

## Final Project Completion Report

**Project Name and Number:**                    **Zone D Chemical Feed Facility, #4204**

**Description:** Design and construction of a chemical injection facility at the 10200 South Zone D Reservoir. The facility can add fluoride to the Bingham Canyon Water Treatment Plant effluent and boost the chlorine residual at the 10200 South Zone D Reservoir. Project included a significant installation of new piping to direct water to chemical injections and a new building on site to house chemicals.

**District Project Manager: Conor Tyson**

<b>Engineer: Hansen, Allen, and Luce</b>	<b>Design Status: 100%</b>
Original Engineering Contract Amount:	\$198,872
Final Engineering Contract Amount:	\$510,322

<b>Contractor: Corrio Construction</b>	<b>Construction Status: 100%</b>
Original construction contract amount:	\$1,645,588
Total Change Order amount:	\$72,783
Final construction contract amount:	\$1,718,371
Total change orders as a percentage of original contract:	4.4%
Completion Schedule:	
Notice to Proceed:	9/1/2022
Final Completion:	11/12/2024

<b>Summary of Change Orders:</b>		<b>Amount</b>
	<b>Description</b>	
1	Alter building foundation to better accommodate sloping grade	\$15,992
2	Additional conduit penetrations and spare conduit	\$3,583
3	Move flow meter from meter vault to flow control vault	\$6,110
4	Upgrade to metal roof	\$9,448
5	Additional asphalt	\$1,320
6	Modify chemical feed area to match other sites	\$38,489
7	Upgrade pressure transmitter, credit for unused funds	-\$2,158
	<b>Total Change Order Amount:</b>	<b>\$72,783</b>

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Monitoring Equipment in new Chemical Building



Laying new HDPE line



Laying walls and vents for new building



Chlorine Feed System in New Chemical Building



New building with roof, sidewalk, and chemical storage tanks



Completed new chemical building