



MONTHLY PROJECT STATUS REPORT

**Subject: HEBER PUBLIC UTILITY DISTRICT – WATER TREATMENT PLANT EXPANSION
SRF Project No. 1310007-002C**

Date: August 11, 2016

From: Juny Marmolejo, Project Engineer, The Holt Group, Inc.

To: Laura Fischer, General Manager, Heber Public Utility District

Cc: Board President and Directors, Heber Public Utility District
Francisco Rodriguez, Chief Operator, Heber Public Utility District
James G. “Jack” Holt, P.E., Principal Engineer

Project:

- Expansion of the Water Treatment Plant from 2 million gallons per day (MGD) to 4 MGD.
- Facility improvements to reduce Total Trihalomethanes (TTHM) in potable water.

Summary of Construction Progress:

- Project Completion Percentage: 40 %
- Processing of Construction documentation (Submittals and RFIs).
- Static Mixer and Piping installation.
- Coating of interior of existing 0.75 MG Tank.
- 0.75 MG Tank’s structural roof rafter repair.
- Concrete construction of the Clarifier/Filter’s foundation slab.
- Concrete construction of the High Service Pump Station’s foundation slab.
- Backwash Pump Station’s Pumps and valves relocation to new foundation slab.
- Electrical conduit installation within the High Service Pump Station’s electrical building.
- Site Piping installation between Finished Water Pump Station and 0.75 MG Tank.
- Site Piping installation for Backwash Pump Station Pipeline.
- HPUD Operators shut down of 1.7 MG Tank to conduct interior coating.

Construction Schedule:

- Start: March 1, 2016
- 350 Calendar days for Construction
- End: February 14, 2017
- Construction Days To Date: 164 days (August 12, 2016)

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Construction Cost:

- Contract To Date: \$8,147,354.20
 - Original Contract: \$8,129,000
 - Approved Change Orders: \$18,354.20
- Expended To Date: \$2,776,000

- Construction Contingency: \$384,735.00
 - Approved Change Orders: \$18,354.20
 - Change Orders for Board Approval: \$83,488.79
 - Total Amount of Proposed Change Orders: \$101,842.99
 - Percentage of Contingency Used: 26.5%

- Change Orders Previously Approved
 - Change Order No. 1 – \$18,354.20

- Change Orders for Approval by HPUD Board on August 18, 2016: \$83,488.79
 - 0.75 MG Tank Roof Rafters Repair – \$71,434.71
Repair to structural stability of roof rafters, sealant between rafter and ceiling.
 - Additional Electrical wiring installation – \$12,054.08
Install additional electrical conduit for the generator set and ATS to motor Power Service Entrance Section.

- Change Orders under negotiation:
 - 0.75 MG Tank's Cathodic Protection: estimated at \$15,000
 - 1.7 MG Tank's Cathodic Protection: estimated at \$11,000
During temporary removal of the Cathodic Protection, it was discovered that the existing anodes (sacrificial metal wires) were at the end of useful life. A specialty cathodic protection contractor visited and proposed various repairs.
 - Additional Chlorination System Equipment: estimated at \$18,000
Installation of new Water Softener assembly to replace existing Water Softener assembly, installation of new Water Level Sensor for new Brine Tank, and installation of additional chemical injection system.
 - HPUD Logo and "Welcome to Heber" Sign on 3.0 MG Tank: estimated at \$16,000
HPUD requested a proposal to paint a HPUD Logo and "Welcome to Heber" lettering on the west side of the 3 MG Tank. The lettering would have lighting for night time.

Outage of Facilities:

- There is no planned Water Distribution System shut down at this time.
- There is no planned specific facilities that require to be shut down at this time.