

Final Project Completion Report

Project Name and Number: **Reservoir Chlorine Boosters, #4198**

Description: Utah Division of Drinking Water regulations require a detectable chlorine residual at all points within the District's system. The chlorine residual tends to be lower at the far ends of the system including the 2300 East 9800 South and the 5600 West 14500 South (Rosecrest) reservoirs. District staff have successfully operated portable chlorination trailers at these locations. This project installed permanent chemical feed facilities.

District Project Manager: **Conor Tyson**

Engineer: Sunrise Engineering	Design Status: 100%
Original Engineering Contract Amount:	\$218,400
Final Engineering Contract Amount:	\$218,400

Contractor: Ellsworth Paulsen Construction	Construction Status: 100%
Original construction contract amount:	\$826,971
Total Change Order amount:	\$60,287
Final construction contract amount:	\$887,258
Total change orders as a percentage of original contract:	7.3%
Completion Schedule:	
Notice to Proceed:	10/29/2021
Final Completion:	10/21/2022

Summary of Change Orders:		Amount
	Description	
1	Adjust location of Rosecrest building.	\$9,680
2	Add weed fabric and injector quills.	\$4,826
3	Replace analyzer line and install temporary spool at 98&23.	\$4,468
4	Add drainline and replace coupling at Rosecrest.	\$5,511
5	Install stainless steel electrical box at Rosecrest.	\$4,198
6	Replace 18" meter and spool with 16" meter and spool.	\$14,043
7	Install longer Lutz tubes in bulk tanks.	\$2,389
8	Install stair guardrail at 98&23.	\$1,278
9	Move fill line, instrumentation boards, and level displays.	\$6,057
10	Reroute flow meter cable.	\$7,838
	Total Change Order Amount:	\$60,287

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Laying building foundation at 9800 S 2300 E



Constructing building walls at Rosecrest



Installing tanks and piping at 9800 S 2300 E



Completed Rosecrest building



Completed 9800 S 2300 E building



9800 S 2300 E interior piping and tanks