



# DESIGN SOUTH PROFESSIONALS, INC.

engineers architects planners

*'28 YEARS OF RESPONSIVE SERVICE'*

## P R O G R E S S R E P O R T

For: ***November Board Meeting  
Pioneer Rural Water District***

Project: New Lake Hartwell WTP

Project No.: 0743

Date: November 7, 2017

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Since our last update to the Board on October 10, 2017, the following project-related information is offered:

1. Harper Corporation continues construction on the new Lake Hartwell Water Treatment Plant and associated waterworks infrastructure. The following construction activities have been completed or are underway:

**Raw Water Pump Station and Intake:**

- Work is approximately 50% complete to date.
- The installation of the intake pipe into the lake has begun and the contractor has currently installed approximately 460 lf of pipe out towards the lake.

**Water Treatment Plant:**

- Work is approximately 45% complete to date.
- The pretreatment area walls continue being prepared to pour this month.
- The walls for the lower utility room in the pretreatment area have been poured as well as some of the interior walls in the flocculation basins.
- The 18-inch finished water piping which connects the Membrane Filtration Building to the Finished Water Storage Tank was encased in concrete underneath the Area 60 Building Foundation.
- Rebar was placed and concrete for the base slab for the Loading Dock trench, Membrane trench slab, the Membrane Building precast column piers, and the Finished Water Pumping trench slab was poured.
- Installation of the 24-inch finished water line between the Finished Water Storage Tank and the Finished Water pump cans was completed.

- The Finished Water Storage Tank walls are being prepared for installation later this month.
- The pump cans and suction piping for the Finished Water Pump Station have been installed and fully encased in concrete under the area of the building foundation and floor slab.

**Raw Water Transmission Main:**

- No additional work has been accomplished since our previous update.
  - Work is approximately 90% complete to date.
  - The system connections remain for this portion of the work and will be accomplished once the plant and pump station are ready for operation.
2. Design South is continuing to receive and process shop drawings and to address requests for information from Harper Corporation.
  3. Seven payment requests have been processed totaling \$5,795,145.83. Design South is awaiting receipt of the eighth pay request for review.
  4. As of today, 308 days of the 600-calendar day contract period have passed.
  5. Overall, Harper Corporation progress and quality of work are acceptable.

