

Final Project Completion Report

Project Name and Number: Carol, College, and Willow Creek Pump Replacement, #3956

Description: The project consisted of pump replacements at the Carol Way, College Street, and Willow Creek Wells due to the pumps experiencing mechanical and/or age related failure. New high efficiency pumps were installed to reduce energy costs for JWVCD while increasing supply. Mechanical and chemical development was performed at the wells to restore the capacity of the wells.

District Project Manager: Kevin Rubow

Engineer:	JVWCD Staff	Design Status: 100%
Original Engineering Contract Amount:		N/A
Current Engineering Contract Amount:		N/A

Contractor:	Nickerson Company, Inc.	Construction Status: 100%
Original construction contract amount:		\$225,052
Total Change Order amount:		-\$2,904
Final construction contract amount:		\$222,148
Total change orders as a percentage of original contract:		-1.3%
Completion Schedule:		
	Notice to Proceed:	3/28/2016
	Final Completion:	7/26/2017

Summary of Change Orders:		
	Description	Amount
1	Large crane for column pipe removal at Willow Creek Well.	\$3,500
2	Fabrication of a sole plate and repair of a concrete pedestal at the Willow Creek Well.	\$1,148
3	Reconcile unused work. Well video inspections were performed by Widdison.	-\$7,552
	Total Change Order Amount:	-\$2,904

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Contractor:	Widdison Turbine Services	Construction Status: 100%
Original construction contract amount:		\$221,200
Total Change Order amount:		\$194,309
Final construction contract amount:		\$415,509
Total change orders as a percentage of original contract:		87.8%
Completion Schedule:		
	Notice to Proceed:	3/28/2016
	Final Completion:	7/18/2017

Summary of Change Orders:		
	Description	Amount
1	After initial contract development, the Carol Way Well required additional mechanical development.	\$27,200
2	Chlorine treatment was added to the scope of work for the redevelopment of the Carol Way Well.	\$15,701
3	Mechanical development hours required at the Carol Way Well in addition to Change Order #1.	\$46,720
4	Willow Creek Well chlorine treatment during redevelopment.	\$12,770
5	Additional mechanical development hours required at the College Street Well.	\$19,200
6	College Street Well chemical redevelopment.	\$108,721
7	Reconcile unused work quantities. Approximately 69 hours of development at the Willow Creek Well and 43 hours at the College Street Well were not needed.	-\$36,004
	Total Change Order Amount:	\$194,309

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Old column pipe at the College Street Well

Chemical development at the College Street Well



Mechanical development at the Willow Creek Well

New pump being installed at the Carol Way Well



College Street Well discharge at

New 200 HP motor at the Willow Creek Well

