



DESIGN SOUTH PROFESSIONALS, INC.

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'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: June 13, 2018

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

RAW WATER INTAKE AND PUMP STATION

Area 02 – Civil:

- No work was done during this time period.

Area 20 – Raw Water Intake:

- No work was done during this time period.

Area 30 – Raw Water Pump Station:

- Two (2) 12-inch butterfly valves were installed for the raw water discharge piping.

RAW WATER TRANSMISSION MAIN

Area 02 – Civil:

- No work was done during this time period.

WATER TREATMENT PLANT

Area 02 – Civil:

- The 6-inch FDC piping to the Membrane Filtration Building was installed.
- The 4-inch POTB piping from the PRV vault to the Membrane Filtration Building was installed.

Area 40 – Pretreatment:

- Rubbed finish was installed for the exterior concrete of the Pretreatment structure.
- The interior of the Pretreatment utility room was painted.
- The 6-inch and 4-inch drain lines in the Pretreatment utility room were painted.
- Motor Control Center 40 was installed in the Pretreatment utility room.
- Pole mount lights were installed on the top of the Pretreatment structure.

Area 60 – Membrane Filtration Building:

- Concrete was formed and poured in the following locations:
 - Chemical feed containment curbs.
 - Brine tank pad.
 - Day tank pads.
 - Chemical transfer pump pads.
 - Hypochlorite storage tank pads.
 - CIP tank pad.
 - Membrane feed pump pads.
 - Electrical room equipment pads.
 - Compressor pads.
- Masonry walls were built up in the following rooms.
 - Room 614 – Electrical Room.



- Room 615 – Finished Water Pump Room.
- Room 616 – Fluoride Room.
- Room 617 – Blowers and Compressors Room.
- Office Area.
- Steel angle supports were placed, and hollow core panels were set in the following rooms:
 - Room 614 – Electrical Room.
 - Room 616 – Fluoride Room.
 - Room 617 – Blowers and Compressors Room.
 - Office Area.
- Metal wall studs were installed for the office area interior walls.
- Concrete surface grinding was completed for the Membrane Filtration Building trench walls.
- Conduit and receptacle boxes were installed in the office area.

Area 70 – Finished Water Storage:

- No work was done during this time period.

Area 75 – Finished Water Pumping:

- The two (2) finished water vertical turbine pumps were installed.
- The blind flange was installed on the third finished water pump can.

Area 80 – Chemical Feed:

- The caustic bulk storage tank was set and the access ladder was installed.
- The alum bulk storage tank was set.
- The brine storage tank was set and the access ladder was installed.



Area 95 – Residual Handling:

- Concrete was formed and poured in the following locations:
 - Overflow bridge support bases and curbs.
 - Energy dissipaters.
- Aluminum railings and grating were installed on the overflow structure bridges.
- The telescoping valve was installed on the overflow structure in Residual Lagoon No. 2.

PERSONNEL AND EQUIPMENT

1. Harper Corporation:
 - Kubota SVL 75-2 Compact Track Loader.
 - Caterpillar D5G LGP Bulldozer.
 - Takeuchi TB135 Excavator.
 - Caterpillar 314C LC Excavator.
 - Caterpillar 930K Loader.
 - Caterpillar 330L Excavator.
 - Komatsu PC 138US-LC Excavator.
 - Twelve workers on site.
2. Hayes and Lunsford:
 - Bobcat E39 Excavator.
 - Five workers on site.
3. Feltman Bros., Inc.:
 - Six workers on site.
4. The Wall Man, LLC.:
 - Four workers on site.
5. Southern Painting and Maintenance Specialists, Inc.:
 - Two workers on site.



6. G&S Services, Inc.:
 - Three workers on site.
7. Coreslab Structures:
 - Three workers on site.

MATERIALS DELIVERED

- Meurer Research, Inc. – Plate Settler Cartridge: 2 each.
- Snyder Industries, Inc. – Hypochlorite Storage Tank: 2 each.
- Modern Welding Company of Georgia, Inc. – Caustic Bulk Storage Tank: 1 each.
- Perry Fiberglass Products, Inc. – Alum Bulk Storage Tank: 1 each.
- Plas-Tanks Industries, Inc. – Brine Storage Tank: 1 each.
- Goulds Water Technology – Finished Water Vertical Turbine Pumps: 2 each.

PRECIPITATION

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

GWS:jsc

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

