



Associate Directorate for Environmental Management
P.O. Box 1663, MS M992
Los Alamos, New Mexico 87545
(505) 606-2337



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



Environmental Management
1900 Diamond Drive, MS M984
Los Alamos, New Mexico 87544
(505) 665-5658/FAX (505) 606-2132

Date: **MAY 15 2017**
Refer To: ADEM-17-0101
LAUR: on each PMR

Locates Action No.: n/a

Subject: Annual Periodic Monitoring Reports for the Material Disposal Area C, Technical Area 54, and Chromium Investigation Monitoring Groups

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of the Annual Periodic Monitoring Reports (PMRs) for the Material Disposal Area C, Technical Area 54, and Chromium Investigation Monitoring Groups for sampling campaigns performed during the third and fourth quarters of monitoring year 2016 and the first quarter of monitoring year 2017.

These reports are submitted in accordance with Appendix E, Section IV, of the June 2016 Compliance Order on Consent (Consent Order) as modified on February 27, 2017. The analytical data screening conducted for the enclosed PMRs is in accordance with the three-tier screening process required by Section IX of the Consent Order. These three annual PMRs are the first to use this process. Specifically, New Mexico Water Quality Control Commission groundwater standards, U.S. Environmental Protection Agency (EPA) maximum contaminant levels (MCLs), New Mexico Environment Department screening levels for tap water, and EPA regional screening levels for tap water are used to establish a set of "screening values" for evaluating Interim Facility-wide Groundwater Monitoring Plan data. The use of the phrase "screening values" to replace "screening levels" is new in the enclosed PMRs and was introduced to eliminate potential confusion with groundwater screening levels for tap water.

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@em.doe.gov).

Sincerely,

Bruce Robinson, Program Director
Environmental Remediation Program
Los Alamos National Laboratory

Sincerely,

David S. Rhodes, Director
Office of Quality and Regulatory Compliance
Los Alamos Environmental Management
Field Office

BR/DR/SP:sm

Enclosures: Two hard copies with electronic files:

- (1) Annual Periodic Monitoring Report for the Material Disposal Area C Monitoring Group (LA-UR-17-23551)
- (2) Annual Periodic Monitoring Report for the Technical Area 54 Monitoring Group (LA-UR-17-23550)
- (3) Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group (LA-UR-17-23441)

Cy: (w/electronic enc.)

Laurie King, EPA Region 6, Dallas, TX
Raymond Martinez, San Ildefonso Pueblo
Dino Chavarria, Santa Clara Pueblo
Steve Yanicak, NMED-DOE-OB, MS M894
emla.docs@em.doe.gov
Cheryl Rodriguez, DOE-EM-LA
Robert Cygnarowicz, ADEM ER Program
Steve Paris, ADEM ER Program
Public Reading Room (EPRR)
PRS Database
ADESH Records

Cy: (w/o enc./date-stamped letter emailed)

lasomailbox@nnsa.doe.gov
Karen Armijo, DOE-NA-LA
Peter Maggiore, DOE-NA-LA
Kimberly Davis Lebak, DOE-NA-LA
Hai Shen, DOE-EM-LA
David Rhodes, DOE-EM-LA
Randy Erickson, ADEM
Jocelyn Buckley, ADESH-EPC-CP
Mike Saladen, ADESH-EPC-CP
John Bretzke, ADESH-EPC-DO
Michael Brandt, ADESH
William Mairson, PADOPS
Craig Leasure, PADOPS