

ERID-204880



IRM-RMMSO Official Correspondence Form

Name:	U1101365	
Title:	Approval with Modification Completion Report for Intermediate Test Well 2Ar LANL EPA ID NM0890010515 HWB-LANL-10-063	
Date Received:	8/3/2011	
Addressee Name:	M. Graham, ADEP	
Originator:	J. Kieling, NMED	
Action Item Description:		
Action Due Date:		
Responsible for Action:	Search	
Responsible Office:		
Distribution:	Michael J. Graham Isaac E. RichardsonIII C. A. Beard David J. McInroy Phoebe K. Suina William Z. Alexander Tina M. Sandoval Paul Henry	Charles F. McMillan Richard A. Marquez Deborah K. Woitte James C. Cantwell Anthony R. Grieggs Victoria A. George Scotty Jones





SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Phone (505) 476-6000 Fax (505) 476-6030
www.nmenv.state.nm.us



DAVE MARTIN
Secretary

RAJ SOLOMON, P.E.
Deputy Secretary

EP2011-5365

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

August 1, 2011

George J. Rael
Assistant Manager
U.S. Department of Energy
National Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Rd, MSA316
Los Alamos, NM 87544

Michael J. Graham
Associate Director Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATION
COMPLETION REPORT FOR INTERMEDIATE TEST WELL 2Ar
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-10-063**

Dear Messrs Rael and Graham:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and Los Alamos National Security, L.L.C.'s (collectively, the Permittees) document entitled *Completion Report for Intermediate Test Well 2Ar* (Report) dated July, 2010 and referenced by EP2010-0272. NMED hereby approves the Report with the following modification.

1. Section 7.2, Well Construction, third paragraph, page 6:

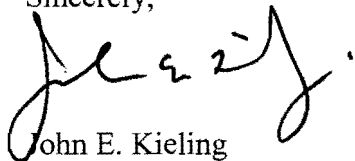
Due to the lack of adequate yield to the screened interval, the well casing, screen and annular fill material were removed from the borehole and reinstalled at a shallower depth. The removal of the well casing and screen, and subsequent bailing to remove the filter pack may have agitated the lower bentonite seal, possibly resulting in the bentonite migrating into the saturated interval where the

Messrs. Rael and Graham
August 1, 2011
Page 2

screen was ultimately placed. Therefore, in order to support the representativeness of groundwater samples collected from Test Well 2Ar, the Permittees must monitor water-quality and trace-element hydrochemistry during periodic monitoring with the objective of determining if water quality is affected by the presence of bentonite introduced during well construction.

No revision of the Report is necessary. The Permittees must specifically discuss the results of water quality sampling as those data relate to the presence of bentonite in the associated future Periodic Monitoring Reports. Please contact Michael Dale of my staff at (505) 661-2673 if you have questions.

Sincerely,



John E. Kieling
Acting Chief
Hazardous Waste Bureau

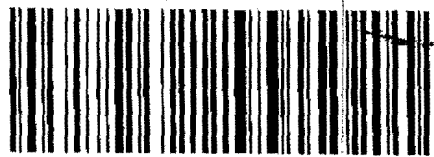
cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
J. Kulis, NMED HWB
M. Dale, NMED HWB
T. Skibitski, NMED DOE OB
S. Yanicak, NMED DOE OB, MS M894
B. Olson, NMED GWQB
L. King, EPA 6PD-N
M. Everett, EP-ET, MS M992
T. Ball, EP-CAP, MS M992
P. Maggiore, DOE-LASO, MS A316
H. Shen, DOE-LASO, MS A316

File: Reading and LANL 2011 – Test Well 2Ar Groundwater LANL-10-063

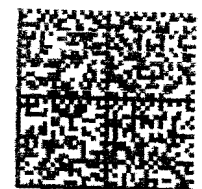
NAME Doreen Montoya
Z# 086365
DATE 8-3-11

CERTIFIED MAIL™

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous Waste Bureau
2906 Rodeo Park Drive East-Building 1
Santa Fe, New Mexico 87505



7010 1670 0000 8697 4956

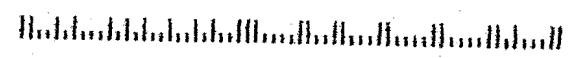


Hasler

016H26523547
\$05.590
08/02/2011
Mailed From 87505
US POSTAGE

Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Security, LLC
P.O. Box 1663, MS ~~M991~~ **A-150**
Los Alamos, NM 87544

8754440000 8500



11 AUG 8 PM 198:19