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James



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

ENTERED

NOV 2 2001



Marlene Sundheimer  
Water Division Director  
801 West San Mateo  
City of Santa Fe  
Santa Fe, NM 87504

Re: Transmittal of the U.S. Environmental Protection Agency (EPA) Sampling Results for the Buckman Wells

Dear Ms. Sundheimer:

Enclosed for your review are the EPA preliminary sampling results for Buckman Wells 1, 2, and 7. These samples were taken August 16, 2001 by EPA contractor Tech Law, with Los Alamos National Laboratory (LANL) "splitting" samples with EPA. Samples were analyzed for metals (dissolved and total), volatile organics, semivolatile organics, radionuclides, perchlorates and general chemistry.

Buckman Well No. 1 had an exceedance of the EPA drinking water standard for radium at 8.54 pCi/l. The EPA standard is 5 pCi/l. This sample is designated as "Buckman 11" and is a duplicate sample of Well No. 1. LANL did not analyze the Buckman Wells for radium.

Buckman Well No. 2 had an exceedance of the EPA drinking water standard for uranium at 156 pCi/l. The EPA drinking water standard is 27 pCi/l or 30 ug/l. LANL had a similiar result for uranium which exceeded the EPA standard. The EPA standard for uranium is not effective until December 8, 2003.

If you have any questions pertaining to the results, please contact me at (214) 665-7442. If you have any questions pertaining to treatment options for the Buckman Wells, please contact Bill Davis from the Drinking Water Program at (214) 665-7536.

Sincerely,

Rich Mayer  
LANL Project Engineer

Enclosure

cc: Bill Bartels, NMED Drinking Water Program (w/o encl.)  
James Bearzi, NMED HWB (w/o encl.)



ASWA LANL G/M/01