JORDAN VALLEY WATER CONSERVANCY DISTRICT

Final Project Completion Report

Project Name and Number: Supply and Installation of Skid-Mounted Chlorinations Systems, #3983A

Description: Purchase of replacement chlorination equipment for ten selected JVWCD Wells. The equipment replaced equipment purchased in 2002 which have reached the end of their service life. The equipment utilizes solid-form calcium hypochlorite tablets with high dilution rates to reduce chemical scaling which had been problematic with the previous equipment. The new equipment has the ability for remotely set dosage levels, residual loop control, and flow pacing.

Engineer:	JVWCD staff	Design Status: 100%
Original Engineering Contract Amount:	Not applicable	
Current Engineering Contract Amount:	Not applicable	

Contractor:	Waterford Systems	Construction Status: 100%
Original construction contract amount:		\$209,251
Total Change Order amount:		\$48,325
Final construction contract amount:		\$257,576
Total change orders as a percentage of original contract:		23.1%
Completion Schedule:		
Notice to Proceed:		4/13/2016
Final Completion:		5/9/2019

Summary of Change Orders:			
	Description	Amount	
1	Upgrade pumps to all stainless steel wetted parts	\$18,858	
2	Chlorinator upgrades for remote residual control	\$17,017	
3	Extend contract for proof-of-concept testing	\$0	
4	Permanently mount portable chlorinator at Willow Creek Well	\$8,950	
5	Adapt piping at Siesta well to permit installation in conformance with National	\$3,500	
	Electrical Code		
	Total Change Order Amount:	\$48,325	

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Installed skid-mounted chlorinator 968 East 8520 South

Typical analog valve providing remote chlorine setpoint control





Installed skid-mounted chlorinator 1526 East 8600 South