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NMED  
Hazardous Waste Bureau

**Environmental Protection Division**  
**Environmental Compliance Programs (ENV-CP)**  
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**National Nuclear Security Administration**  
**Los Alamos Field Office, A316**  
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Los Alamos, New Mexico, 87545  
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Date: **AUG 07 2014**

Symbol: ENV-DO-14-0211

LAUR: 14-26003

Locates Action No.: N/A

Mr. John E. Kieling  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505

Dear Mr. Kieling:

**Subject: Transmittal of Historical Analytical Information Associated with Gypsum Cemented Waste**

The purpose of this letter is to transmit analytical data as requested by the New Mexico Environment Department (NMED) during a meeting held on July 18, 2014. Written submissions and twice weekly technical phone calls are conducted between the NMED; Los Alamos National Security, LLC (LANS); and the U.S. Department of Energy (DOE) as stipulated by the modified Administrative Order No. 5-19001 issued by the NMED. The enclosed document (Enclosure 1) fulfills the request made during a July 18, 2014, meeting tracked as Item # 27 of the *Summary Chart - Requested Information/Pending Issues* which is included as part of the written daily submissions to the NMED from the DOE and LANS, the Permittees.

Enclosure 1 (LA-UR-14-26003) consists of radiological and pH analytical data for four liquid samples. The samples were collected from liquid removed from waste containers of gypsum cemented waste.



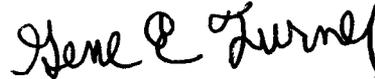
If you have comments or questions regarding this submittal, please contact Mark P. Haagenstad at (505) 665-2014 or Gene E. Turner at (505) 667-5794.

Sincerely,



Alison M. Dorries  
Division Leader  
Environmental Protection Division  
Los Alamos National Security LLC

Sincerely,



Gene E. Turner  
Environmental Permitting Manager  
Environmental Projects Office  
Los Alamos Field Office  
U.S. Department of Energy

AMD:GET:MPH:LVH/kt

Enclosures: (1) Analytical Data for Decanted Liquid from Cement Drums

Cy: Ryan Flynn, NMED, Santa Fe, NM, (E-File)  
Tom Blaine, NMED, Santa Fe, NM, (E-File)  
Steve Pullen, NMED/HWB, Santa Fe, NM, (E-File)  
Timothy Hall, NMED/HWB, Santa Fe, NM, (E-File)  
Trais Kliphuis, NMED, Santa Fe, NM, (E-File)  
Peter Maggione, NA-LA, (E-File)  
Lisa Cummings, NA-LA, (E-File)  
Gene E. Turner, NA-LA, (E-File)  
Eric L. Trujillo, NA-LA, (E-File)  
Kirsten Laskey, NA-LA, (E-File)  
Carl A. Beard, PADOPS, (E-File to [aosburn@lanl.gov](mailto:aosburn@lanl.gov))  
Michael T. Brandt, ADESH, (E-File)  
Alison M. Dorries, ENV-DO, (E-File)  
Jeffery D. Mousseau, ADEP, (E-File)  
Daniel R. Cox, ADEP, (E-File)  
Victoria A. George, REG-DO, (E-File)  
Deborah K. Woitte, LC-ESH, (E-File)  
Debra S. Nevergold, LTP, (E-File)  
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**June 1997**

**Radiological and pH Analytical Results**

**4 Samples of Decanted Liquid from Cement Drums**

**Sample Identification: 2073738**



ANALYTICAL CHEMISTRY REPORT

Sample Identification: 2073738-1

Date Reported: 06-24-1997

Submitting Group: NMT-7

Submitter: R. SALAZAR

Program: KF141000

Sample Matrix: ACID/WATER

Date Submitted: 06-24-1997

Volume: 1 liters

Submitter's Comments:

ANALYTICAL RESULTS

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Analytical Results	Analyst(s)
pH = 8 Activity = 4.98E-07 Ci/L (Total Counts: 62 ) (Background: 16 )	JNQ JNQ

Comments: This sample is below discard limits.

I certify that this sample contains no materials other than the matrix and volume indicated above. This is a representative sample of an individual solution storage device. Current SOPs were followed in the origination of this item and I believe it will meet approved discard limits.

\_\_\_\_\_  
Submitter's printed name and signature

\_\_\_\_\_  
Process Status

\_\_\_\_\_  
Supervisor's printed name and Group

\_\_\_\_\_  
liters  
H2O wash

\_\_\_\_\_  
NMT-7 LWM Inspector

Date \_\_\_/\_\_\_/\_\_\_

Time \_\_\_:\_\_\_ a.m.  
p.m.





ANALYTICAL CHEMISTRY REPORT

Sample Identification: 2073738-2

Date Reported: 06-24-1997

Submitting Group: NMT-7

Submitter: R. SALAZAR

Program: KF141000

Sample Matrix: ACID/WATER

Date Submitted: 06-24-1997

Volume: 1 liters

Submitter's Comments:

ANALYTICAL RESULTS

Analytical Results	Analyst(s)
pH = 8	JNQ
Activity = 4.65E-07 Ci/L	JNQ
(Total Counts: 65 )	
(Background: 22 )	

Comments: This sample is below discard limits.

I certify that this sample contains no materials other than the matrix and volume indicated above. This is a representative sample of an individual solution storage device. Current SOPs were followed in the origination of this item and I believe it will meet approved discard limits.

\_\_\_\_\_  
Submitter's printed name and signature

\_\_\_\_\_  
Process Status

\_\_\_\_\_  
Supervisor's printed name and Group

\_\_\_\_\_  
liters  
H2O wash

\_\_\_\_\_  
NMT-7 LWM Inspector

Date \_\_\_/\_\_\_/\_\_\_

Time \_\_\_:\_\_\_ a.m.  
p.m.