



Environmental Protection Division
 Water Quality & RCRA Group (ENV-RCRA)
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National Nuclear Security Administrations
 Los Alamos Site Office, A316
 3747 West Jemez Road
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 (505) 667-5794/FAX (505)667-5948

Date: **DEC 19 2012**
Refer To: ENV-RCRA-12-0269
LAUR: 12-26905

Mr. John E. Kieling
 Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6313

Dear Mr. Kieling:

**SUBJECT: DEMOLITION NOTIFICATION FOR QUARTER ENDING MARCH 30, 2013
 AND RESPONSE TO LETTER HWB-LANL-12-MISC DATED DECEMBER 7,
 2012**

The United States Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) (collectively the Permittees) have received your letter referenced above in response to our submittal of an *Expedited Demolition Notification for Structures at Technical Area 54* dated November 14, 2012. The expedited notification follows and adds to *Demolition Notification for Quarter Ending December 31, 2012 and Fiscal Year 2013*, that was submitted by the Permittees on September 13, 2012. Reporting for Fiscal Year (FY) 2014 as referenced in the letter received by the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) has not been completed and the list of buildings in Enclosure 1 will be funded for demolition in FY 2013 not FY 2014. The buildings included within the expedited notification were submitted on November 14, 2013 because the next quarterly report deadline (December 31, 2012) would preclude the buildings from demolition within the quarter ending March 30, 2013.

Enclosure 1 (Demolition Reporting Quarter Ending March 30, 2013 List of Buildings and Attachment of Hazardous Materials Description) includes a description of the buildings or fixed structures scheduled for demolition, the associated hazards (if any) for buildings or fixed

structures and a listing of the hazardous materials that may be present in buildings as required by Permit Section 1.17.1. As requested by the NMED-HWB, a list of references for the solid waste management units (SWMUs) and Areas of Concern (AOCs) within 50 ft. of the footprint of the building proposed for demolition has been included as Enclosure 2.

The Permittees are aware that the NMED-HWB requested that copies of certain references be provided, however this information is not required under the conditions of Section 1.17 of the Permit and such a submittal would be provided voluntarily. The Permittees are requesting that NMED-HWB provide additional guidance regarding the information considered "relevant" to minimize the use of resources for potentially open-ended or on-going remediation projects and to guarantee that future demolition notice submittals are considered complete. The submittal of extensive supporting documentation for each project has the potential to result in burdensome and potentially irrelevant or duplicative information. The Permittees have provided supporting documentation (Enclosure 2) to meet the request for this transmittal.

The Permittees understand that investigations may not be complete at the Solid Waste Management Units (SWMUs) identified in the demolition notification. The Permittees will ensure that the sampling locations and depths proposed in the approved work plans will not be affected by these activities. Should inadvertent impacts occur on the SWMUs where the investigation is not complete, demolition activities will be documented so that the impact on the SWMUs can be identified and evaluated.

Pursuant to Section 1.17.3 of the Los Alamos Laboratory Hazardous Waste Permit, should a demolition report be prepared for any of the buildings included herein, the Permittees will provide a copy of such report to the NMED-HWB within 30 days after the final report is written.

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

Sincerely,



Terrill W. Lemke
Group Leader, (Acting)
Water Quality & RCRA Group (ENV-RCRA)

Sincerely,



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

Mr. John E. Kieling
ENV-RCRA-12-0269

- 3 -

MTS:GET:CJ/lm

Enclosures:

1. Demolition Reporting Quarter Ending March 30, 2013 (January 1, 2013 through March 30, 2013)
2. References for Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs)

Cy: Laurie King, USEPA/Region 6, Dallas TX, w/enc.
Pete Maggiore, LASO-EPO, w/enc., (E-File)
Gene E. Turner, LASO-EPO, w/enc., (E-File)
Carl A. Beard, PADOPS, w/o enc., A102
Michael T. Brandt, ADESH, w/o enc., (E-File)
Alison M. Dorries, ENV-DO, w/o enc., (E-File)
Mark P. Haagenstad, ENV-RCRA, w/o enc., (E-File)
Catherine L. Juarez, ENV-RCRA, w/enc., (E-File)
Patricia Gallagher, ENV-ES, w/enc., (E-File)
Jim Jones, ADMP, w/enc., (E-File)
Ken Schlindwein, OI-PO, w/enc., (E-File)
Janet Harry, OI-PO, w/enc., (E-File)
Darrik Stafford, PF-DO, w/enc., E-File)
Ian Albright, MOF-PM9 w/enc., (E-file)
IRM-RMMSO File, w/enc., (E-File)
ENV-RCRA Correspondence File, w/enc., K490

Document: Demolition Notification Quarter
Ending March 30, 2013

Date: December 2012

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Terrill W. Lemke
Group Leader, (Acting)
Water Quality & RCRA Group
Environmental Protection Division
Los Alamos National Laboratory



Date Signed



Gene E. Turner
Los Alamos Site Office
National Nuclear Security Administration
U.S. Department of Energy
Owner/Operator



Date Signed

ENCLOSURE 1

**Demolition Reporting Quarter Ending March 30, 2013 (January 1, 2013 through
March 30, 2013) List of Buildings and Attachment of Hazardous Material
Description**

ENV-RCRA-12-0269

LAUR-12-26905

Date: DEC 19 2012

**Demolition Notification - January 1, 2013 through March 30, 2013
List of Buildings and Attachment of Hazardous Material Descriptions**

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) w/in 50 ft. of Footprint (1.17.1(4))	Category/ Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))
03-0460	Office	1979-Present	03-050(f)	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
03-0461	Office	1980-Present	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
03-0467	Office	1983-Present	03-050(f)	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
03-0469	Office	1980-Present	None	ACM -Potential ACM containing flooring and/or roofing materials	1st Quarter 2013

ACM= ACM Containing Material
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VOC= Volatile Organic Carbon
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03-0471	Office	1983-Present	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
03-0472	Office	1983-Present	03-001(g)	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
03-0473	Office	1983-Present	03-001(g), 03-056(j)	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
03-1572	Office	1985-Present	03-009(d)	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
03-1596	Office	1986-Present	03-050(f)	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013

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03-1702	Office	1986-Present	03-050(f)	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
46-0036	Storage	1957-2010	46-006(f), 46-007	VOC, SVOC, PCB, ACM, Be, Pb, Hg- Programmatic materials were once stored in this structure. Materials have been removed	1st Quarter 2013
46-0182	Office	1979-Present	46-006(f), 46-007	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
48-0213	Office	2002-Present	48-001	None	1st Quarter 2013
53-0673	Storage	1989-Present	None	None	1st Quarter 2013
54-0022	Office	1987-Present	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013

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54-0037	Office	1987-Present	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0051	Office	1988-Present	None	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0052	Storage	1988-Present	None	None	1st Quarter 2013
54-0060	Office	1989-Present	None	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0064	Office	1989-Present	None	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0083	Office	1989-Present	None	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013

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54-0084	Office	1989-Present	None	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0161	Storage	1991-Present	None	None	1st Quarter 2013
54-0174	Storage	1991-Present	None	None	1st Quarter 2013
54-0175	Storage	1991-Present	None	None	1st Quarter 2013
54-0176	Storage	1991-Present	None	None	1st Quarter 2013
54-0240	Storage	1989-Present	None	None	1st Quarter 2013
54-0244	Office	1993-Present	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0245	Office	1993-Present	None	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013

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54-0246	Office	1993-Present	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0247	Office	1993-Present	None	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0275	Muster Station	1998-Present	None	None	1st Quarter 2013
54-0290	Office	1994-Present	None	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-0296	Service Building	1997-2010	54-017	None	1st Quarter 2013
54-0320	Weigh Station	1996-1996	None	None	1st Quarter 2013
54-0322	Storage	1996-Present	None	None	1st Quarter 2013
54-0354	Storage	1998-Present	None	None	1st Quarter 2013

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54-0370	Chemical Storage	1998-Present	None	VOC, SVOC, PCB, ACM, Be, Pb, Hg - Programmatic materials were once stored in this structure. Materials have been removed	1st Quarter 2013
54-0403	Storage	1999-Present	None	None	1st Quarter 2013
54-0405	Storage	1999-Present	None	None	1st Quarter 2013
54-0464	Office/Storage	2002-Present	None	None	1st Quarter 2013
54-0473	Storage	2002-Present	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-1050	Office	1995-Present	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
54-1057	Gym	1996-Present	None	None	1st Quarter 2013

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55-0009	Guard station	1975-2011	None	ACM- Roofing and ducting mastics, sheet siding, floors and caulking	1st Quarter 2013
55-0022	Building 55-22 is the current vehicle Entry Control Facility into the protected area and is attached to Building 55-9.	1975-2011	None	ACM- Roofing materials	1st Quarter 2013
54-0064	Office	1989-Present	None	ACM –Flooring materials	1st Quarter 2013
54-0368	Storage	1988-Present	None	None	1st Quarter 2013
54-0434	Office	2001-Present	None	None	1st Quarter 2013
54-1051	Office	1995-Present	None	None	1st Quarter 2013
54-1052	Storage	1995-Present	54-014(a), 54-015(i)	None	1st Quarter 2013

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55-07	Storage and Staff Shop	1975 to present	55-002(b)	ACM - Potential ACM containing flooring and/or roofing materials	1st Quarter 2013
55-09	Personnel Entry Control Facility	1975-2012	None	ACM- Potential ACM containing flooring and/or roofing materials	1st Quarter 2013

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ENCLOSURE 2

**References for Solid Waste Management Units (SWMUs) and Areas of Concern
(AOCs)**

ENV-RCRA-12-0269

LAUR-12-26905

Date: DEC 19 2012

References to Solid Waste Management Units (SWMUs)/Areas of Concern (AOCs) within 50 ft. of Footprint for Demolition Reporting January 1, 2013 through March 30, 2013

SWMU	Reference
03-050(f)	Investigation Work Plan for Two-mile Canyon Aggregate Area, Revision 1, LA-UR 10-2899, LANL, May 2010.
03-001(g)	Addendum 1 to Work Plan for Operable Unit (OU) 1114, July 1995.
03-056(j)	Addendum 1 to Work Plan for Operable Unit (OU) 1114, July 1995.
03-009(d)	Submittal of the Federal Facility Compliance Agreement Docket No. CWA-06-2005-1701, and Administrative Order Docket No. CWA-06-2007-1716 at LANL, Permit Application No. NM0030759, Quarterly Status Report (October 1, 2007, to December 31, 2007), LA-UR 08-1072, March 2008.
46-006(f)	Phase II Investigation Work Plan for Upper Canada del Buey Aggregate Area, LA-UR 11-6363, November 2011.
46-007	Phase II Investigation Work Plan for Upper Canada del Buey Aggregate Area, LA-UR 11-6363, November 2011.
48-001	Phase II Investigation Work Plan for Upper Mortandad Canyon Aggregate Area, Revision 1, LA-UR 11-2486, May 2011
54-017	Periodic Monitoring Report for TA 54 Monitoring Group, October 20 - November 4, 2011, LA-UR 12-21145, May 2012.
54-014(a)	Submittal of the Periodic Monitoring Report for Vapor-Sampling Activities at MDA L, TA-54, for FY 2008, LA-UR 09-0516, January 2009.
54-015(i)	Modification to RFI Work Plan for Operable Unit (OU) 1148, Field Unit 5, July 1996.
55-002(b)	Phase II Investigation Work Plan for Upper Mortandad Canyon Aggregate Area, Revision 1, LA-UR 11-2486, May 2011.

COPY



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