



DESIGN SOUTH PROFESSIONALS, INC.

engineers architects planners

'28 YEARS OF RESPONSIVE SERVICE'

MONTHLY PROGRESS REPORT

To: Terry Pruitt
General Manager, Pioneer Rural Water District

From: Greaton Sellers

Project: ***Lake Hartwell Water Treatment Plant, Raw Water Pump Station and Intake, Raw Water Transmission Main
Pioneer Rural Water District***

Project No.: 0743

Date: February 5, 2018

For the period beginning January 1st and ending January 31, 2018, the following construction activities have been accomplished for each project area.

RAW WATER INTAKE AND PUMP STATION

Area 02 – Civil:

- Conduit for underground power to the Raw Water Pump Station was installed.

Area 20 – Raw Water Intake:

- No work was done during this time period.

Area 30 – Raw Water Pump Station:

- No work was done during this time period.

RAW WATER TRANSMISSION MAIN

Area 02 – Civil:

- No work was done during this time period.

WATER TREATMENT PLANT

Area 02 – Civil:

- The PRV and FDC vaults were set.
- The piping between the PRV and FDC vaults, including the 4-inch gate valve, was installed.

Area 40 – Pretreatment:

- The 4-inch and 6-inch vertical plug valves were installed in the Pretreatment utility room.
- Concrete finishers continued grinding form lines in the Pretreatment walls.

Area 60 – Membrane Filtration Building:

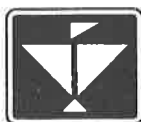
- Concrete was formed and poured in the following locations:
 - The membrane building footing in both the southeast corner of the building and the northwest corner of the building.
 - The chemical feed trench slab and walls.
- Concrete finishers applied the final coat of finishing grout to the tank farm walls.
- Duct bank was fully installed between the transformer pad and the membrane building.

Area 70 – Finished Water Storage:

- The first through third layers of shotcrete were applied to the interior of the finished water storage tank.
- Shoring and bottom forms were built up in preparation to pour concrete for the Finished Water Storage Tank dome.

Area 75 – Finished Water Pumping:

- Concrete was formed and poured for the wall pipe penetration of the Finished Water Pumping trench walls.
- The 6-inch surge relief piping and gate valves were installed.



Area 80 – Chemical Feed:

- Rebar for the chemical tote recessed slab was tied and edge forms put up in preparation to pour concrete next month.
- Electrical conduit was installed in the chemical feed area.

Area 95 – Residual Handling:

- No work was done during this time period.

PERSONNEL AND EQUIPMENT

1. Harper Corporation:

- Kubota SVL 75-2 Compact Track Loader.
- Caterpillar D6G LGP Bulldozer.
- Takeuchi TB135 Excavator.
- Caterpillar 314C LC Excavator.
- Caterpillar 930K Loader.
- Hamm 880109 Roller
- Eleven workers on site.

2. Hayes and Lunsford:

- Bobcat E39 Excavator.
- Four workers on site.

3. Concrete Forming Associates:

- Eight workers on site.

4. Precon Corporation:

- Eight workers on site.

5. The Wall Man, LLC:

- Five workers on site.



6. Payne, McGinn and Cummins:

- Doosan 140LCR Excavator
- Kobelco SK170 Excavator
- Four workers on site.

MATERIALS DELIVERED

- MST, Inc. – Precast Pressure Reducing Valve Vault: 1 each.
- MST, Inc. – Precast Fire Protection Vault: 1 each.
- Komax Systems, Inc. – AS-70193 Static Mixer: 1 each.

PRECIPITATION

- 4.12 inches of precipitation fell during this time period.
- There were no lost work days due to precipitation during this time period.

GWS:ala

c: Debi Green, Area Specialist, USDA/Rural Development
Heather Bryant, Pioneer Rural Water District

