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NEW MEXICO  
ENVIRONMENT DEPARTMENT

*Hazardous Waste Bureau*

2905 Rodeo Park Drive East, Building 1

Santa Fe, New Mexico 87505-6303

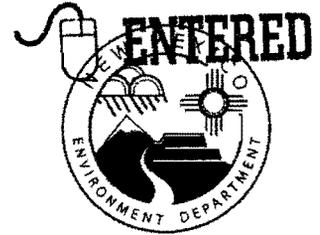
Phone (505) 476-6000 Fax (505) 476-6030

[www.nmenv.state.nm.us](http://www.nmenv.state.nm.us)



SUSANA MARTINEZ  
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JOHN A. SANCHEZ  
Lieutenant Governor



DAVE MARTIN  
Cabinet Secretary

RAJ SOLOMON, P.E.  
Deputy Secretary

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

March 9, 2011

George J. Rael, Assistant Manager  
Environmental Projects Office  
Los Alamos Site Office  
Department of Energy  
3747 West Jemez Road, MS A316  
Los Alamos, NM 87544

Michael Graham  
Associate Director Environmental Programs  
Los Alamos National Security, L.L.C.  
P.O. Box 1663, MS 991  
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATIONS  
DP WEST BUILDING 21-002 FOOTPRINT LETTER WORK PLAN  
LOS ALAMOS NATIONAL LABORATORY (LANL)  
EPA ID #NM0890010515  
HWB-LANL-11-002**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *DP West Building 21-002 Footprint Letter Work Plan* (Work Plan), dated January 2011 and referenced by LA-UR-11-0127/EP2011-0005. NMED has reviewed the Work Plan and hereby issues this Approval, with the following modifications:

- 1) Add a sampling location below the southernmost pipe trough (southern side of Room 213) in line with the "[u]nder the center of building 21-002 laboratories" sample locations (44-56) described on page 7 of the Work Plan.

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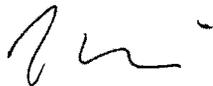


Messrs. Rael and Graham  
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- 2) NMED understands that the sump identified as Sump 21-81 in the Work Plan is the same sump identified in the 2009 *Investigation Work Plan for Delta Prime Site Aggregate Area Delayed Sites, Revision 1* (LA-UR-09-8180/EP2009-0660) as Sump 21-082. The Permittees stated that the sump will be designated Sump 21-082 in future reports. This discrepancy must be corrected in the June 2014 *Investigation Report for Consolidated Unit 21-022(b)-99, MDA T, and DP West Building Footprints* (Investigation Report).
- 3) Section 2.2 (Previous Investigations), page 4, states, "Field notes dated March 1980 depict an excavation area 20-ft wide (length or depth not indicated) near the end of the discharge pipe exiting room 218 (Figure 2.1-1; LANL 1980, 105952)." No discharge pipe exiting room 218 is depicted on Figure 2.1-1 or any other figure. It is unclear whether this statement refers to the discharge pipe from the nitric acid tank outside of room 218, or to a separate discharge pipe originating from room 218. Clarify this issue in the Investigation Report.

The Investigation Report is due by **June 19, 2014**. Please contact Ben Wear at (505) 476-6041 should you have any questions.

Sincerely,



James P. Bearzi  
Chief  
Hazardous Waste Bureau

cc: R. Solomon, Acting Director, NMED WWMD  
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