

Final Project Completion Report

Project Name and Number: 12.5 MG JWTP Reservoir, #3963

Description: Design and construction of 12.5 MG finished water reservoir at JWTP.

District Project Manager: David McLean, PE

Engineer:	Bowen, Collins & Associates	Design Status: 100%
Original Engineering Contract Amount:		\$597,807
Final Engineering Contract Amount:		\$848,731

Contractor:	Alder Construction	Construction Status: 100%
Original construction contract amount:		\$15,469,700
Total Change Order amount:		\$390,563
Final construction contract amount:		\$15,860,263
Total change orders as a percentage of original contract:		2.5%
Completion Schedule:		
	Notice to Proceed:	2/1/2016
	Final Completion:	7/3/2018

Summary of Change Orders:		Amount
Description		
1 Relocation of utilities for improved serviceability.		\$49,432
2 Install pressure reducing valve in meter station and other modifications.		\$24,652
3 Credit for reduced structural fill, add fire hydrant.		-\$33,660
4 Security equipment enhancements.		\$46,836
5 Replace hand rail, ladder, and gratings in existing 9 mg reservoir.		\$35,648
6 Replace existing transite pipe with ductile iron.		\$49,662
7 Time extension to coordinate water treatment plant shut-downs.		\$0
8 Additional water quality instrumentation.		\$25,729
9 Abandon 48-inch drain piping.		\$8,981
10 Add insect screens on overflow structures and electrical upgrades.		\$19,821
11 Trench drain membrane.		\$50,000
12 Road modifications to accommodate Welby Canal Bridge.		\$33,646
13 Storm drainage improvements.		\$31,363
14 Add asphalt roadway for maintenance access and safety railings.		\$42,827
15 Route roof perimeter drain to overflow pond and remove salvage items.		\$8,584
16 Administrative credit for unused project management software.		-\$2,958
Total Change Order Amount:		\$390,563

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First concrete pour



Pipe placement



Construction in progress



Engineering inspection



Tank interior



Completed Reservoir