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Los Alamos, New Mexico 87544
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Date: SEP 2 7 2013
Refer To: EP2013-0223

Nicholas Schiavo, Water Division Director
Sangre de Cristo Water Division
City of Santa Fe
801 West San Mateo
Santa Fe, New Mexico 87504

Subject: Los Alamos National Laboratory Sitewide Monitoring Program Drinking Water Results for the City of Santa Fe Buckman Water Supply Wells

Dear Mr. Schiavo:

Routine monitoring of select Buckman water supply wells is conducted in accordance with the June 7, 2013, sampling and analysis plan cooperatively developed between Los Alamos National Laboratory (the Laboratory) and City of Santa Fe staff. Under this plan, the Laboratory will sample Buckman Wells Nos. 1, 6, and 8 quarterly: twice per year for radionuclides, general inorganics, metals, and organics; with two additional sample events per year for tritium.

This report, prepared by the Laboratory, provides the analytical results from the August 20, 2013, sampling of the City of Santa Fe Buckman Water Supply Wells Nos. 1, 6, and 8. Samples were analyzed for tritium.

All results were below the U.S. Environmental Protection Agency (EPA) maximum contaminant levels (MCLs).

The attached CD contains an Excel file of the analytical results with a glossary of laboratory qualifier codes, secondary validation codes, and secondary validation reason codes. The analytical results are as follows.

Radiochemistry:

- **Tritium:** All tritium results were nondetect. The average minimum detectable activity for the measurements was 2.00 pCi/L. The results at all locations were below the EPA MCL of 20,000 pCi/L for tritium in drinking water.

In summary, all results presented in this report are below EPA MCLs and New Mexico groundwater standards.

If you have questions, please contact Steve Paris at (505) 606-0915 (smparis@lanl.gov) or Woody Woodworth at (505) 665-5820 (lance.woodworth@nnsa.doe.gov).

Sincerely,

Jeff Mousseau, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

Peter Maggiore, Assistant Manager
Environmental Projects Office
Los Alamos Field Office

JM/PM/CD/SP/DR:sm

Attachment: CD with the following items – Excel file of the analytical results and glossary of laboratory qualification codes, secondary validation codes, and secondary validation reason codes (LA-UR-13-27351)

Cy: (w/att.)
Laurie King, EPA Region 6, Dallas, TX
Alex Puglisi, City of Santa Fe, 801 West San Mateo, Santa Fe, NM 87505
Claudia Borchert, City of Santa Fe, 801 West San Mateo, Santa Fe, NM 87505
Michael Gonzales, City of Santa Fe, 801 West San Mateo, Santa Fe, NM 87505
John Kieling, NMED-HWB, 2905 Rodeo Park Drive East, Building 1, Santa Fe, NM 87505
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Steve Yanicak, NMED-DOE-OB, MS M894
Hai Shen, DOE-NA-00-LA, MS A316
Woody Woodworth, DOE-NA-00-LA, MS A316
Cheryl Rodriguez, DOE-NA-00-LA, MS A316
Gene Turner, DOE-NA-00-LA, MS A316
Tom Carver, DOE-NA-00-LA, MS A316
Wendy Staples, EP-REG (date-stamped letter emailed)
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Tom Skibitski, NMED-DOE-OB (date-stamped letter emailed)
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David Rhodes, DOE-NA-00-LA (date-stamped letter emailed)
Carl Beard, PADOPS (date-stamped letter emailed)
Mike Brandt, ADESHQ (date-stamped letter emailed)
Mike Saladen, ENV-RCRA (date-stamped letter emailed)
Danny Katzman, EP-ET (date-stamped letter emailed)
David Rogers, EP-ET (date-stamped letter emailed)
Steve Paris, EP-CAP (date-stamped letter emailed)
Craig Douglass, EP-CAP (date-stamped letter emailed)
Dave McInroy, EP-CAP (date-stamped letter emailed)

Troncoso, Vanessa M
To: SCHIAVO, NICK A.
Subject: RE: LANL Sitewide Monit Program Drinking Water Results CoSF Buckman Water Supply Wells

From: SCHIAVO, NICK A. [mailto:naschiavo@ci.santa-fe.nm.us]
Sent: Monday, September 30, 2013 11:58 AM
To: Troncoso, Vanessa M
Subject: RE: LANL Sitewide Monit Program Drinking Water Results CoSF Buckman Water Supply Wells

Thank you

Nicholas Schiavo, P. E.
Public Utilities Director
City of Santa Fe
(505) 955-4267

From: Troncoso, Vanessa M [mailto:tronco@lanl.gov]
Sent: Monday, September 30, 2013 11:35 AM
To: SCHIAVO, NICK A.
Subject: LANL Sitewide Monit Program Drinking Water Results CoSF Buckman Water Supply Wells

Hello Mr. Schiavo, I am sending you a scanned copy of the Los Alamos National Laboratory Sitewide Monitoring Program Drinking Water Results for the City of Santa Fe Buckman Water Supply Wells. We had several failed faxed attempts on Friday as well as today. The hardcopy original will be placed in the mail today with the CD and sent to you. could you please confirm the fax number of 505-955-4280 is the correct number to fax these letters to in the future?

Thank you,

Vanessa Troncoso
Pubs Team/REG-SP
tronco@lanl.gov MS M992
665-7581 Schedule B