

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

**1:00 P.M. Monday, January 27, 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 Monday, January 27, 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 February 25, 2025, at 1:00 PM.
  
- 7**    **Adjourn**

**Construction Committee**

Chairman ~ Brandon Rohan

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




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## Project Updates

**HC WTP Facility Improvements:**

- Phase 1 Construction Status
  - Received 69 submittals and 67 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 six addenda.
  - Bid opening will be on Jan 31, 2025.



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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.
- Awaiting CRWA decision on membrane suppliers for piloting.



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## Project Updates

### Wells Ranch II Emergency Generator Improvements:

- Held 100% review meeting on 1/9/2025 to go over any final plans and specification comments.
- Submitted Draft final bid-ready set on 1/17/2025.
- Will advertise on 1/27/2025 and 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:** January 23<sup>rd</sup>, 2025

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

**Project Manager:** Julie Hastings, 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 December 12<sup>th</sup>, 2024. Additionally, a "Three-Week Look Ahead Schedule" that was issued by the Contractor on January 20<sup>th</sup>, 2025, is provided for review as Attachment No. 1B to this Project Status Report.

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

- Poured cast-in-place concrete Floor Structure.
- Continued pours of cast-in-place concrete Wall and Roof Dome Panel Structures

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

- Strip panels / beams and plywood from concrete Wall and Roof Dome Panel Structures.
- Abrasive blasting of Wall and Roof Dome Panel Structures.
- QC Shoring and prepare for erection of Panel Structures.
- Erect Panel Structures.
- Prepare for Wall slots; hang P-Brackets; form Dome slots.
- Hang Wall slots.
- Finish P-Brackets; install handrails; form Dome ring.
- Form Dome slots; reinforce slots and Dome ring.
- Pour Wall slots and Dome ring.

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

- Classification and Testing of Flexible Base for use in construction of Streets (Including: Moisture-Density Relationship Test; Sieve Analysis; Atterberg Limits).
- Classification and Testing of General Fill Material for use in construction of Pad beneath Tank Foundation Structure (Including: Moisture-Density Relationship Test; Sieve Analysis; Atterberg Limits).

No Change Since Last Report.

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

- Contractor poured concrete for floor slab structure; eighteen trucks total were required for delivery of concrete mix.
  - Contractor began pours of concrete wall panels and dome roof panels.
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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. 2 to this Project Status Report.

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

- Construction Progress Meeting No. 03 was held virtually on January 9<sup>th</sup>, 2025, as an MS Teams Meeting. A copy of the Minutes from that meeting is provided for review as Attachment No. 3 to this Project Status Report.
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San Marcos, TX (CRWA) - 1.0MG - Schedule Update 12-12-2024										DN Tanks, LLC										11-Dec-24 14:58									
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Actual Start	Actual Finish	July 2024	August 2024	September 2024	October 2024	November 2024	December 2024	January 2025	February 2025	March 2025	April 2025	May 2025	June 2025	July 2025	August 2025	September 2025	October 2025						
<b>1 - Administration/ Submittals/ Engineering</b>																													
A2330	Contract Duration 365 Days	353	162	17-Jul-24 A	28-Jul-25	17-Jul-24	17-Jul-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A3230	Obtain FAA Permit	365	217	17-Jul-24 A	16-Jul-25	17-Jul-24	17-Jul-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A2350	Obtain FAA Permit	24	0	17-Jul-24 A	06-Aug-24 A	17-Jul-24	17-Jul-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A2820	Notice to Proceed	0	0	17-Jul-24 A	01-Oct-24 A	17-Jul-24	17-Jul-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A2210	Administrative - Subcontracts Contract Preparation/ Execution	30	0	17-Jul-24 A	03-Oct-24 A	17-Jul-24	17-Jul-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A2830	Tank Final Design Submittal	30	0	01-Aug-24 A	03-Oct-24 A	01-Aug-24	01-Aug-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A2830	Obtain SWPPP Permit	30	0	23-Aug-24 A	23-Aug-24 A	23-Aug-24	23-Aug-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A2220	Tank Final Design Submittal Review/ Approval	12	0	04-Oct-24 A	22-Oct-24 A	04-Oct-24	04-Oct-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A3180	Punchlist	22	22	04-Jun-25	15-Jul-25																								
A3440	Projected Substantial Completion	0	0		09-Jun-25																								
A3430	Contractual Substantial Completion Date 06/16/2025	0	0		16-Jun-25*																								
A2340	Contractual Final Completion 7/16/2025	0	0		16-Jul-25*																								
A3170	Projected Final Completion	0	0																										
<b>2 - Procurement</b>																													
A2230	Keeley Procure Tank Underslab/ Yard Pipe	126	20	23-Sep-24 A	27-Jan-25	23-Sep-24	23-Sep-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A3420	Keeley Procure Valves	128	20	08-Oct-24 A	27-Jan-25	08-Oct-24	08-Oct-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
<b>3 - Site Work</b>																													
A2770	Install SWPPP	4	0	26-Aug-24 A	26-Aug-24 A	26-Aug-24	26-Aug-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A3380	Remove Existing Fence	2	0	26-Aug-24 A	27-Aug-24 A	26-Aug-24	26-Aug-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A2880	Tank Excavation to Subgrade	10	0	30-Aug-24 A	30-Aug-24 A	30-Aug-24	30-Aug-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A3400	Remove & Re-Compact 3'-0" of Native Soil	8	0	04-Sep-24 A	11-Sep-24 A	04-Sep-24	04-Sep-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A3220	Install Select Fill	10	0	12-Sep-24 A	13-Sep-24 A	12-Sep-24	12-Sep-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A2960	Install / Grade Leveling Base	5	3	14-Sep-24 A	17-Dec-24	14-Sep-24	14-Sep-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A1900	Install GST Laydown / Casting / Winding Track	10	0	17-Sep-24 A	20-Sep-24 A	17-Sep-24	17-Sep-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A3370	Install Underslab Piping	5	3	20-Nov-24 A	17-Dec-24	20-Nov-24	20-Nov-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A3360	Remove Existing Trees	3	3	12-Dec-24	17-Dec-24																								
A3390	Remove Existing H/MAC	2	2	18-Dec-24	19-Dec-24																								
A3350	Remove Existing Pavement Drive	8	8	20-Dec-24	13-Jan-25																								
A3280	CRWA-TW-A1	8	8	02-Apr-25	16-Apr-25																								
A3290	CRWA-TW-A2	4	4	16-Apr-25	23-Apr-25																								
A3300	CRWA-TW-B1	6	6	23-Apr-25	02-May-25																								
A3330	Concrete Pavement at Gate	8	8	29-Apr-25	12-May-25																								
A3310	CRWA-TW-B2	2	2	02-May-25	07-May-25																								
A3320	CRWA-EQ	4	4	07-May-25	14-May-25																								
A3340	Gravel Pavement	8	8	14-May-25	29-May-25																								
A3410	Tank Backfill	4	4	14-May-25	21-May-25																								
A2870	Install Overflow Structure & Rip Rap Channel	10	10	21-May-25	09-Jun-25																								
A2900	Site Restoration	8	8	10-Jun-25	23-Jun-25																								
A3200	Temp Irrigation Install	2	2	24-Jun-25	26-Jun-25																								
A3190	Hydroseeding	2	2	27-Jun-25	01-Jul-25																								
A3210	Establish Vegetation	13	13	02-Jul-25	28-Jul-25																								
<b>4 - Tank Construction</b>																													
A1140	DN Tanks Mobilize & Setup Jobsite	84	88	06-Dec-24 A	29-May-25	06-Dec-24	06-Dec-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A1160	Mill Lumber	3	1	06-Dec-24 A	13-Dec-24	06-Dec-24	06-Dec-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A1170	Build Casting Beds	4	4	10-Dec-24 A	18-Dec-24	10-Dec-24	10-Dec-24	01-08	15-22	29-05	12-19	26-02	09-16	23-30	07-14	21-28	04-11	18-25	02-09	16-23	30-06	13-20	27-03	04-11	18-25				
A1180	Install Footing Form	4	4	19-Dec-24	03-Jan-25																								
A1190	Install Floor Footing Reinforcing	2	2	19-Dec-24	23-Dec-24																								
A1220	Seam Diaphragm	4	4	23-Dec-24	08-Jan-25																								
A1220	Seam Diaphragm	2	2	23-Dec-24	03-Jan-25																								

**Remaining Level of Effort**

**Actual Level of Effort**

**Actual Work**

**Remaining Work**

**Critical Remaining Work**

**Milestone**

**Summary**

Revision		Date	
Baseline Schedule Update - 12-12-2024	Checked	12-Dec-24	Approved



San Marcos, TX (CRWA) - 1.0MG - Schedule Update 12-12-2024		DN Tanks, LLC												11-Dec-24 14:58											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Actual Start	Actual Finish	July 2024	August 2024	September 2024	October 2024	November 2024	December 2024	January 2025	February 2025	March 2025	April 2025	May 2025	June 2025	July 2025	August 2025	September 2025	October 2025		
A1230	Form/Pour Strip Wall & Dome Panels	10		06-Jan-25	23-Jan-25			01	08	15	22	29	05	12	19	26	02	09	16	23	30	06	13	20	27
A1200	Install Waterstop / QC Floor	2		08-Jan-25	13-Jan-25																				
A1210	Pour Floor	1		13-Jan-25	14-Jan-25																				
A1240	Layout & Erect Dome Shoring	4		14-Jan-25	22-Jan-25																				
A1250	Erect Wall & Dome Panels	4		23-Jan-25	30-Jan-25																				
A1260	Erect Wall Slots	2		30-Jan-25	03-Feb-25																				
A1270	Pour Wall Slots	1		04-Feb-25	05-Feb-25																				
A2250	Place Dome Ring Concrete	1		05-Feb-25	06-Feb-25																				
A2270	Strip Dome Ring	2		06-Feb-25	10-Feb-25																				
A1280	Shoot Corewall	2		11-Feb-25	13-Feb-25																				
A1290	Wirewind Dome Ring	3		11-Feb-25	14-Feb-25																				
A1300	Wirewind Wall Pre-Cove	3		14-Feb-25	20-Feb-25																				
A1310	Strip Shoring	4		20-Feb-25	27-Feb-25																				
A1000	Prepare and Pour Cove	2		27-Feb-25	04-Mar-25																				
A1330	Wirewind Wall Post Cove	4		04-Mar-25	11-Mar-25																				
A1340	Shoot Covercoat/ Nozzle Finish	4		11-Mar-25	18-Mar-25																				
A1350	Prep/Apply Tamms Coating to Dome and Walls	4		18-Mar-25	25-Mar-25																				
A1360	Install Appurtenances	3		25-Mar-25	28-Mar-25																				
A1970	Tank Crew Load Out and Demobilize	2		31-Mar-25	02-Apr-25																				
A3070	Disinfect/ Fill & Leak Test Tank	8		14-May-25	29-May-25																				
<b>5 - Electrical</b>		25		02-Apr-25	15-May-25																				
A2570	Ductbank to PLC	4		02-Apr-25	09-Apr-25																				
A3240	Tank Level Transmitter and Sensor Install	2		02-Apr-25	04-Apr-25																				
A2360	Ductbank to Fence & Gate Operator	6		09-Apr-25	18-Apr-25																				
A2560	Install Grounding Ring	5		09-Apr-25	17-Apr-25																				
A2550	Electrical Control Panel at Tank	10		17-Apr-25	06-May-25																				
A3250	Ductbank to Keypad 1	2		21-Apr-25	23-Apr-25																				
A3260	Ductbank to Keypad 2	2		24-Apr-25	28-Apr-25																				
A3270	Installation of Keypad 1 & 2	2		13-May-25	15-May-25																				
<b>6 - Existing Tank Retrofit</b>		12		02-Apr-25	23-Apr-25																				
A2970	Install 24" Penetrations	12		02-Apr-25	23-Apr-25																				
<b>7 - Fence Installation</b>		35		02-Apr-25	04-Jun-25																				
A2320	Fence Installation	25		02-Apr-25	15-May-25																				
A3090	Install Gate and Operator	10		15-May-25	04-Jun-25																				

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

Date	Revision	Checked	Approved
12-Dec-24	Baseline Schedule Update - 12-12-2024		

# ATTACHMENT NO. 1B

**Job Name:** San Marcos, TX (CRWA)  
**Job Number:** 20213-122  
**Tank Size:** 1.0 MG      **ID:** 85      **SWD:** 24.5  
**Super:** Don Fugate  
**Substantial:** 6/22/2025

**DN Tanks = GC**

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

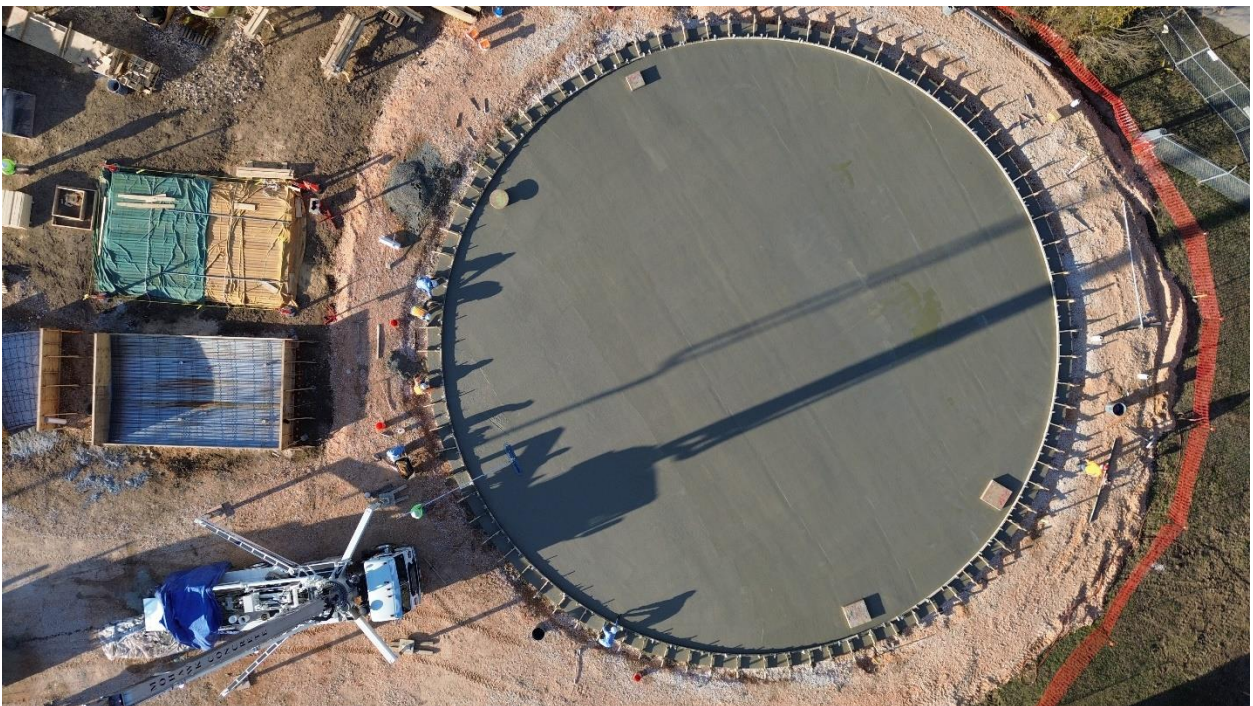
**Completion Date:** 7/16/2025

DESCRIPTION OF WORK - CURRENT WEEK	THA REQUIRED	1/20	1/21	1/22	1/23	1/24	1/25	EST. COMP. DATE	
		MON	TUE	WED	THU	FRI	SAT		
Holiday		H							
FRP 5th Round/Shoring/Beams and plywood	Precast wall and dome panel concrete	O	8						
FRP 6th Round/Shoring/Beams and plywood	Precast wall and dome reinforcing	L		8					
FRP 7th rround/form over flow Encasement		I			8				
FRP 8th rround/pour over flow Encasement		D				8			
Strip panels/Beams and plywood	Precast wall and dome form stripping	A					6		
		Y							
Reinforcement ( SUB ) walls and domes	Floor slab edge reinforcing		X	X	X	X			
Concrete Testing Lab ( Atlas )			X	X	X	X			
<b>CREW TOTALS EACH WORKING DAY</b>		0	8	8	8	8	6		
DESCRIPTION OF WORK - 1 WEEK LOOK AHEAD	THA REQUIRED	1/27	1/28	1/29	1/30	1/31	2/1	EST. COMP. DATE	
		MON	TUE	WED	THU	FRI	SAT		
Strip panels/Abrasive Blasting	Abrasive blasting	6							
Abrasive Blasting/QC Shoring/Prep for Panel Erection	Using aerial lifts, scissor lifts		6						
Panel Erection	Wall panel erection			6					
Panel Erection	Dome panel erection				6				
Panel Erection						6			
Crane Mob			X	X	X	X			
Crane De- mob							X		
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	6	6	6	0		
DESCRIPTION OF WORK - 2 WEEK LOOK AHEAD	THA REQUIRED	2/3	2/4	2/5	2/6	2/7	2/8	EST. COMP. DATE	
		MON	TUE	WED	THU	FRI	SAT		
Prep- for wall slots /Hang P - brackets/ Form Dome slots	Using aerial lifts, scissor lifts	6							
Hang wall slots	Prepared and forming wall slots		6						
Finish P- brackets/Install Hand rail/Form Dome Ring	Preparing and forming domering			6					
Dome Ring/ Form Dome slot/Reinforce slots & Dome Ring					7				
Pour Wall slos/Dome Ring	Wall slot concrete pour					7			
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	6	7	7	0		
<b>Note: Will need Crane onsite on 1/28/25 ... And Crane for wall slots on 2/24 Will need DNT pump OPERATOR ON 2/6/25</b>									
<b>A.P.S.P</b>	Concrete & Concrete Pumping Proce	DATE	1/13	Safety Inspection	DATE	1/14	Aerial /Scissor Lift	DATE	1/24
<b>QC HUDDLES</b>	Pour Floor	DATE	1/13	Precast Walls	DATE	1/14		DATE	
<b>PHOTOS TAKEN</b>	QC PHOTOS	DATE	12/16	RENTAL EQUIPMENT	DATE		MISC. PHOTOS	DATE	
	Pipe Pit Photos on			1st Boom Lift 1000lb -40'	1/22				
<b>DELIVERIES</b>	Fabrication's	DATE	1/21	# 2 Single - 32' ELEC, Push lifts	1/28		Stessometer	DATE	2/12
	Winding Equipment/DNT Pump	DATE	2/5						
<b>EQUIPMENT</b>	RENTAL	DATE	1/24	RENTAL	DATE	2/12	MISC. EQUIPMENT	DATE	1/30
	Air Compressor			Loader			Air monitor		
TRAINING / MANPOWER NOTES									
<b>MANPOWER</b>	FRIDAY'S CREW SIZE:	0		Crew Size					
		0	Carpenter	6	0	Laborer			
<b>TANK MILESTONES</b>	<u>MILESTONE (REQUIRED)</u>	<u>DATE:</u>	<u>DAYS:</u>	<u>MILESTONE (REQUIRED)</u>	<u>DATE:</u>	<u>DAYS:</u>	<u>MILESTONE (REQUIRED)</u>	<u>DATE:</u>	<u>DAYS:</u>
	Complete Pouring Panels	1/24	1B	Start Panel Erection	1/29	1B	Tamms	3/11	0B
	<u>MILESTONE</u>	<u>DATE:</u>	<u>DAYS:</u>	<u>MILESTONE</u>	<u>DATE:</u>	<u>DAYS:</u>	<u>MILESTONE</u>	<u>DATE:</u>	<u>DAYS:</u>
	Complete Panel Erection	1/31	1/B	Pour WS and DR	2/7	0B	Demob	3/19	0B

## ATTACHMENT NO. 2



2A – Concrete Pump Truck delivering concrete to Tank Floor Structure.



2B – Completed pour of concrete at Tank Floor Structure.



2C – Aerial overhead view of completed concrete pour at Tank Floor Structure.



2D – Aerial side view of completed concrete pour at Tank Floor Structure.

## ATTACHMENT NO. 2



2E – Aerial side view of completed concrete pour at Tank Floor Structure (submerged in water for cure).



2F – Form with steel panel and reinforcing steel for casting of Wall Panel.



2G – Ground level view (a) of Tank Floor Structure, including water stop material at Floor perimeter.



2H - Ground level view (b) of Tank Floor Structure, including water stop material at Floor perimeter.



21 – Screeding and floating of concrete for Wall Panel pieces.





2J – Floating and finishing of concrete for Wall Panel pieces.



2K – Stacked Dome Roof Panel pieces.



2L – Concrete pour at reinforced Dome Roof Panel piece.



2M – Spreading and vibration of concrete at reinforced Dome Roof Panel piece.



2N – Screeding of concrete at Dome Roof Panel piece.



20 – Troweling concrete at Dome Roof Panel piece.



2P – Concrete Test Cylinders in controlled environment storage for cure prior to compression strength testing.



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

### ***Construction Progress Meeting No. 03 Minutes***

January 9<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. 03 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**

- DN Tanks personnel noted that recent concrete pours have been made difficult because of water temperatures within the local concrete batch plant.

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

- Tank Foundation subgrade was completed, and gravel was compacted in place.
- DN Tanks personnel were underway with construction of forms for the cast-in-place concrete tank segments.
- Sand and reinforcing steel were delivered to the job site.
- Beds have been made ready to start casting.
- Dome Sections have rebar in them and are ready to pour.
- Steel workers are scheduled to be back on Monday, the 13<sup>th</sup> of January.
- All the shoring and beams for the shoring have been delivered to the jobsite.
- Tank Construction Project will be ready to proceed once the foundation slab is poured.

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

- Milling lumber and building the casting beds.
- Installing footing forms.
- Installing the seam diaphragms.
- Forming and pouring the strip wall and dome panels.
- Preparing for QC inspection of the floor.
- Pouring concrete within the floor and slab structure.
- Regrading the track area.
- Backfilling around the slab six inches down and leveling the area.

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

- Used 176 days of 365 days Contract time, which equates to 48.2%.
- 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 project is approximately 3 days behind schedule due to inclement weather in the work area.
- 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**

- Hydrostatic test reports for pipe assemblies were submitted to the Engineer of Record. DN Tanks will send the reports to CobbFendley and Associates. [Action Item]
- DN Tanks will copy CobbFendley and Associates on future Reports to expedite the submittal process. [Action Item]

#### **8. Submittals and Submittal Log**

- To date, 67 Submittals have been received and 5 Submittals have been returned for revision. 2 Submittals are currently under review, and 1 Submittal has been acknowledged for receipt by the Engineer of Record. Specific Submittal Documents were discussed during the meeting, as listed below.
- Level Instruments.
- Electrical Heat Trace.
- DN Tanks is awaiting a color selection for the Tank coating system.
- A copy of the 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 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.

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

- Pay Application No. 3: The Engineer of Record informed CobbFendley that the American Iron and Steel Certification Documents and Davis-Bacon Wage Rate Certification Forms are not required to be submitted by the Contractor with pay requests for this project. This Pay Application has been submitted to CRWA for processing and payment.
- Per Supplemental Condition 14.1.5, retainage shall be 10% for the first 50 percent of the work completed. After 50 percent of the work has been completed, it is up to the discretion of the OWNER whether to withhold retainage and, if retainage is withheld the OWNER shall pay interest on the amount withheld. CRWA and the Engineer of Record will be required to reconcile the deficiency in retainage withheld on previous pay applications and make sure an appropriate amount is withheld on future pay applications.
- CobbFendley proposed to DN Tanks the following question: If CRWA withheld 5% of payment from the beginning and for the duration of the project (even after more than 50% of the total work was completed), would DN Tanks request payment of interest from CRWA for the amount withheld? DN Tanks replied that they would not pursue interest payments on the 5% amount withheld by CRWA until completion of the project.
- CRWA will send an email to the Engineer of Record to explain resolution of the retainage amount issue. [Action Item]
- Pay Application No. 4: Received in December and sent to Inspector on January 3<sup>rd</sup>

for review and comment. CobbFendley sent review comments and request for revision to DN Tanks on January 10<sup>th</sup>, 2025.

**12. Safety / Security Issues**

- No safety or security issues were reported since last meeting.
- DN Tanks confirmed that they will continue to run a safe and organized job site.
- DN Tanks will post “Work Entrance” signs on both sides of the entrance within the Security Fence at the jobsite. [Action Item]

**13. Risk Management**

- No new or existing risks were identified other than the weather. DN Tanks confirmed that they have a Safety Plan in place for work at the jobsite.

**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 – February 13<sup>th</sup>, 2025**



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

**Construction Progress Meeting No. 03**

**January 9<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.				
10.				
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

Completion Date:

7/16/2025

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

DESCRIPTION OF WORK - CURRENT WEEK	THA REQUIRED	1/13	1/14	1/15	1/16	1/17	1/18	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Pour floor	Floor slab and footing concrete pour	8						
FRP 1ST Round/Strip footing/Shoring	Precast wall and dome panel concrete		8					
FRP 2nd Round/Shoring	Using aerial lifts, scissor lifts			8				
FRP 3rd Round/Shoring	Shoring tube and coupler w/guy wire assembly				8			
FRP 4th Round/Shoring						8		
Reinforcement ( SUB ) walls and domes	Floor slab edge reinforcing			X	X	X		
Concrete Testing Lab ( Atlas )		X	X	X	X	X		
<b>CREW TOTALS EACH WORKING DAY</b>		8	8	8	8	8	0	

DESCRIPTION OF WORK - 1 WEEK LOOK AHEAD	THA REQUIRED	1/20	1/21	1/22	1/23	1/24	1/25	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Holiday		H						
FRP 5th Round/Shoring/Beams and plywood	Precast wall and dome panel concrete	O	6					
FRP 6th Round/Shoring/Beams and plywood		L		6				
FRP 7th rround/form over flow Encasement		I			6			
FRP 8th rround/pour over flow Encasement	Using aerial lifts, scissor lifts	D				6		
		A						
Reinforcement ( SUB ) walls and domes		Y	X	X	X	X		
Concrete Testing Lab ( Atlas )			X	X	X	X		
<b>CREW TOTALS EACH WORKING DAY</b>		0	6	6	6	6	0	

DESCRIPTION OF WORK - 2 WEEK LOOK AHEAD	THA REQUIRED	1/27	1/28	1/29	1/30	1/31	2/1	EST. COMP. DATE
		MON	TUE	WED	THU	FRI	SAT	
Strip panels/Beams and plywood	Precast wall and dome form stripping	6						
Strip panels/Abrasive Blasting	Abrasive blasting		6					
Abrasive Blasting/QC Shoring/Prep for Panel Erection	Cranes			6				
Panel Erection	Wall panel erection				6			
Panel Erection	Dome panel erection					6		
							6	
Crane Mob				X	X	X	X	
Crane De- mob							X	
<b>CREW TOTALS EACH WORKING DAY</b>		6	6	6	6	6	6	

Note: Will need concrete boom pump on 1/13/25 @ 10:00am

A.P.S.P	Concrete & Concrete Pumping Proce	DATE	1/13	Safety Inspection	DATE	1/14	Aerial /Scissor Lift	DATE	1/24
	QC HUDDLES	DATE	1/13	Precast Walls	DATE	1/14		DATE	
PHOTOS TAKEN	QC PHOTOS	DATE		RENTAL EQUIPMENT	DATE		MISC. PHOTOS	DATE	
	Pipe Pit Photos on	DATE	12/16						
DELIVERIES	WALL SLOTS	DATE	1/21	Pipe	DATE	?		DATE	
	Shoring	DATE	1/8						
EQUIPMENT	RENTAL	DATE		RENTAL	DATE		MISC. EQUIPMENT	DATE	
	Air Compressor/San Pot	DATE	1/24	Scissor Lift 36'	DATE	1/15			

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:
	Start Pouring Panels	1/14	3B	Complete Pouring Panels	1/24	2B	Tamms	3/11	0B
	MILESTONE	DATE:	DAYS:	MILESTONE	DATE:	DAYS:	MILESTONE	DATE:	DAYS:
	Start Shoring Erection	1/14	2B	Start Panel Erection	1/30	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 - Mirafix 1160N	7/9/2024	7/26/2024	X					

Canyon Regional Water Authority  
Hays Caldwell WTP Improvements Phase 1  
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31.20.00-06	DN Tanks	TenCate Geosynthetics Americas (A Solmax Company)	31.20.00	Geotextile - Mirafli 1100N	7/9/2024	7/26/2024						X
31.20.00-07	DN Tanks	Tensar	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 - Mirafli 500x	7/9/2024	7/26/2024	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							
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	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							
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					

Canyon Regional Water Authority  
Hays Caldwell WTP Improvements Phase 1  
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43.41.63-01	DN Tanks	DN Tanks	43.41.63	DN Tanks Foundation Drawings	8/19/2024	9/19/2024				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					
43.41.63-05	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	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					X	
43.41.63-18	DN Tanks	Euclid Chemical	43.41.63	Tank Architectural Coating	10/4/2024	11/4/2024	A. Ayala	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 Stop Drawings (Overflow Structure)	11/20/2024	12/9/2024	X					







## GALLEGOS ENGINEERING, INC.

Firm No. F-003084

P.O. BOX 690067  
SAN ANTONIO, TEXAS 78269

210-641-0812 PH

### JANUARY 2025 MONTHLY REPORT

**DATE:** January 22, 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 January 2024. The only item that will be outstanding in the specifications will be the final bid proposal quantities which will be completed when the design plans are completed.

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 ahead of 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: January 23, 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. Upcoming Work
  - a. Based on questions received, an additional addendum may be issued.
  - b. Bid opening is planned for 2/4/25 (delayed from 1/10/25).
  - c. Evaluation of bids after bid opening.
  - d. Trustees Board Award is planned for March Trustees Meeting.
  - e. Contractor Notice to Proceed is planned for late March 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  
Buddy Boysen, Garver



# PROJECT STATUS REPORTS

## PROJECT STATUS REPORT SUMMARY

REPORT DATE

January 22, 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. The project Notice-to-Proceed has been issued for 2/29, 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. As of 5/23, the Contractor has completed the split casing and pavement restoration work at the Santa Clara intersection.

The Contractor provided an updated schedule on 10/28 to complete the work at the Zuehl intersection on 11/26. The project bore and casing pipe installation was completed on 12/10. The Contractor is currently waiting on HDPE pipe delivery to complete the work at the site. UEG provided a notice to the Contractor on 7/16, on 8/29, 10/16, and most recently on 1/5/25, of the final completion date and outlined the requirements of delays in 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 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, giving the Contractor 120 calendar days to reach Substantial Completion and 150 calendar days (total) to reach Final Project Completion. The project bore and carrier pipe installation was completed on 5/24. A meeting was held on-site on 5/20 to discuss the pipeline connections. Following the meeting UEG prepared a draft tie-in work plan template for the Contractor to complete and submit for review and approval. Additionally, 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. Following submission of the tie-in work plan, a second on-site meeting was held on 6/12. UEG provided a notice to the Contractor on 7/15, 8/29, 10/17, and most recently on 1/6/25 of the final completion date and outlined the requirements of delays in 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 and the project substantial completion letter was also provided on 10/23.

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 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 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.