

## Final Project Completion Report

**Project Name and Number:**        **SERWTP Effluent Flow Meter, #4130**

**Description:** The existing effluent flow meter at Southeast Regional Water Treatment Plant is no longer operational and requires replacement. District staff have relied upon a calculated effluent flowrate for chemical pacing which is not best practice. The replacement of this flow meter will provide a higher level of accuracy and chemical dosage reliability. This project includes the installation of an effluent flow meter, a new vault, and site improvements.

**District Project Managers: David McLean and Conor Tyson**

<b>Engineer: JWCD Staff</b>	<b>Design Status: 100%</b>
Original Engineering Contract Amount:	NA
Final Engineering Contract Amount:	NA

<b>Contractor: Ellsworth Paulsen Construction</b>	<b>Construction Status: 100%</b>
Original construction contract amount:	\$268,936
Total Change Order amount:	\$17,929
Final construction contract amount:	\$286,864.8
Total change orders as a percentage of original contract:	6.7%
Completion Schedule:	
Notice to Proceed:	3/4/2021
Final Completion:	2/8/2022

<b>Summary of Change Orders:</b>		<b>Amount</b>
	<b>Description</b>	
1	Add General Conditions.	\$0
2	Remove buried dresser couplings. Add flanges inside vault.	\$6,768
3	Provide additional supports for lines in clearwell.	\$1,747
4	Move timer and switch from effluent control vault outside of vault.	\$3,519
5	Finish electrical hookup and widen forklift path.	\$5,895
Total Change Order Amount:		\$17,929

## Final Project Completion Report



Excavated effluent pipeline with new vault floor poured



New effluent meter and piping installed in new vault



The completed meter vault with new meter, piping, ventilation, electrical, and hatches

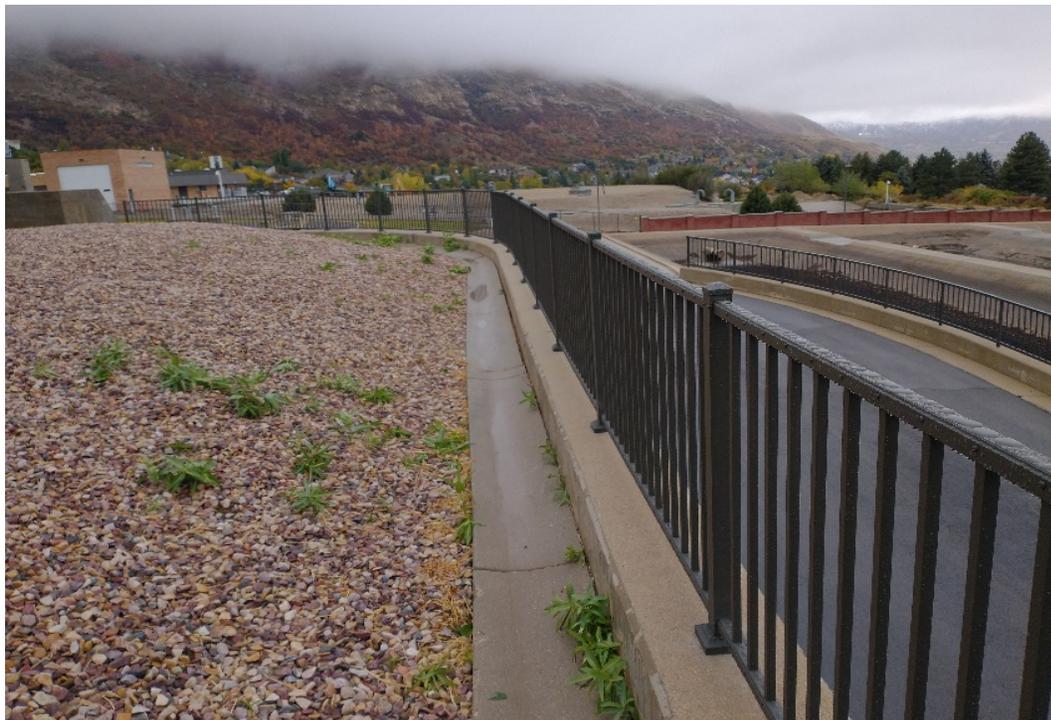
## Final Project Completion Report



New meter vault



Completed vault and new rock



New safety railing and rock mulch landscaping



