



MEMORANDUM

TO: Jean Broce Perez, Hydrologist II, Conservation and Innovative Water Technologies

FROM: Neil Blandford, Principal Hydrologist, Daniel B. Stephens & Associates, Inc. *NB*

DATE: June 6, 2016

SUBJECT: Progress Report for TWDB Contract No. 1600011948, Identification of Potential Brackish Groundwater Production Areas - Blaine Aquifer

Work Completed During May Billing Period, 2016

Task 1: Monitored project progress through calls and meetings.

Task 2: Coordinated with TWDB on meeting dates and locations.

Task 3: Constructed water level contour map; developed and submitted Draft memorandum on technical approach to geophysical log analysis for determination of water quality; reviewed geophysical logs; finalized reported cavities dataset; finalized Clearfork top, Blaine top and base, and Seymour base surfaces for 3-D model. Initiated construction of 3D geologic framework model with digital elevation model and geologic surface extents.

Task 4: Constructed irrigation, public water supply, injection well and environmental protection zone shapefiles.

Task 5: No activity

Task 6: No activity

Problems

No problems to report at this time.