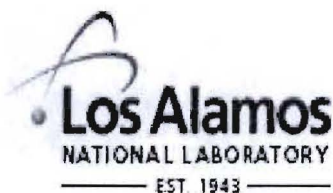


ERID-205221



IRM-RMMSO

Official Correspondence Form

Name:	U1101459
Title:	Approval with Modification Completion Report for Regional Aquifer Well R-53 Los Alamos National Laboratory EPA ID#NM0890010515 HWB-LANL-10-073
Date Received:	8/10/2011
Addressee Name:	Michael J. Graham, ADEP
Originator:	John E. Kieling, NMED, Santa Fe, New Mexico
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 Charles F. McMillan Richard A. Marquez Deborah K. Woitte James C. Cantwell Anthony R. Grieggs Paul Henry Scotty Jones Roland Knapp





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
Cabinet Secretary

RAJ SOLOMON, P.E.
Deputy Secretary

EP2011-5381

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

August 8, 2011

George J. Rael, Assistant Manager
Environmental Projects Office
Los Alamos Site Office, DOE
3747 West Jemez Rd, MS A316
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 MODIFICATIONS
COMPLETION REPORT FOR REGIONAL AQUIFER WELL R-53
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-10-073**

Dear Messrs Rael and Graham:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and the Los Alamos National Security (LANS), L.L.C.'s (collectively, the Permittees) document entitled *Completion Report for Regional Aquifer Well R-53* (Report) dated August 2010 and referenced by EP2010-0305. NMED hereby approves the Report with the following modifications.

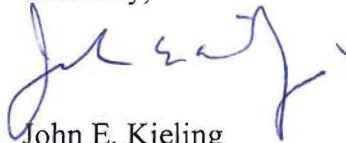
- 1. Section 8.1.1, Well Development Field Parameters, page 10, first paragraph:**
The Permittees collected field parameters without the use of a flow-through cell, allowing the samples to be exposed to the atmosphere. In the future, the Permittees must use a flow-through cell when measuring field parameters.
- 2. Appendix B, Section B-1.2.1, Well Development, page B-2:**
The Permittees state that field measurements of specific conductivity for the upper screen and turbidity for the lower screen are likely inaccurate due to suspected instrument malfunctions. In the future, either increase the frequency of calibration

Messrs. Rael and Graham
August 8, 2011
Page 2

checks for field instruments or measure field parameters simultaneously with two instruments in order to assure the accuracy of all measurements.

No revision of the Report is necessary. Should you have any questions or comments, please contact Jerzy Kulis at (505) 476-6039.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John E. Kieling', is written over the printed name.

John E. Kieling
Acting Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
M. Dale, NMED HWB
J. Kulis, NMED HWB
T. Skibitski, NMED DOE OB
S. Yanicak, NMED DOE OB, MS M894\
J. Schoeppner, NMED GWQB
L. King, EPA 6PD-N
P. Maggiore, DOE LASO, MS A316
D. Katzman, ENG-TECH, MS M992
H. Shen, DOE LASO, MS A316

State of New Mexico
Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Bldg. 1
Santa Fe, NM 87505

CERTIFIED MAIL™



7010 1670 0000 8697 6875



Hasler

016H26523547

\$05.590

08/09/2011

Mailed From 87505

US POSTAGE

Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Security, LLC
P.O. Box 1663, MS M991
Los Alamos, NM 87545 *A15D*

8754430600 8900



NAME: *Chen T...*
Z# *081956*
DATE *8/10/2011*

11 AUG 10 PM 1:41:26