

*Rio Dell City Hall
675 Wildwood Avenue
Rio Dell, CA 95562
(707) 764-3532
cityofriodell.ca.gov*



July 1, 2025

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Discussion and Possible Action updating the City Council on the Water CIP Project

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Approve the City Manager to Execute Change Order # 4; or,

Provide alternate direction.

BACKGROUND AND DISCUSSION

Staff and representatives from GHD will provide a brief update on the Water CIP project and be available for questions. The budget for the project is \$11,032,410 including a contingency of \$1,005,000.

Approved Change Orders

001 – Miscellaneous changes including changing horizontal directional drilling trenchless design and addition of builders risk insurance for a net contract price deduct of (\$28,468).

002 – Miscellaneous contract administration changes, no net cost changes.

003 – Service line reconfigurations on Ogle Avenue for an addition to the contract of \$19,350.

Pending Change Order:

004 – Change in tank design to meet current seismic designs standards for a net contract increase of \$363,351.66. (see attachment)

Staff is recommending approval of Change Order #4. While staff is authorized to approve this change order, staff felt it is important to bring the item to the attention of the City Council and provide a general update on the project. Staff anticipates additional change orders in the future,

especially towards the end of the project when what is remaining of the contingency can be used to expand the current project to cover items left out of the original project due to cost limitations.

With change order's 001-003 the Contingency is currently \$1,014,118. With approval of Change Order # 004 the contingency will be \$650,766.00.

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Change Order

Contract No.	SWRCB D2202019	Project No.	12609126
Change Order No.	004	Date Issued	June 06, 2025
Owner	City of Rio Dell		
Consultant	GHD		
Contractor	Wahlund Construction		
Project	Rio Dell Drinking Water Infrastructure Improvement Project		

Contractor is hereby directed to proceed promptly with the following change(s):

Purpose:

The purpose of this change order is to amend the contract documents to include modifications to the water tank that are needed to accommodate the current seismic design parameters. The seismic design standards and appropriate criteria changed after the plans were initially developed and hence it was necessary to have the tank supplier update the tank design after the bids were received. The updated seismic design criteria are more stringent and will require a more robust tank.

The tank designer's approach to meeting the seismic design criteria and matching the overflow height of the existing Douglas tank requires a larger diameter than the existing tank and results in 620,000 gallons of usable storage, rather than the original requirement of 500,000 gallons.

Increasing the tank diameter is the most logical design approach and provides long term benefits to the City.

This change order addresses the updated seismic design criteria and to provides an additional 120,000 gallons of usable storage.

Description:

The following changes shall be made to the contract:

Water Tank Modifications

Provide an additional 120,000 gallons of additional storage and design the tank to current seismic design parameters.

Additive Changes at Agreed Unit Price:

Description	Quantity	Unit	Unit Price	Amount
Tank Modifications	1	LS	\$ 363,351.66	\$ 363,351.66
Total Cost of Additive Changes at Agree Unit Price:				\$ 363,351.66

Attachments:

- Contractor Change Order Request 2.1 with GHD Corrections

Change in Contract Price				
Payment Arrangement:	<input type="checkbox"/> Unit Price (based on estimated quantities)	<input checked="" type="checkbox"/> L.S	<input type="checkbox"/> T&M	<input type="checkbox"/> Other
Original Contract Price:			\$	10,027,410.00
Prior Approved Change Orders to Date:			\$	(9,118.00)
Previous Contract Price:			\$	10,018,292.00
Amount of this Change Order:			\$	363,351.66
Revised Contract Price:			\$	10,381,643.66

Change in Contract Times Original Works Outlined in Contract		
Additional working days this Change Order:	0	
Commence Work Date:	June 06, 2025	
	Working Days	Date
Original Working Days:	450	June 06, 2025
Working Days Added Prior to this Change Order:	0	June 06, 2025
Total Working Days Added Prior to this Change Order:	452	June 06, 2025

**EXCEPT AS PROVIDED IN THIS CHANGE ORDER,
ALL PREVIOUS TERMS AND CONDITIONS OF THE CONTRACT REMAIN UNCHANGED**

Accepted By:		Date:	
Wahlund Construction, Inc	_____ Print Name Sign		
Recommended By:	Michelle Davidson	Date:	6/6/2025
GHD	_____ Print Name Sign		
Approved By:		Date:	
City of Rio Dell	_____ Print Name Sign		

WAHLUND CONSTRUCTION, INC.

A General Engineering Contractor

Lic. #678993 A, B, C-10 (Electrical), C-22 (Asbestos & Hazmat)

DIR No. 1000006404

30 May 2025

Michelle Davidson
Project Manager
GHD
Via Email

Re: Rio Dell Water Infrastructure Improvement Project: Wahlund Change Order Request #02
Increased Tank Cost
Subject: Wahlund Response to COR #02 Response Letter by GHD dated 5/20/25

Dear Michelle Davidson,

We have reviewed GHD's letter dated 5/13/25, in which GHD responded to Wahlund Construction Inc. (WCI) Change Order Request #02 (COR #02) dated 5/13/25. What GHD has requested of WCI is a complete tank submittal, further justification to understand why the tank has become larger from bid and further analysis of costs related to COR #02. This letter and the attachments thereto are being provided to satisfy these requests.

The current tank submittal provided on 4/22/25, to which GHD provided a response on 4/28/25 includes a complete analysis of the tank and foundation design and calculations, panel layout and penetrations layout. This is all the information needed for the tank to enter the manufacturer's fabrication process. GHD's review requested more details and information on the tank appurtenances. However, none of this information is needed for the tank to enter fabrication, these details can be ironed out after the tank is released for fabrication. GHD has all the information necessary to approve the tank and foundation size. We kindly request GHD do so as soon as possible to limit the project's delay period.

A key element that GHD's COR #02 Response letter failed to mention was that all design changes the tank has undergone in the last 8 months have stemmed from new seismic parameters by Crawford & Associates titled "Seismic Design Parameters – ASCE 7.16 Update" provided on 10/8/24, approximately 6 months after bid time. Regardless of the different routes the tank design has taken since that time, there is no denying that this new seismic design information is the root cause for tank changes. Once a changed condition exists, such as seismic design parameters, WCI and our subcontractors are subject to manufacturer's lead times and costs that are outside of our control, which differ from those at bid time.

The first tank submittal provided on 8/13/24 met bid project specification. The submittal response by GHD dated 10/10/24 provided two comments. One, that tank design needs to meet new seismic requirements (ASCE 7.16 Update mentioned above). This is a changed condition from bid. Two, that tank freeboard should be equal to sloshing wave height. This is also a changed condition from bid, as this was not a spec requirement and is not an AWWA requirement. Both of these changes have led to an increase in tank size.

WAHLUND CONSTRUCTION, INC.

A General Engineering Contractor

Lic. #678993 A, B, C-10 (Electrical), C-22 (Asbestos & Hazmat)

DIR No. 1000006404

GHD's COR #02 response letter mentions an overflow elevation of the new tank needing to match the overflow elevation of the existing tank. It is true the contract documents indicate this, however they don't indicate an actual overflow height of the existing tank. The existing tank overflow height of 37.2' was first presented to WCI via email on 3/13/25. The original tank submittal 8/13/24 was tall enough to meet this height and provided the required storage capacity.

To summarize where the design stands today, the current design submittal provided on 4/22/25 satisfies the new design requirements presented by responses to the original 8/13/24 submittal and also satisfies the 37.2' height to overflow requirement. The original 8/13/24 submittal met the project bid docs and the newest submittal meets new requirements, therefore the cost difference of COR #02 is the difference between the originally submitted tank and the current submitted tank.

Cost breakdowns to justify difference in pricing from the original tank design to the current design are included in the following attachments to this letter. We would like to emphasize that the tank manufacturer's steel pricing is going to go up should they need to make another change in design. In comparison to the originally submitted tank (8/13/24), switching back to the same diameter tank (48' nominal diameter), at the new change conditions, will cause an increase in tank panel quantity (due to height increase), an increase in web truss quantity and thicker steel. We will also be subject to the market's current steel prices, which the manufacturer has informed us are larger rates than what is used in COR #02. In discussions with the current foundation Engineer that our subcontractor has contracted with, a 48' diameter tank at the new change conditions will not lead to more economical foundation. Given this information we've received, WCI believes that the current pricing submitted in COR #02 is the most cost effective approach given where we stand today. Our tank subcontractor also strongly encourages this approach and describes so in their attached letter.

The tank design has undoubtedly taken a time consuming route to get to the current design, which meets the contract docs and new design parameters. A significant time delay to the project has occurred due to these design changes. We contend that the originally submitted tank design from 8/13/24 met the project bid docs. It was no fault of Wahlund's that new design parameters were presented after bid time and therefore the responsibility of the delay is not that of Wahlund's. Wahlund is not subject to liquidated damages due to contract document changes made by others. We are not requesting additional overhead costs for this delay at this time, but we reserve the right to do so should COR #02 not be approved in a timely manner.

We understand the large economic impact this cost change brings to the project and City of Rio Dell and Wahlund does not take that lightly. It's unfortunate that the project team as a whole is in this position, but unfortunately there is no way to avoid the added costs that new seismic changes have brought to the project, due to specialty foundation design, increased steel quantity and non-standard tank thickness.

WAHLUND CONSTRUCTION, INC.

A General Engineering Contractor

Lic. #678993 A, B, C-10 (Electrical), C-22 (Asbestos & Hazmat)

DIR No. 1000006404

We encourage the opportunity for Wahlund, GHD and the City of Rio Dell to meet and discuss this important topic once all parties have had the chance to review this letter and attached documents so that we can streamline critical path completion of the project.

Regards,



Casey Coelho
Project Manager
707-845-4165
casey@wahlcon.com



Ryan Wahlund
Vice President of Operations
707-499-4131
ryan@wahlcon.com

Copy to: Randy Jensen, City of Rio Dell
Kyle Knopp, City of Rio Dell
Steve McHaney, GHD, Engineer of Record
Rebecca Crow, GHD
Chester Stygar, CA Aquastore
Eric Harper, CA Aquastore

Attachments:

1. Wahlund COR #02.1
2. CA Aquastore Letter dated 5/29./25
3. CST Engineering Letter dated 5/27/25
4. CA Aquastore Change Order Request
5. Concrete Quantity Changes Summary
6. Sequoia Construction Change Order Request (revised)
7. Wahlund Cost Summary Breakdown
8. Project Schedule Delay Impact

WAHLUND CONSTRUCTION, INC.
P.O. Box 6486
Eureka, CA 95502
Phone: (707) 268-0150
Fax: (707) 268-0137

Change Order Request

Issued To:

Michelle Davidson

GHD

Via Email

C.O.R. Number:	02.1
Date:	5/30/2025
Requested by:	Casey Coelho

Project:

Rio Dell Drinking Water Infrastructure Improvement Project

Summary of Change:

The following proposal incorporates costs associated with design changes to the Glass Fused to Steel Water Storage Tank. Updated seismic parameters by Crawford & Associates titled "Seismic Design Parameters - ASCE 7.16 Update" were provided by Submittal Response #1.0-33 16 23 rev1 dated 10/8/24. To satisfy the new seismic design requirements, changes were needed for the tank and foundation sizes. The attached documents provide summaries of changes and associated costs for this work.

Description	Qty	Unit	Unit Cost	Amount
Tank Increases - CA Aquastore Costs	1	LS	254,374.00	\$ 254,374.00
Foundation Increases - Sequoia Costs	1	LS	76,374.00	\$ 76,374.00
Earthwork Increases - Wahlund Costs	1	LS	4,768.00	\$ 4,768.00
				\$ -

SEE FOLLOWING PAGE FOR CORRECTED MARRKUP
PER CONTRACT TERMS.

	Sub Total	\$	335,516.00
15%	Markup	\$	50,327.40
	Sub Total	\$	385,843.40
3.0%	Bond & Ins	\$	11,575.30
	Total Price	\$	397,418.70

Additional Calendar days required: 110

Attachment(s): see following pages

Signed:



Wahlund Construction, Inc.

MARKUPS CORRECTED PER SPECIFICATION
GENERAL CONDITIONS, 3-7

Unit Cost	Allowable Markup %	Markup Cost	Total
\$254,374.00	5%	\$12,718.70	\$267,092.70
\$76,374.00	5%	\$3,818.70	\$80,192.70
\$4,768.00	15%	\$715.20	\$5,483.20

Sub Total	\$352,768.60
3% Bond Cost	\$10,583.06
TOTAL	\$363,351.66



Wahlund Construction

Attn: Greg Hufford

May 29th, 2025

Subject: Rio Dell Potable Water Tank

Greg;

California Aquastore has received GHD's response letter dated 5/20/2025.

It is the opinion of California Aquastore that GHD is not aware of the considerable impact the change in seismic values has on the tank and foundation designs. It is also understood that the justification provided may not have been concise for review. Hopefully this letter will better define the changes and provide the necessary justification to help all parties move forward so we can keep this project on track.

California Aquastore has worked diligently with the tank manufacturer (CST), Wahlund Construction (GC), and GHD (EOR) to provide solutions each time changes have been presented. The following will illustrate the timeline, changes, and associated costs due to changes outside of the responsibility of California Aquastore.

1. 4/18/2024: California Aquastore provided a bid for Project #12609126
 - a. Bid Per Section 33 16 23: Bolted Steel Tank for Water Storage
 - b. This proposal met specification and bid docs.
 - i. Seismic Parameters
 - ii. Required Volume
 - o Bid Docs did not include water height of existing tank
 - c. Weight of steel for tank Per Bid: 68,839lbs
 - d. Weight of Aluminum for Dome Per Bid: 3,371lbs
2. 8/12/2024: First Tank Submittal provided to Wahlund, one day before executed contracts.
3. 10/10/2024: Seismic parameters changed from bid/awarded specifications
 - a. Ss: 1.502 to 2.584
 - b. S1: 0.788 to 1.596
 - c. California Aquastore Notified by tank manufacturer that the new seismic data makes existing tank and foundation designs fail.
 - d. California Aquastore works diligently with the tank manufacturer for a new design.
4. 11/20/2024: Second Tank Submittal provided to Wahlund, to accommodate new seismic parameters
 - a. This submittal was rejected due to the diameter of foundation.

5. 11/11/2024: Freeboard requested to match Sloshing wave height.
- a. CST, Tank Engineering team notes this is NOT an AWWA requirement.
 - i. This is a requirement for the convenience of GHD.
 - b. This requires a new submittal and an increase to tank height to meet volume.
 - i. See below Chart A for changes in materials from time of bid to current tank design (04-18-25).
 - ii. The increase in tank material has an impact on both raw materials and the labor required for installation.
6. 02/06/2025: California Aquastore Hires an outside engineering firm.
- a. This engineering firm is hired to satisfy requests from GHD
 - i. Smaller foundation diameter
 - ii. Freeboard being 100% of sloshing wave (not an AWWA requirement)
 - b. Costs to date to use outside Engineering firm \$8,000

Rio Dell Tank Changes // Chart A

	Per Bid	Current	Delta
Weight of Steel, lbs.	68,839	105,562	36,723
Weight of Aluminum, lbs.	3,371	5,769	2,398
Number of Tank Rings	10	13	3
Number of Dome Struts	56	78	22
Number of Dome Panels	32	48	16

Rio Dell Change Order - Cost Break Down

Materials From Manufacturer	\$ 222,996.00
Shipping increase	\$ -
Labor increase	\$ 23,378.00
Foundation Design	\$ 8,000.00
Equipment	\$ -
CO Total	\$ 254,374.00

Original Bid	\$ 877,700.00
Current	\$ 1,132,074.00

In GHD's response they note a Request for a complete submittal

Tank and foundation submittals are complete and have been submitted for review.

As with other Projects which California Aquastore has worked with both Wahlund and GHD on, Tank Submittals were reviewed prior to accessories as the tank and dome have long lead times. Requests for accessory submittals are not needed for a proper evaluation of the tank structure, changes due to seismic criteria, foundation and sloshing wave (freeboard) changes. California Aquastore submitted a complete submittal on 4/18/2025. Requests for updated drawings for accessories should be overlooked so we can move forward.

In GHD's response they note volume being a convenience to the manufacturer.

Current tank design does have a storage capacity greater than 500,000 useable gallons. This is a necessary function of the sizes available and accommodation of the seismic conditions. The panels only come in one standard width. Using a narrower tank will necessitate a taller standpipe which the foundation loads cannot tolerate. Therefore, the wider tank is being used, and to meet the existing tanks WOL of 37.2' the tanks volume exceeds 500,000 Gallons.

Please note that California Aquastore has worked diligently with the tank manufacturer to maintain the original bid pricing, despite the expiration of the standard 30-day price validity period. The manufacturer has continued to honor outdated steel market prices specifically for this project, well beyond their usual policy.

Since the initial bid, we have consistently advocated for price stability while revisions to the tank design were being made. As stated in our original proposal, pricing is valid for 30 days from the bid date, this is a contractual agreement between California Aquastore and the manufacturer.

We have now been advised by the manufacturer that any further structural changes to the tank will necessitate a re-quote based on current market prices. Therefore, it is California Aquastore's strong recommendation that all parties work collaboratively to finalize the design and move the tank into the manufacturing queue as soon as possible. This will help avoid further delays and prevent additional cost increases.

California Aquastore has worked with both GHD and Wahlund to satisfy all the changes offered with the intent of offering the end user what they want. Our team is still dedicated to ensuring that the project continues to move forward with an accurate design. It is also understood that delays which have been a direct result of changes to the design are not the responsibility of California Aquastore.

Should you have any questions or would like to meet to discuss this letter, please contact me at (530) 739-3273.



Chester Stygar

Project Manager

C.Stygar@californiaaquastore.com



May 27, 2025

Mr. Chester Stygar
Superintendent
California Aquastore
PO Box 55131
South Lake Tahoe, CA 96155

RE: SF case 104077, Rio Dell, CA tank 22593-0 Questions Revision

Dear Chester:

Regarding the change requests in the design of tank 22593-0, California Aquastore directed CST Engineering on behalf of the client to increase the height and diameter of the original tank design via a new release request and order check sheet to produce a larger capacity tank. This was REL 2. The second change, REL 3, was performed to accommodate a liquid height change request by the client for the purposes of head pressure in relation to an adjacent structure. In addition, the seismic design criteria submitted to CST Engineering to use in the designs were increased.

The main driver for the heavier design with thicker steel is the updated seismic criteria and increased size in diameter and height. Per the REL 3 ocs, the SDs and SD₁ values given to CST Engineering for design were 1.73 & 1.809 respectively. These values are significantly higher than previous values calculated from the geotechnical report submitted for the 1st REL.

The tank size went from a 48' diameter to a 53' diameter and a height of 43' to 56'. The size of the tank and the increased seismic values with the increased amount of steel mass leads to a significant change in design thicknesses for the steel rings. The result is a 3M plus ft-lbs moment at the top of the foundation for REL 3 compared to a 1.59M ft-lbs in REL 1.

The issue of failed calculations refers to design sheet thickness changes per the tank height and seismic load changes. Changes in height and seismic loadings increase stresses in the steel rings from increased hoop stress forces, increased gravity and shear loads on the steel rings and bolts, requiring adjustments.

Please reach out to me with any additional questions.

Regards,

F. Donald Transue, P.E.
Lead Structural Engineer
CST Industries – Glass Coated, DeKalb, Illinois



**Rio Dell Tank - CO-1
MIP 22593-0**

Greg Hufford
Rio Dell Water

May 8, 2025

Subject: **Rio Dell Change Order - 1**

Greg,

The price includes all design changes due to seismic parameters doubling with the new geotech and increasing the tank volume to accommodate Sloshing wave height as freeboard. With the increased size there is also more labor. This project has had:

- (1) Diameter Change
- (3) Tank Height changes
- (2) Seismic Data changes
- (2) minimum capacity change.

This last revision increased the tank height around 8ft., increased the minimum liquid height and added 190,000 Gal more capacity.

It increased the foundation thickness, plus the bottom (2) rings being added. Heavier and more anchor bolts. To accommodate a 37.2 Overflow and Freeboard that matches sloshing wave height.

Costs : \$254,374.00

Acceptance of Proposal: The above RFCO is hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Authorized Signature: _____
Dated: _____
Title: _____

*PO Box 551131, South Lake Tahoe, CA 96155
Phone (925) 667-1039*

License Number: #1013296 A DIR Registration #1000038543 SBE: 2007657

Rio Dell Water Infrastructure Project – Tank Foundation

Concrete Changes: Difference between original submittal 8/13/24 and current design 4/22/25.

	Original Design	Current Design	Difference (Increase)
Size	57' dia x 3'-3" D	55'-2" dia x 5'-6" D	
Volume	307 CY	486 CY	179 CY
Formwork	582 SF	954 SF	372 SF
Rebar	#4 tops, #6 bottoms,	#8 rebar top and bottom	Almost double the weight.
Anchor Bolts	51 EA	136 EA	85 EA

SEQUOIA CONSTRUCTION SPECIALTIES

PO Box 6061
310 Redmond Rd
Eureka, CA. 95503
Phone: (707)442-3596 Fax: (707)442-0304

Potential Change Order/Proposal

Proposal Number:	02
Date:	5/12/2025
Requested by:	Casey Coelho

Issued To:

Wahlund Construction
PO Box 6486
Eureka, CA 95502

Project: Rio Dell Drinking Water Infrastructure Improvement Project

Description	Amount
Tank Increase in Size, Rebar Upgrade	
Labor	\$ 20,882.00
Material- concrete, forms & rebar	\$ 55,492.00
	<i>Sub Total</i> \$ 76,374.00
Additional Cost Total \$ 76,374.00	

Additional working days required: TBD

Attachments:

Signed: Adam Pritchard

ESTIMATE SPREADSHEET

Owner: City of Rio Dell									
Project Name: Rio Dell Water Infrastructure Improvements Project									
Description of Work: The tank foundation increased in depth, which increases the earthwork excavation needed by roughly 200 CY. This cost for this increased excavation amount.									
	Craft ID	Employee Name	RT Hrs.	OT Hrs.	RT Rate	RT Totals	OT Rate	OT Totals	Extended
L01		Operator	8.00	-	115.00	\$ 920.00	-	\$ -	920.00
L02		Laborer	8.00		84.00	\$ 672.00		\$ -	672.00
L03		Operator (Truck Driver)	8.00		115.00	\$ 920.00		\$ -	920.00
L04						\$ -		\$ -	-
L05						\$ -		\$ -	-
L06						\$ -		\$ -	-
L07						\$ -		\$ -	-
L08						\$ -		\$ -	-
WCI Electrical Equipment Charges									
	Equipment ID	EQUIPMENT DESCRIPTION	RT Hrs.	RT Rate	Totals				
E01		Utility Truck	8.00	54.00	432.00				
E02		Excavator - full size	8.00	134.00	1,072.00				
E03		Dump Truck	8.00	94.00	752.00				
E04					-				
E05					-				
E06					-				
Vendors - Materials/Specialist Work/Equipment Rentals/Lump Sum or Unit Price Payment									
	Invoice No.	Date	Vendor Name	Invoice Description	Units	Unit Costs	Totals		
M01							-		
M02							-		
M03							-		
M04							-		
							-		
							-		
							-		
							-		
							-		
							-		
							-		

Estimate Date: 5/12/2025
Estimate By: Casey
Bid ID#: 24079-02

RT Labor 2,512.00
OT Labor -
Subtotal Labor 2,512.00
Markup 15% -
Labor Total: 2,512.00

Equipment 2,256.00
Markup 15% -
Equipment Total: 2,256.00

Material Costs: -
Markup 15% -

Material Total: -

Estimate Total 4,768

Rio Dell Water Infrastructure - Baseline Schedule with New Tank Submittal Duration									
ID	Task Name Mod	Duration	Start	Finish	Half 2, 2024	Half 1, 2025	Half 2, 2025		
1	Rio Dell Drinking Water Infrastructure - Project Schedule	397 days	Fri 7/19/24	Mon 1/26/26	J	A	S	O	N
2	Notice to Proceed	1 day	Fri 7/19/24	Fri 7/19/24	J	A	S	O	N
3	Establish Subcontracts and Purchase Orders	20 days	Mon 7/22/24	Fri 8/16/24	J	A	S	O	N
4	Water Tank Replacement and Associated Site Work	380 days	Tue 8/13/24	Mon 1/26/26	J	A	S	O	N
5	Submit & Approve Glass Fused to Steel Tank	215 days	Tue 8/13/24	Mon 6/9/25	J	A	S	O	N
6	Fabricate & Deliver Glass Fused to Steel Tank	135 days	Tue 6/10/25	Mon 12/15/25	J	A	S	O	N
7	Erect Glass Fused to Steel Tank	20 days	Tue 12/16/25	Mon 1/12/26	J	A	S	O	N
8	Test & Disinfect Tank	5 days	Tue 1/13/26	Mon 1/19/26	J	A	S	O	N
9	Earthwork for Tank	5 days	Mon 8/4/25	Fri 8/8/25	J	A	S	O	N
10	Concrete Foundation for Tank	10 days	Mon 8/11/25	Fri 8/22/25	J	A	S	O	N
11	Potholing for yard pipe	2 days	Mon 8/25/25	Tue 8/26/25	J	A	S	O	N
12	Miscellaneous yard piping at tanks location	5 days	Wed 8/27/25	Tue 9/2/25	J	A	S	O	N
13	Pump house demolition and modifications	10 days	Wed 9/3/25	Tue 9/16/25	J	A	S	O	N
14	Electrical and control system modifications	5 days	Tue 1/20/26	Mon 1/26/26	J	A	S	O	N
15	Final site grading, gravel and restoration	5 days	Tue 1/20/26	Mon 1/26/26	J	A	S	O	N
16	Site Distribution Piping and Associated Work	144 days	Mon 3/3/25	Thu 9/18/25	J	A	S	O	N
17	Pothole all pipelines	40 days	Mon 3/3/25	Fri 4/25/25	J	A	S	O	N
18	Priority Area #1	28 days	Mon 4/7/25	Wed 5/14/25	J	A	S	O	N
19	Bellview - water main, services, FH, tie-ins, test & disinfect	15 days	Mon 4/7/25	Fri 4/25/25	J	A	S	O	N
20	Ogle - water main, services, FH, tie-ins, test & disinfect	20 days	Wed 4/16/25	Tue 5/13/25	J	A	S	O	N
21	Willow - water main, services, test & disinfect	7 days	Wed 4/30/25	Thu 5/8/25	J	A	S	O	N
22	Tolman - water main, services, test & disinfect	8 days	Mon 5/5/25	Wed 5/14/25	J	A	S	O	N
23	Priority Area #2	17 days	Mon 5/12/25	Tue 6/3/25	J	A	S	O	N
24	Monument - water main, services, FH, tie-ins, test & disinfect	17 days	Mon 5/12/25	Tue 6/3/25	J	A	S	O	N
25	Ash - water main, services, tie-ins, test & disinfect	8 days	Thu 5/22/25	Mon 6/2/25	J	A	S	O	N
26	Priority Area #3	8 days	Thu 5/29/25	Mon 6/9/25	J	A	S	O	N
27	First - water main, services, tie-ins, test & disinfect	8 days	Thu 5/29/25	Mon 6/9/25	J	A	S	O	N
28	Atlanta - water main, services, tie-ins, test & disinfect	4 days	Wed 6/4/25	Mon 6/9/25	J	A	S	O	N
29	Balance of Rio Dell Pipelines	72 days	Wed 6/11/25	Thu 9/18/25	J	A	S	O	N
30	Pacific - water main, services, FH, tie-ins, test & disinfect	16 days	Wed 6/11/25	Wed 7/2/25	J	A	S	O	N
31	Kelly - water main, services, tie-ins, test & disinfect	4 days	Wed 6/18/25	Mon 6/23/25	J	A	S	O	N
32	View - water main, services, tie-ins, test & disinfect	6 days	Fri 6/20/25	Fri 6/27/25	J	A	S	O	N
33	Second - water main, services, tie-ins, test & disinfect	21 days	Fri 6/27/25	Fri 7/25/25	J	A	S	O	N
34	Davis - water main, services, FH, tie-ins, test & disinfect	12 days	Tue 7/8/25	Wed 7/23/25	J	A	S	O	N
35	Ireland - water main, services, FH, tie-ins, test & disinfect	13 days	Thu 7/17/25	Mon 8/4/25	J	A	S	O	N
36	Center - water main, services, FH, tie-ins, test & disinfect	8 days	Mon 7/28/25	Wed 8/6/25	J	A	S	O	N
37	Rigby - water main, services, FH, tie-ins, test & disinfect	5 days	Mon 8/4/25	Fri 8/8/25	J	A	S	O	N

This is the project delay impact based on if the tank was approved for fabrication before June 9, 2025.

New Completion date is 1/26/26 generating 110 calendar days needing to be added to the schedule.

Project: Rio Dell Schedule
Date: Fri 5/30/25

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