Date:**

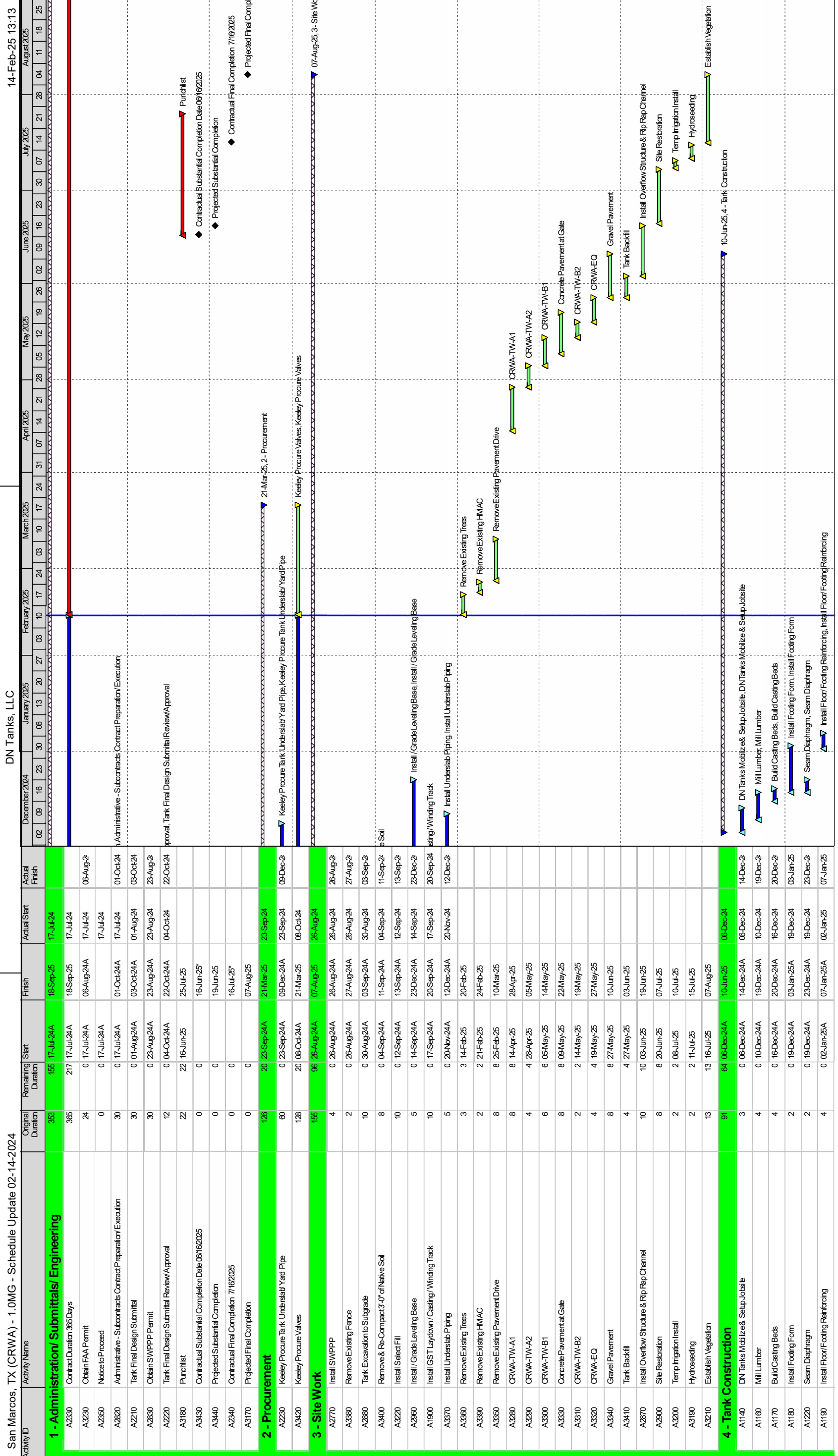
The Site Photos of work items completed for construction of the Ground Storage Tank and associated appurtenances since the last reporting period are provided within a group for review as Attachment No. 3 to this Project Status Report.

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

Construction Progress Meeting No. 04 was held virtually on February 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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Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Actual Start	Actual Finish
<b>1 - Administration/ Submittals/ Engineering</b>							
A2330	Contract Duration 365 Days	365	195	17-Jul-24A	18-Sep-25	17-Jul-24	18-Sep-25
A3230	Obtain FAA Permit	366	217	17-Jul-24A	18-Sep-25	17-Jul-24	18-Sep-25
A3230	Obtain FAA Permit	24	0	17-Jul-24A	06-Aug-24A	17-Jul-24	06-Aug-24
A2350	Notice to Proceed	0	0	17-Jul-24A	17-Jul-24	17-Jul-24	17-Jul-24
A2820	Administrative - Subcontracts Contract Preparation/Execution	30	0	17-Jul-24A	01-Oct-24A	17-Jul-24	01-Oct-24
A2210	Tank Final Design Submittal	30	0	01-Aug-24A	03-Oct-24A	01-Aug-24	03-Oct-24
A2830	Obtain SWPPP Permit	30	0	23-Aug-24A	23-Aug-24	23-Aug-24	23-Aug-24
A2220	Tank Final Design Submittal Review/Approval	12	0	04-Oct-24A	22-Oct-24A	04-Oct-24	22-Oct-24
A3180	Punchlist	22	22	16-Jun-25	25-Jul-25		
A3430	Contractual Substantial Completion Date 06/16/2025	0	0		16-Jun-25*		
A3440	Projected Substantial Completion	0	0		19-Jun-25		
A2940	Contractual Final Completion 7/16/2025	0	0		16-Jul-25*		
A3170	Projected Final Completion	0	0		07-Aug-25		
<b>2 - Procurement</b>							
A2230	Keeley Procure Tank Under-slab Yard Pipe	60	126	23-Sep-24A	21-Mar-25	23-Sep-24	21-Mar-25
A3420	Keeley Procure Valves	128	20	23-Sep-24A	09-Dec-24A	23-Sep-24	09-Dec-24
<b>3 - Site Work</b>							
A2770	Install SWPPP	4	4	26-Aug-24A	26-Aug-24	26-Aug-24	26-Aug-24
A3380	Remove Existing Fence	2	2	26-Aug-24A	27-Aug-24	26-Aug-24	27-Aug-24
A2880	Tank Excavation to Subgrade	10	10	30-Aug-24A	03-Sep-24A	30-Aug-24	03-Sep-24
A3400	Remove & Re-Compact 3" of Native Soil	8	8	04-Sep-24A	11-Sep-24	04-Sep-24	11-Sep-24
A3220	Install Select Fill	10	10	12-Sep-24A	13-Sep-24	12-Sep-24	13-Sep-24
A2960	Install/Grabs Leveling Base	5	5	14-Sep-24A	23-Dec-24A	14-Sep-24	23-Dec-24
A1900	Install GST Laydown/Casting/Winding Track	10	10	17-Sep-24A	20-Sep-24	17-Sep-24	20-Sep-24
A3370	Install Under-slab Piping	5	5	20-Nov-24A	12-Dec-24A	20-Nov-24	12-Dec-24
A3360	Remove Existing Trees	3	3	14-Feb-25	20-Feb-25		
A3390	Remove Existing H/MAC	2	2	21-Feb-25	24-Feb-25		
A3350	Remove Existing Pavement Drive	8	8	25-Feb-25	10-Mar-25		
A3280	CRWA-TW-A1	8	8	14-Apr-25	28-Apr-25		
A3290	CRWA-TW-A2	4	4	28-Apr-25	05-May-25		
A3300	CRWA-TW-B1	6	6	05-May-25	14-May-25		
A3330	Concrete Pavement at Gate	8	8	09-May-25	22-May-25		
A3310	CRWA-TW-B2	2	2	14-May-25	19-May-25		
A3320	CRWA-EQ	4	4	19-May-25	27-May-25		
A3340	Gravel Pavement	8	8	27-May-25	10-Jun-25		
A3410	Tank Backfill	4	4	27-May-25	03-Jun-25		
A2870	Install Overflow Structure & Rip Rap Channel	10	10	03-Jun-25	19-Jun-25		
A2800	Site Restoration	8	8	20-Jun-25	07-Jul-25		
A3200	Temp Irrigation Install	2	2	06-Jul-25	10-Jul-25		
A3190	Hydroseeding	2	2	11-Jul-25	15-Jul-25		
A3210	Establish Vegetation	13	13	16-Jul-25	07-Aug-25		
<b>4 - Tank Construction</b>							
A1140	DN Tanks Mobilize & Setup Jobsite	3	64	05-Dec-24A	10-Jun-25	06-Dec-24	10-Jun-25
A1160	Mill Lumber	4	4	06-Dec-24A	14-Dec-24A	06-Dec-24	14-Dec-24
A1170	Build Casting Beds	4	4	10-Dec-24A	19-Dec-24A	10-Dec-24	19-Dec-24
A1180	Install Footing Form	2	2	16-Dec-24A	20-Dec-24A	16-Dec-24	20-Dec-24
A1220	Seam Diaphragm	2	2	19-Dec-24A	03-Jan-25A	19-Dec-24	03-Jan-25
A1190	Install Floor/Footing Reinforcing	4	4	19-Dec-24A	23-Dec-24A	19-Dec-24	23-Dec-24

**Legend:**

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

Date	Revision	Checked	Approved
20-Jan-25	Baseline Schedule 01/20/2025		

San Marcos, TX (CRWA) - 1.0MG - Schedule Update 02-14-2024

DN Tanks, LLC

14-Feb-25 13:13



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

DESCRIPTION OF WORK - CURRENT WEEK	THA REQUIRED	2/17	2/18	2/19	2/20	2/21	2/22	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Strip Dome ring /load out wall slots /winding Equipment	Domering stripping	6						
Shot core wall /Winding Equipment	Shotcrete		6					
Layer A and DR-1 Patch holes/wire cover	Wire winding			6				
DR-2/Layer 1 wall/patch holes/Wire cover					6			
DR-3/ Layer 1 wall/Lowewr U-Heads/Wire cover						6		
Concrete Testing Lab ( Atlas )			X	X				
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	6	6	6	0	

DESCRIPTION OF WORK - 1 WEEK LOOK AHEAD	THA REQUIRED	2/24	2/25	2/26	2/27	2/28	3/1	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Lower U-Heads /Strip shoring	Stripping shoring	6						
Strip shoring	Install winches on dome roof		6					
Load out/ strip Wall braces				6				
Prep for Cove / form cove /Close T.O					6			
Pour cove / Shoot T.O						6		
Strip cove and hang stress plates/SP-1 LAYER -1 WALL	Stress plate installation						6	
Concrete Testing Lab ( Atlas )						X		
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	6	6	6	6	

DESCRIPTION OF WORK - 2 WEEK LOOK AHEAD	THA REQUIRED	3/3	3/4	3/5	3/6	3/7	3/8	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Layer 2 / Patch holes/ Wire cover	Wire winding	6						
Layer 3/ Build ladder pads/Wire Cover			6					
Remove winding Equipment/Hang shooting wires/Pads	Using aerial lifts, scissor lifts			7				
Cover coat	Shotcrete				7			
Cover coat						7		
Concrete Testing Lab ( Atlas )					X			
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	7	7	7	0	

Note : will need cutter on 3/5/25

<b>A.P.S.P</b>	Concrete & Concrete Pumping Proce	DATE	2/18	Safety Inspection	DATE	2/19	Aerial /Scissor Lift	DATE	3/5
<b>QC HUDDLES</b>	shoot core wall	DATE	2/18					DATE	
<b>PHOTOS TAKEN</b>	QC PHOTOS	DATE	12/16	RENTAL EQUIPMENT	DATE		MISC. PHOTOS	DATE	
<b>DELIVERIES</b>	Hand Rail fittings	DATE	2/24					DATE	
	Tamms	DATE	3/3	WINCHES	DATE	2/19	Stessometer	DATE	2/11
<b>EQUIPMENT</b>	RENTAL	DATE	3/3	RENTAL	DATE	2/17	MISC. EQUIPMENT	DATE	2/10
	2nd Boom lift/ 40' 1000lb			Loader			Air monitor		

TRAINING / MANPOWER NOTES

TANK MILESTONES	FRIDAY'S CREW SIZE: 0			Crew Size			TRAINING / MANPOWER NOTES		
	MILESTONE (REQUIRED)	DATE:	DAYS:	MILESTONE (REQUIRED)	DATE:	DAYS:	MILESTONE (REQUIRED)	DATE:	DAYS:
Shoot Corewall	2/18	2B	Start Wire Winding	2/19	2B	Tamms	3/11	0B	
Strip Shoring	2/24	2B	Pour Cove	2/25	2B	Demob	3/19	0B	

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

## Concrete Test / Panel Summary

Panel		Lift															
		1		2		3		4		5		6		7		8	
Type	Req'd. Pick Strength	14-day 1/14	14-day 1/15	14-day 1/15	14-day 1/15	7-day 1/16	7-day 1/16	7-day 1/17	7-day 1/17	7-day 1/23	7-day 1/23	7-day 1/24	7-day 1/24	7-day 1/27	7-day 1/27	3-day 1/29	3-day 1/29
WALL A	3000	2500	4760	4410	4410	3670	3670	3470	3470	3920	3920	3850	3850				
WALL A	3000	2500	4410	4410	4410	3670	3670	3470	3470	3920	3920	3590	3590				
WALL A	3000	2500	4450	4410	4410	3670	3670	3470	3470								
WALL C	3000	2500	5040														
D1A	3300	2900	4410	4880	4880	3670	3670	3470	3470	3920	3920	3850	3850		7-day 1/27	3590	4850
D2A	3000	2600	4410	4630	4630	3670	3670	3470	3470	3920	3920	3850	3850		7-day 1/27	3590	4850
D2B	3000	2600	4450	4410	4410	3670	3670	3470	3470	4610	4610	5040	5040		7-day 1/27	3590	4850
D3A	3000	2500	4450	4630	4630	3670	3670	3470	3470	4610	4610	5040	5040		7-day 1/27	3590	4850
D3B	3000	2500	4760	4410	4410	3670	3670	3470	3470	3920	3920	4840	4840		7-day 1/27	3590	4850
D3C	3000	2500	4760	4410	4410	3670	3670	3470	3470	3920	3920	4840	4840		7-day 1/27	3590	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
	DAY FLOOR STRENGTH		3500 Yarrington Rd San Marcos, TX 78666		3989 Highway 290 E Dripping Springs, TX 78620		7500 Riello Blvd. Bldg. 1, Suite 240 Austin, TX 78735
	<b>14</b>		210-399-3720		512-858-2983		512-381-8333
			0		0		0



Scaffolding Assembly





# Gasket Seals



Precast Wall Panels



Access Hatch Mechanism



Wall Opening Insert



# Wall Slot Inserts



External Ladder



Internal Ladder



# Attached Wall Panels





Inlet Riser Pipe



Roof Dome Vent



Wall Panel  
Assembly



Wall Panel Placement



Tank Wall Panels In-Place



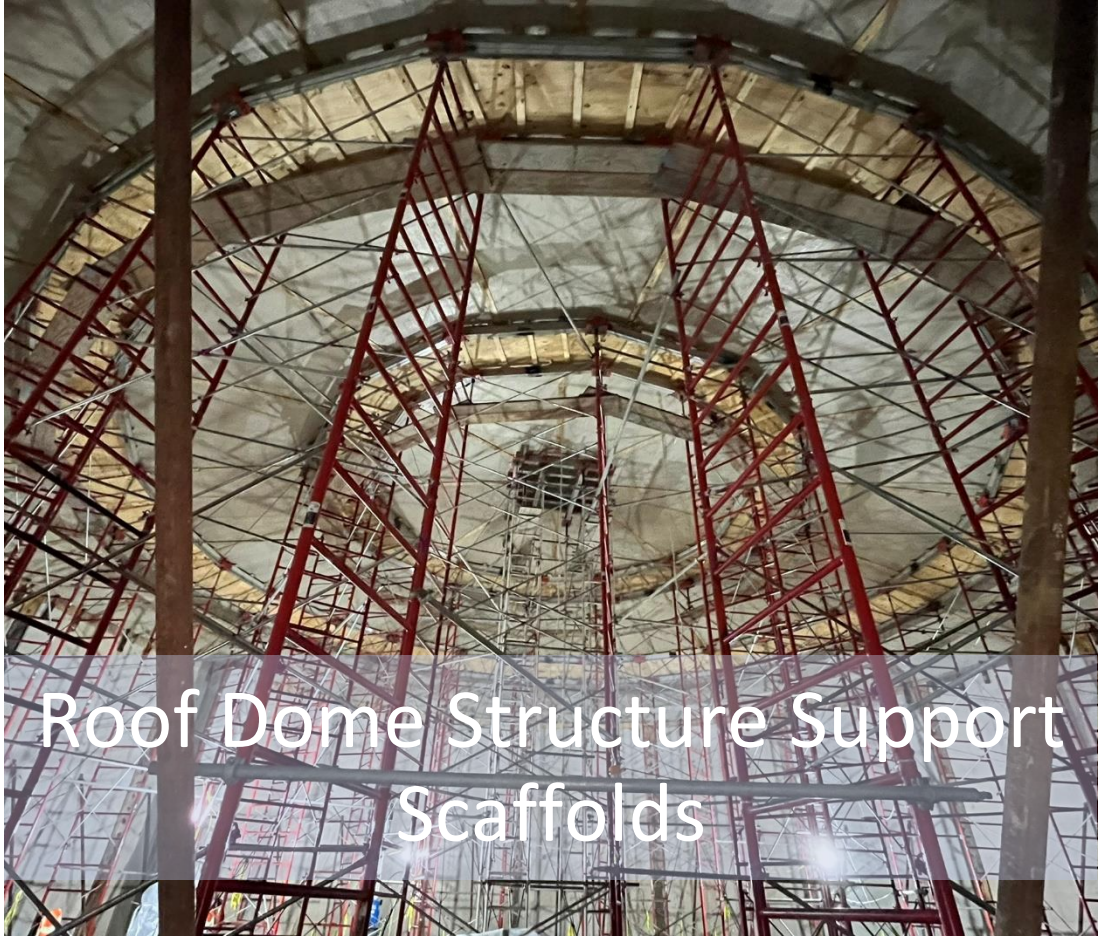
Roof Dome Panel Placement



Panels Ready for Slot and Ring  
Concrete Pours



All Concrete Pours  
Complete





Interior Wall Lateral Supports



# Interior Wall Lateral Supports






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

### ***Construction Progress Meeting No. 04 Minutes***

February 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. 04 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**

- Wall Panels have been erected and secured.
- Roof Dome Panels have been positioned and secured.
- P-Brackets and Wall Slots have been completed.
- Forming of Roof Dome Slots was begun.

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

- Pouring of Wall Slots and Roof Dome Ring.
- Stripping of Wall Slots and Roof Dome Ring.
- Shotcrete of the Core Wall.
- Shotcrete of the Wire Cover.
- Stripping of Shoring and Wall Braces.
- Placement of Concrete Cove.
- Removal of Wall Bracing.
- Pouring of Cove and closure of the Temporary Opening (TO).
- Continuation of preparation for Wire Winding.
- Installation of Stress Plates.
- Wire Winding tentatively scheduled for February 19<sup>th</sup> (weather permitting).

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

- Used 211 days of 365 days Contract time, which equates to 57.8%.
- 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
- The DN Tanks Project Manager will provide an updated Construction Progress Schedule to CobbFendley for review.
- 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**

- Panel compressive strength cylinder break summary table was reviewed; all tested cylinders passed the specified minimum strength requirements.

## **8. Submittals**

- Documents for Electric Heat Tracing were resubmitted on February 7<sup>th</sup> and are currently under review by Ardurra.
- Documents for Tank Fabrication are also under review by Ardurra.
- Ladder Fall Protection System was resubmitted to Ardurra for review as a part of the Documents for Tank Fabrication.
- 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 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.
- A discussion was held regarding painting of the Tank. CRWA previously requested that painting of the Tank be omitted and the unit cost for that work be credited back to the cost of the Contract. It is the position of DN Tanks that painting of the Tank is not optional because of the protective function it provides to lifetime performance of the Tank. CRWA accepted that rationale for painting of the Tank and agreed to provide a coating system color selection to DN Tanks.

## **11. Pay Applications**

- Pay Application No. 3: Approved by CRWA and payment was sent to DN Tanks on January 31<sup>st</sup>, 2025.
- Pay Application No. 4: CobbFendley will consult with CRWA on acceptance of values for percent complete as requested by DN Tanks and make a determination on approval for processing and payment.

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

- One minor injury to the ankle of a DN Tanks worker was noted by the Project Superintendent. No other safety or security issues were reported to have occurred since last meeting.
- 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 need to be submitted with the Pay Requests so that the Design Engineer can start developing the Project Record Drawings. DN Tanks confirmed that they will submit those.

## **16. Action Items/ Open Discussion**

- No additional items were discussed.

**17. Adjournment**

- The meeting was adjourned at approximately 9:45 AM.
- **Next Scheduled Meeting – March 13<sup>th</sup>, 2025**



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

**Construction Progress Meeting No. 04**

**February 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	Not Present
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	Not Present
11.				
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

ID: 85 SWD: 24.5

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

Completion Date: 7/16/2025

DESCRIPTION OF WORK - CURRENT WEEK	THA REQUIRED	2/17	2/18	2/19	2/20	2/21	2/22	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Strip Dome ring /load out wall slots /winding Equipment	Domering stripping	6						
Shot core wall /Winding Equipment	Shotcrete		6					
Layer A and DR-1 Patch holes/wire cover	Wire winding			6				
DR-2/Layer 1 wall/patch holes/Wire cover					6			
DR-3/ Layer 1 wall/Lowewr U-Heads/Wire cover						6		
Concrete Testing Lab ( Atlas )			X	X				
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	6	6	6	0	

DESCRIPTION OF WORK - 1 WEEK LOOK AHEAD	THA REQUIRED	2/24	2/25	2/26	2/27	2/28	3/1	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Lower U-Heads /Strip shoring	Stripping shoring	6						
Strip shoring	Install winches on dome roof		6					
Load out/ strip Wall braces				6				
Prep for Cove / form cove /Close T.O					6			
Pour cove / Shoot T.O						6		
Strip cove and hang stress plates/SP-1 LAYER -1 WALL	Stress plate installation						6	
Concrete Testing Lab ( Atlas )						X		
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	6	6	6	6	

DESCRIPTION OF WORK - 2 WEEK LOOK AHEAD	THA REQUIRED	3/3	3/4	3/5	3/6	3/7	3/8	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Layer 2 / Patch holes/ Wire cover	Wire winding	6						
Layer 3/ Build ladder pads/Wire Cover			6					
Remove winding Equipment/Hang shooting wires/Pads	Using aerial lifts, scissor lifts			7				
Cover coat	Shotcrete				7			
Cover coat						7		
Concrete Testing Lab ( Atlas )					X			
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	7	7	7	0	

Note : will need cutter on 3/5/25

<b>A.P.S.P</b>	Concrete & Concrete Pumping Proce	DATE	2/18	Safety Inspection	DATE	2/19	Aerial /Scissor Lift	DATE	3/5
<b>QC HUDDLES</b>	shoot core wall	DATE	2/18					DATE	
<b>PHOTOS TAKEN</b>	QC PHOTOS	DATE	12/16	RENTAL EQUIPMENT	DATE		MISC. PHOTOS	DATE	
<b>DELIVERIES</b>	Hand Rail fittings	DATE	2/24					DATE	
	Tamms	DATE	3/3	WINCHES	DATE	2/19	Stessometer	DATE	2/11
<b>EQUIPMENT</b>	RENTAL	DATE	3/3	RENTAL	DATE	2/17	MISC. EQUIPMENT	DATE	2/10
	2nd Boom lift/ 40' 1000lb			Loader			Air monitor		

TRAINING / MANPOWER NOTES

TANK MILESTONES	FRIDAY'S CREW SIZE: 0			Crew Size					
	MILESTONE (REQUIRED)	DATE:	DAYS:	MILESTONE (REQUIRED)	DATE:	DAYS:	MILESTONE (REQUIRED)	DATE:	DAYS:
	Shoot Corewall	2/18	2B	Start Wire Winding	2/19	2B	Tamms	3/11	0B
	Strip Shoring	2/24	2B	Pour Cove	2/25	2B	Demob	3/19	0B

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
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					
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	Control Panels USA Inc.	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	#57	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 Solmax Company)	31 20 00	Geotextile - Mirafli 1160N	7/9/2024	7/26/2024	X					

Canyon Regional Water Authority  
Hays Caldwell WTP Improvements Phase 1  
SUBMITTAL REVIEW LOG  
Contractor: DN Tanks  
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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 - Tensar TX5	7/9/2024	7/26/2024	X					
31.20.00-08	DN Tanks	TenCate Geosynthetics Americas (A Solmax Company)	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				
33.01.12-01	DN Tanks	Keeley Construction	33.01.12	Underslab Pipe Hydrostatic Test Results	12/19/2024	1/13/2025						X
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 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			
40.05.24-01	DN Tanks	Felker Fabrication	40.05.24	Fabricated Stainless Steel	8/22/2024	9/18/2024						
40.05.51-01	DN Tanks	Tyler Union American Flow Control	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				
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							
40.61.00-01	DN Tanks	Control Panels USA Inc.	40.61.00	Electrical Controls & Instrumentation	10/15/2024	10/25/2024					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 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							
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 Belling Corporation	43 41 63	Natural Rubber Bearing Pads	10/4/2024	10/17/2024	X					
43 41 63-09	DN Tanks	Gerard Packing and Belling 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			
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	Eusild 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	X					
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

RFI No.	Vendor/Supplier	Specification Section	RFI Subject	Date of RFI Received by Ardurra	Date of RFI Returned
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 - <span style="color: red;">Critical</span>	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



## GALLEGOS ENGINEERING, INC.

Firm No. F-003084

P.O. BOX 690067  
SAN ANTONIO, TEXAS 78269

210-641-0812 PH

### FEBRUARY 2025 MONTHLY REPORT

**DATE:** February 20, 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 the end of February 2024.

We completed the water pipeline construction plans and provided a check set to CRWA Mid-January 2025 for final review and comment.

**At the time of this memo the overall project is currently still on schedule.**



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: February 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. Upcoming Work
  - a. Select best value proposer.
  - b. Conduct discussion with best value proposer.
  - c. Negotiate satisfactory contract with proposer.
  - d. Trustees Board Award is planned for April Meeting.
  - e. Contractor Notice to Proceed is planned for late April 2025.

## **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 REPORTS

## PROJECT STATUS REPORT SUMMARY

REPORT DATE

February 20, 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, and most recently on 1/5/25, 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, and

most recently on 1/6/25 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. 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 is currently preparing a preliminary relocation plan set and TxDOT Standard Agreement - Supplemental Agreement based on updated TxDOT design files received on 12/10. UEG anticipates completion of the preliminary relocation plans and supplemental agreement, for CRWA review, in early March.