



*Associate Directorate for Environmental Management*

P.O. Box 1663, MS M992  
Los Alamos, New Mexico 87545  
(505) 606-2337



*Environmental Management*

P.O. Box 1663, MS M984  
Los Alamos, New Mexico 87545  
(505) 665-5658/FAX (505) 606-2132

Date: **AUG 29 2017**

Refer To: ADEM-17-0204

LAUR: on each PMR



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

**Subject: Annual Periodic Monitoring Reports for the Material Disposal Area AB and Technical Area 16 260 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 AB and Technical Area 16 260 monitoring groups for sampling campaigns performed during the third and fourth quarters of monitoring year 2016 and the first and second quarters of monitoring year 2017. These are the first PMRs for these monitoring groups prepared using the annual reporting format.

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 incorporates the three-tier screening process specified in Section XXVI.D of the Consent Order for review of groundwater monitoring data. These PMRs are the first for these two monitoring groups to use this process. Specifically, New Mexico Water Quality Control Commission groundwater standards, U.S. Environmental Protection Agency (EPA) maximum contaminant levels, 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.

If you have any questions, please contact Nita Patel at (505) 665-9273 (npatel@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/NP:sm

BR/DR/NP:sm

Enclosures: Two hard copies with electronic files:

- (1) Annual Periodic Monitoring Report for the Material Disposal Area AB Monitoring Group (LA-UR-17-27253)
- (2) Annual Periodic Monitoring Report for the Technical Area 16 260 Monitoring Group (LA-UR-17-27287)

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  
Nita Patel, ADEM ER Program  
Joe English, 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