



July 18, 2016

Mr. Mathew Webb  
Contract Administrator  
Texas Water Development Board

RE: Progress Report #6 – Lane City Research Grant Contract No. 1400011761  
Reporting Period 03/2016-05/2016 (TWDB 3FQ2016)

LCRA is not requesting any construction cost reimbursement at this time.

**Task 1:** The Near Term Water Supplies Demonstration Grant Contract between The Texas Water Development Board (TWDB) and the Lower Colorado River Authority (LCRA) was reviewed and accepted on December 11, 2015.

**Task 2:** In March, contractor continued foundation operations for preparing subgrade and preparing a platform for the soil-bentonite cut-off wall. Scrapers continued working south and stripping as well as foundation activities continued towards the existing canal North West of the project site. Completed 100% of the reservoir dam foundation within the stationing area of 240+00-3+40 to elevation 79 on March 3<sup>rd</sup>. Continued placement of sand filter drain material. Contractor had 81 employees on site.

In April, the contractor continued foundation operations for preparing subgrade and building the platform for the soil-bentonite cut-off wall. Installation of piezometers started. Aerial drone photographs were taken to show the progress made to date. April was greeted with major flooding in neighboring communities and including the City of Houston. The Lower Colorado River where Jarvis Creek runs under CR 116 backed up into the reservoir causing the contractor's equipment to be shut down for several days April 13<sup>th</sup> until the end of the month. Welded steel pipe for the River Outfall was received on April 14<sup>th</sup> and now have 33% of the pipe stored onsite. Contractor had 77 employees on site.

In May, despite the amount of rain received, the dam foundation construction continued with over 273,000 cubic yards of clay and random fill was placed. Approximately 6% of building the dam foundation perimeter within the stationing area of 3+40-42+40 to elevation 79 was completed. The remaining welded steel pipe for the River Outfall was received and 100% is now stored onsite. Sand filter drain effort continued along with initial testing of chimney drain material placement. Contractor had 80 employees on site.

**Task 3:** No work completed during reporting period.

If you have any questions or concerns please feel free to contact me at 512-578-2271 or [Annette.Keaveny@lcra.org](mailto:Annette.Keaveny@lcra.org).

Thank you,

A handwritten signature in black ink that reads 'Annette B. Keaveny'. The signature is written in a cursive style and is positioned above the printed name.

Annette B. Keaveny  
Lower Colorado River Authority | Sr. Project Coordinator



Figure 1 - Western Edge of Reservoir Placing Filter Sand



Figure 2 - Looking West along CR 120.



Figure 3 - Riverside View of Temporary Cofferd Dam for River Outfall



Figure 4 - Test Placement of Chimney Drain



5/27/2016

Figure 5 – Pipe for River Outfall



5/27/2016

Figure 6 – Pipe for River Outfall