



LBG-GUYTON ASSOCIATES

PROGRESS REPORT

DATE: September 13, 2016
TO: Jean Perez, Hydrologist II, Conservation & Innovative Water Technologies
FROM: Michael Keester, P.G. and James Beach, P.G.
SUBJECT: TWDB Contract No. 1600011952
Nacotoch Aquifer – Potential Brackish Groundwater Production Areas

Work Completed

The time period covered by this progress report is from August 1, 2016 through the end of the month, (August 31, 2016).

TASK 1 PROJECT MANAGEMENT

LBG-Guyton coordinated work with BEG and Collier Consulting.

TASK 2 DATA ACQUISITION

- BEG is working primarily with the logs provided by LBG-Guyton and Collier Consulting – locations and depths being developed within Petra software
- Work associated with this task is nearly 100 percent complete except for the draft methodology report and work associated with the BRACS database

TASK 3 HYDROGEOLOGIC EVALUATION

- Worked on assessing the reliability of the water quality sample data
- Developed an Excel spreadsheet to facilitate more rapid evaluation of geophysical log data
- BEG correlating the Navarro Group and Nacotoch sands within that group. Also beginning evaluation of the net sand thicknesses