

Final Project Completion Report

Project Name and Number: **1516 West 14600 South Well Improvements, #4206**

Description: The flow meter and valves in the 1516 West 14600 South well house have reached the end of their useful life and required replacement. This project installed a new magnetic flow meter, new control valves, and piping modifications to improve water flow and operating efficiency. Electrical and instrumentation upgrades were performed by JVVCD staff who connected the flow meter, valve actuators, and other equipment.

District Project Manager: Conor Tyson

Engineer:	JVVCD	Design Status: 100%
Original Engineering Contract Amount:		NA
Final Engineering Contract Amount:		NA

Contractor:	Ellsworth Paulsen Construction	Construction Status: 100%
Original construction contract amount:		\$77,896
Total Change Order amount:		\$2,881
Final construction contract amount:		\$80,777
Total change orders as a percentage of original contract:		3.7%
Completion Schedule:		
Notice to Proceed:		4/27/2021
Final Completion:		11/10/2021

Summary of Change Orders:		
	Description	Amount
1	Install orifice plates on well discharge.	\$ 2,881
	Total Change Order Amount:	\$2,881

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Old gate valve and other components removed from well house



Installation of a new flow meter



Orifice plate installed in pump-to-waste line



Modified air vac line



The completed pipework with valves, meter, and other components



New SCADA HMI user interface screen