



LEMONS ENGINEERING CONSULTANTS, INC.

204 CHERRY STREET
CABOT, AR 72023
(501) 843-5081
(501) 941-0959 Fax

MONTHLY PROGRESS REPORT
Ward Wastewater Treatment Facility Improvements
Ward, Arkansas

August 17, 2017

On June 13, 2017, the Contracts were signed on this project by both the City of Ward, and Haren Construction, Inc. The Pre-Construction Meeting followed the contract signing. Those in attendance included representatives of the City, Haren Construction Inc., USDA, and Lemons Engineering Consultants, Inc.

Construction equipment began arriving on the Job site on July 11, which was six days before the originally agreed upon date. The Ground Breaking Ceremony was held on July 14, and was well attended.

The contractor began removing top soil on July 18. On July 19, test holes were dug on the four corners of the Aeromode Basin which yielded some trapped ground water at a depth of 3 feet. Over the next several days, the Contractor installed a trench and sump for the installation of a pump, complete with casing, to eliviate the ground water. The pumps drew the water down over a period of four days. Gravel was placed in the trench to facilitate any additional seepage of ground water.

Excavation for the Aeromode Basin began on July 24. During this excavation, Carl Garner of Garner Engineering (geotech consultant for this project) was present to review the subgrade, and to perform a soil bearing tests. Mr. Garner had no issues with the subgrade and recommended that the project proceed.

Upon completion of the subgrade construction, gravel (#57 Stone) was brought to the site, and spread over the subgrade area at a thickness of eight inches.

Batter boards for the Aeromode Basin have been installed, and string lines are being installed today.

Construction of the temporary access roads has begun. We anticipate the arrival of the first shipment of rebar on Monday, August 21.

Based on the first pay request (dated July 31), for work through July 25, the project stood at 3.8% complete. Considering that the pay request was three weeks ago, we estimate that the project presently stands at 7 to 8% complete. This will be verified with the next pay request.

Edge forms on the Aeromode Basin will be installed on Monday, ^{21 Aug} and rebar should begin on Wednesday, ^{23 Aug}. We anticipate concrete will be poured the second week of September.

During the first month of the project, two rain days occurred.

Report prepared by:



Tim Lemons, PE, President