



June 17th, 2015

Mr. Mathew Webb
Contract Administrator
Texas Water Development Board

RE: Progress Report #2 – Lane City Research Grant Contract No. 1400011761
Reporting Period 3/2015-5/2015

No construction is currently underway for the Wave Wall, River Return System, or the Chimney Drain. LCRA is not requesting any construction cost reimbursement at this time.

Task 1: All permits obtained by Barnard Construction, will be transferred to LCRA during GMP 1 Closeout.

Task 2:

In March, Barnard Construction continued to mobilize and secure the site for construction of the test embankment. Equipment continued to arrive on site for testing and evaluated. Due to the above normal rain fall in the area, the clay material reached saturation. The project team tested different methods for drying the clay material back to optimum moisture content. Reaching compaction requirements on the darker clay material proved more difficult than anticipated. The team performed testing on potential sand sources to obtain the required blending ration between onsite and C-33 sand, which would satisfy the filter and drain sand specifications. Team completed sand evaluation report (See Attached – Filter Sand Report). Additional analysis of material delamination, equipment production and haul back analysis taking place during test embankment. Team has finished installing erosion control measures around the construction yard.

In April, construction of the test embankment progressed with satisfactory results for certain types of soil. A second embankment was constructed to a lower compaction effort with reasonable results with the darker clay materials. Various lift thicknesses were tested to optimize compaction efforts with different materials. LCRA, CH2M Hill and Barnard’s worked closely on the compaction efforts to determine the most cost effective embankment requirement for constructability. Barnard completed the Test Embankment and issued the Final Report (See Attached Report- Test Embankment Report). The project site received significant precipitation providing difficult working conditions for placing material and unsuitable construction conditions.

Rain events have also slowed the construction of the stripping and sand haul at the yard facilities. Additional efforts have been spent conditioning materials on work days following the event delaying progress.

In May, Barnard submitted a final estimate for reservoir construction (GMP 2), which was considerably higher than the previous estimate. The LCRA board was advised of the change in project cost and project manager was directed to terminate Barnard's contract and prepare a request for proposals from general contractors. Barnard has continued to demobilize equipment onsite and closeout GMP 1. All equipment and contracts in Barnard's name, are being transferred to LCRA. The termination of the CMAR contract and starting the procurement process for a general contractor will significantly alter the project schedule. Current procurement plan shows a new general contractor selected in November 2015. LCRA has notified TWDB and TCEQ of revised project schedule.

Task 3: No work completed during reporting period.

If you have any questions or concerns please feel free to contact me at 512-730-6693 or Kate.Reilly@lcra.org.

Thank you,



Kate Reilly
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LCRA