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#### **MEMORANDUM**

TO:

WISE BOARD AND MEMBERS

FROM:

RICK MARSICEK, LOGAN BURBA

SUBJECT:

WISE CONSTRUCTION PROJECT MONTHLY UPDATE

DATE:

10/19/15

CC:

ERIC HECOX, RUSS DYKSTRA

## Significant completions:

- Water Tank wall panels erected
- Water Tank dome pour completed 10/15
- Water Treatment Plant site mobilized and BMPs/temporary electric installed General in-progress items:
  - Tank construction DN Tanks is ahead of their planned schedule.
  - Aurora connection and pressure sustaining valve design ongoing.
  - SCADA design and selection of final communication locations

## Specific project details working through in the next month

- Finalizing water treatment plant design and obtaining necessary Douglas County permits for construction currently, the water treatment plant is behind schedule.
- Working with Aurora on usage of their Smoky Hill radio tower for WISE SCADA.
  Working with Jefferson County on usage of their radio tower for WISE SCADA as backup to Aurora Smoky Hill tower.
- Working with Western Summit on potential design change orders both credits and debits.

### Important upcoming events:

Preparation by DN Tank for winterization at the tank site.

Attached is Western Summit's monthly report that covers work for the month of September.

# WISE Design-Build Project

September 2015

**Design-Builder**: Western Summit (WSCI)

**Designer of Record:**Tetra Tech

Award Date & Notice To Proceed: May 6, 2015

> Substantial Completion: November 2, 2016

Original Duration: 635 Days

Days Added by CO:

Current Duration: 635 Days

Days Elapsed Since NTP: 147

Actual % Work Complete: 22% Planned % Work Complete: 20%

Award Amount: \$13,558,676

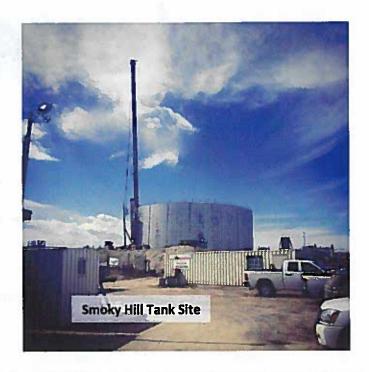
Change Order Total: \$0

Current Contract Value: \$13,558,676

Invoiced to Date: \$3,027,691

Cost Growth: 0%

Schedule Growth: 21 Days



### **Overall Summary**

The month of September saw the project team progressing with permitting at all sites and the construction of the tank at Smoky Hill. Design for the tank has reached 100% and the Quebec Street Water Treatment Plant (QSWTP) is at 95% for both above and below grade activities.

### Schedule and Budget Status

WSCI DN Tanks, and WISE have worked aggressively to accelerate the construction of the tank. Due to the Teams acceleration, construction of the tank is ahead of schedule with focus to build as much of the tank as possible before the winter season. WSCI is currently behind schedule for mobilization and construction of WTP due to Douglas County Permits. WSCI will effectively attack the work in October to put the project back on schedule. A high level summary of schedule progress can be found in (Figure 6.15-1)

As seen on the cash flow diagram (Figure 6.15-2) on the next page, the project is tracking just over the planned cash flow due to acceleration of the Tank and completing activities.

## Accomplishments/Highlights

Tank: The tank site saw significant progress over September. The tank slab was poured along with all of the precast wall panels. The panels were installed at the end of September. Shoring installation progressed as the month continued in preparation for the roof to be poured in early October.

QSWTP: Site preparation and mobilization of the Water Treatment Plant and Willows Wells Pipeline began this month. Activities included installation of erosion control measures, selective landscape removals, initial site grading, and the setup of Western Summit's office trailers onsite. During the month of September, several permits were issued, including the Douglas County GESC Permit and the Douglas County Temporary Access Permits.