



State of Utah

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Department of
Environmental Quality

Amanda Smith
Executive Director

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

September 10, 2012

Fred Smolka
Emigration Improvement District
P.O. Box 58945
Salt Lake City, Utah 84158

Dear Mr. Smolka:

Subject: Notice of Increased Radionuclide Monitoring

Our records indicate that the following source has a Gross Alpha result over the Maximum Contaminant Level (MCL): WS002 Well #2. The MCL for Gross Alpha is 15pCi/L and the December 2011 result for this source was 17.9pCi/L. This result requires increased sampling of the entire Radionuclide group in accordance with Section R309-205-7(1) of the Rules. As a result of this the sampling frequency for Radionuclides at your WS002 Well #2 is now quarterly. It will remain quarterly until at least four quarterly samples are reported and the running annual average of those results is less than the MCL (less than 15pCi/L.)

When you take these four quarterly samples for the Radionuclide group you must request that the lab analyze for Gross Alpha, Radium-226, Radium-228, and Uranium (as part of the initial sampling requirements for the Radionuclide group in section R309-205-7(1)(b) of the rules). In order to determine compliance with the Radionuclide group we need individual results for all four of those contaminants. Please clearly identify with the laboratory that the Radionuclide samples for this requirement are for your WS002 Well #2.

An updated monitoring schedule for your system has been enclosed. We will expect you to become current with the increased sampling for Radionuclides by December 31, 2012. If you have any questions, please contact Rachael Cassidy, at 801-536-4467 or rcassady@utah.gov.

Sincerely,

Patti Fauver
Rules Program Manager

RC
Enclosures
cc: Salt Lake County Public Health Department