



State of Utah

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Environmental Quality

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DIVISION OF DRINKING WATER  
Kenneth H. Bousfield, P.E.  
Director

September 2, 2008

Mr. Cal Welling  
Eden Water Works Company  
4786 East 2600 North  
Eden, UT 84310

Dear Mr. Welling:

Subject: **Well Grouting Certification for East Shore-Stonegate Well (WS009),**  
Water System #29005, File #7552 and 7553

This letter is issued to certify compliance with the Utah Administrative Code R309-515-6(5)(b), R309-515-6(6)(i), and R655-4-9.4 as applicable to the surface seal installed on the East Shore-Stonegate Well (WS009). The well is located at Latitude 41.277943° North and Longitude 111.776394° West. The well was drilled by Mike Zimmerman Well Service LLC, Magna, Utah.

The grout seal for the production casing was installed on April 10-11, 2008, in the annulus between the 6-inch well casing and the 10-inch temporary surface casing from 100 feet below the top of the well casing to the ground surface. The temporary 10-inch surface casing was pulled in sections as the well was grouted. The annular space was pressure grouted with neat cement grout via a 2-inch tremie pipe. Approximately one and one-half pallets of ASTM C-150 cement sacks was mixed onsite by the driller. Because of an equipment failure, the grouting was suspended on April 10<sup>th</sup> when the grout was 30-feet below the top of the casing. On April 11<sup>th</sup>, the grouting was completed to ground surface. The neat cement grout averaged 15.8 pounds per gallon.

This certification **does not** give approval to use this source in a public drinking water system. Prior to using this well as a public drinking water source, you are required to submit the remaining items outlined in R309-515-6(5) to the Division of Drinking Water, and to obtain an approval to equip the well and an operating permit for introducing the well water into a public drinking water system.

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Please contact me at (801) 536-0054 or bhart@utah.gov, if you have any questions regarding this well grout certificate or need further assistance.

Sincerely,

Bob Hart

Bob Hart, P.E.  
Environmental Engineer

cc: Joseph Decaria, Weber-Morgan Health Dept., 477 23rd St., Ogden, UT 84401-1507  
Jim Goddard, Utah Division of Water Rights, P.O. Box 146300, Salt Lake City, Utah 84114-6300  
Mike Zimmerman Well Service LLC, 7888 West 2400 South, Magna, UT 84044  
Nick Galieti, Red Rock Investment Properties, 8391 South 1890 West, West Jordan, UT 84088  
Kevin Randall, Y<sup>2</sup> Geotechnical, P.C., P.O. Box 983, Layton, UT 84041-0983

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