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Hazardous Waste Bureau

Los Alamos
NATIONAL LABORATORY
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Environmental Programs
P.O. Box 1663, MS K788
Los Alamos, New Mexico 87545
(505) 606-2337

National Nuclear Security Administration
Los Alamos Field Office, MS A316
Environmental Projects Office
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: JUL 11 2014
Refer To: EP2014-0302

John Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Request for Variance to Exclude SCA-2, R-61S2, and R-43S2, from the Sampling Requirements of the Fourth Quarter Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year

Dear Mr. Kieling:

Los Alamos National Laboratory (the Laboratory) requests a variance to exclude sampling of SCA-2 (Mortandad/Sandia General Surveillance Monitoring Group) and R-43S2 and R-61S2 (Chromium Investigation Monitoring Group) from the fourth quarter requirements of the Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year (IFGMP MY14). Sampling is scheduled to take place between July 8 and July 25, 2014. In accordance with Section IX.B.2.i of the Compliance Order on Consent, the U.S. Department of Energy and Los Alamos National Security, LLC, request this variance.

As discussed with your staff, SCA-2 was destroyed during last year's September flooding events and therefore was not included as a sampling location in the recently submitted IFGMP MY15. Well R-61S2 should not be included in the upcoming sampling campaign because of persistent reducing conditions and continued concerns regarding the representativeness of samples collected from this screen. This well is also not included as a sampling location in the IFGMP MY15.

Well R-43 was temporarily reconfigured in May 2014 to support the Chromium Groundwater Project's aquifer test at R-43S1. Well R-43S2 is currently not equipped with a sampling system to support fourth quarter IFGMP MY14 monitoring requirements. This well will be reconfigured with a sampling system after completion of aquifer tests to support the first quarter IFGMP MY15 monitoring requirements. The Laboratory requests approval from the New Mexico Environment Department to remove these locations from the sampling calendar.

If you have any questions, please contact Steve Paris at (505) 606-0915 (smparis@lanl.gov) or Hai Shen at (505) 665-5046 (hai.shen@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/DM/SP:sm

Cy: Laurie King, EPA Region 6, Dallas, TX
Raymond Martinez, San Ildefonso Pueblo
Dino Chavarria, Santa Clara Pueblo
Steve Yanicak, NMED-DOE-OB, MS M894
Tom Skibitski, NMED-DOE-OB (date-stamped letter emailed)
lasomailbox@nnsa.doe.gov
Annette Russell, DOE-NA-LA (date-stamped letter emailed)
Hai Shen, DOE-NA-LA (date-stamped letter emailed)
David Rhodes, DOE-NA-LA (date-stamped letter emailed)
Kimberly Davis Lebak, DOE-NA-LA (date-stamped letter emailed)
Steve Paris, EP-CAP (date-stamped letter emailed)
Dave McInroy, EP-CAP (date-stamped letter emailed)
Jeff Mousseau, ADEP (date-stamped letter emailed)
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