



SUSANA MARTINEZ  
Governor

JOHN A. SANCHEZ  
Lieutenant Governor

NEW MEXICO  
ENVIRONMENT DEPARTMENT

*Hazardous Waste Bureau*

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RYAN FLYNN  
Cabinet Secretary-Designate

BUTCH TONGATE  
Deputy Secretary

TOM BLAINE, P.E.  
Director  
Environmental Health Division  
EP2014-5046

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

February 7, 2014

William I. White, Acting Manager  
Los Alamos Field Office  
Department of Energy  
3747 West Jemez Rd, MS A316  
Los Alamos, NM 87544

Robert Dodge, Division Leader  
Waste Management Division  
Los Alamos National Security, L.L.C.  
P.O. Box 1663, MS K491  
Los Alamos, NM 87545

**RE: ADMINISTRATIVE COMPLETENESS AND FEE ASSESSMENT  
APPROVAL WITH MODIFICATION  
REQUEST FOR A CLASS I PERMIT MODIFICATION TO THE LOS ALAMOS  
NATIONAL LABORATORY HAZARDOUS WASTE FACILITY PERMIT,  
ATTACHMENT K  
LOS ALAMOS NATIONAL LABORATORY  
EPA ID#NM0890010515  
HWB-LANL-13-027**

Dear Messrs. White and Dodge:

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) *Request for a Class I Permit Modification to the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit, Attachment K EPA ID No. NM0890010515*, dated May 2013 and referenced by LA-UR-13-22880 (Request). The Request proposed the addition of Pit 38 and Pit 39 to Attachment K of the Permit as Areas of Concern (AOCs). NMED has reviewed the Permittees' Request and hereby approves this request and deems it administratively complete with the following modifications:

**1. Pit 38**

The Pit 38 is designated as a solid waste management unit (SWMU) as outlined in NMED's January 11, 2013 letter titled *Response to Solid Waste Management Unit Assessment Report for the Pit 38 Newly Identified Area of Concern*. This letter specifically states, "[t]he Report indicates that mixed low level waste was disposed of in Pit 38 in 1996. More recent disposal of decontamination water containing hazardous constituents has also been documented by the Permittees (LA-UR-12-23557). This disposal is considered to be systematic; therefore, Pit 38 meets the definition of a Solid Waste Management Unit (SWMU) as defined in the March 1, 2005 Consent Order and the current Facility Hazardous Waste Permit. The Permittees must submit a Permit Modification Request to add Pit 38 to the list of SWMUs no later than May 10, 2013. No further investigation or remediation outside of the remedy selected through the Corrective Measures Evaluation process is required."

**2. Pit 39**

Pit 39 is also designated as a SWMU. The Permittees' March 28, 2013 *Solid Waste Management Unit Assessment Report for the Pit 39 Newly Identified Area of Concern* indicates that mixed low level waste was disposed of in Pit 39 on two separate occasions in 1997. This disposal is considered to be systematic; therefore, Pit 39 meets the definition of a SWMU as defined in the Permittees' current Facility Hazardous Waste Permit. No further investigation or remediation outside of the remedy selected through the Corrective Measures Evaluation process is required.

Pit 38 (SWMU 54-023) and Pit 39 (SWMU 54-024) has been added to Attachment K Table K-1, *SWMUs and AOCs Requiring Corrective Action*, of Attachment K, *Listing of SWMUs and AOCs*. The revised version of the relevant page of Table K-1 incorporating the modifications is attached.

The modifications identified above were put into effect as requested by the Permittees and modified by NMED under the conditions specified in 20.4.1.900 NMAC (incorporating 40 CFR §270.42(a)(1)). NMED has incorporated these Class 1 modifications into the LANL Permit.

The New Mexico Hazardous Waste Permit and Corrective Action Fee Regulations, 20.4.2.201.B(2)(b) NMAC require the assessment of fees. The fee invoice for the Class 1 Permit Modification Request, is attached to this letter.

Payment is due within sixty (60) calendar days from the date that you receive the invoices in accordance with 20.4.2.301.C NMAC. If you disagree with the fees assessed, you may notify the NMED in writing, at the address above, of the intent to appeal the invoice under the provisions of 20.4.2.302.A NMAC.

If payment is by check, then you must provide the invoice number on the check. If payment is transmitted electronically, then you must submit a letter to Mr. James Valdez, NMED Hazardous Waste Bureau, indicating the invoice number, payment amount, and the assessed activity prior to transferring funds.

Messrs. White and Dodge  
February 7, 2014  
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If you have any questions regarding this correspondence, please contact Ben Wear of my staff at 505-476-6041.

Sincerely,



Dave Cobrain  
Program Manager  
Hazardous Waste Bureau

cc: N. Dhawan, NMED HWB  
B. Wear, NMED HWB  
S. Yanicak, NMED DOE OB, MS M894  
L. King, EPA 6PD-N  
G. Beausoleil, LASO, MS A316  
M. Haagenstad, ENV-RCRA, MS K404  
G. Turner, EPO, MS A316

File: Reading and LANL 2014, TA-54, MDA G

**Table K-1**

**SWMUs and AOCs Requiring Corrective Action**

AOC	54-007(d)	Former Septic system (includes SWMU 54-007(misc))
AOC	54-012(a)	Former drum compactor
SWMU	54-012(b)	Drum crusher
SWMU	54-013(b)	Vehicle Monitoring/Decontamination area (MDA G)
AOC	54-014(a)	Storage Shafts at MDA L
SWMU	54-014(b)	Pit 9 (MDA G)
SWMU	54-014(c)	Shafts 200-233 (MDA G)
SWMU	54-014(d)	Storage trenches A, B, C, and D (MDA G)
AOC	54-015(b)	Storage Area
SWMU	54-015(k)	Layer of TRU waste
AOC	54-016(b)	Sump
SWMU	54-017	Disposal Pits (MDA G)
SWMU	54-018	Disposal Pits (MDA G)
SWMU	54-019	Disposal Pits (MDA G)
SWMU	54-020	Disposal Shafts MDA G
<u>SWMU</u>	<u>54-023</u>	<u>Disposal Pit 38 (MDA G)</u>
<u>SWMU</u>	<u>54-024</u>	<u>Disposal Pit 39 (MDA G)</u>
<b>TA-55</b>		
SWMU	55-008	Sumps and tanks
<b>TA-57</b>		
AOC	57-001(b)	Former Settling ponds
AOC	57-001(c)	Former Settling ponds
AOC	57-002	Sludge pit
AOC	57-004(a)	Former Settling ponds
AOC	57-004(b)	Former Settling ponds
AOC	57-006	Former Drum and contents
AOC	57-007	Leach field
<b>TA-59</b>		
AOC	59-004	Outfall from Building 59-1
AOC	C-59-001	Transformer
<b>TA-60</b>		
SWMU	60-002	Storage area
AOC	60-004(b)	Storage area
AOC	60-004(c)	Storage area
AOC	60-004(d)	Storage area
AOC	60-004(e)	Storage area
AOC	60-004(f)	Storage area
SWMU	60-005(a)	Surface impoundment
SWMU	60-006(a)	Septic Ssystem
SWMU	60-007(a)	Operational Release
SWMU	60-007(b)	Operational Release
<b>TA-61</b>		
SWMU	61-002	Transformer storage area



**New Mexico  
Environment Department  
Hazardous Waste Bureau**

Los Alamos National Lab  
P O Box 1663  
MS-M992  
Los Alamos, NM 87545  
Attn: Cindy Maze

February 7, 2014

Invoice # - HWB-LANL-13-027

Request for a Class 1 Permit Modification for the Los Alamos National laboratory (LANL)  
Hazardous Waste Facility Permit, Attachment K EPA ID No. NM0890010515, May 2013

Quantity	Item	Item Cost	Total Cost
1	Class 1 (with prior approval)	\$2,500.00	\$2,500.00
		<b>Total Fees</b>	\$2,500.00
		<b>Adjustment</b>	\$0.00
		<b>Pay This Amount</b>	<b>\$2,500.00</b>

**Make Checks Payable to: NMED/HWB**

**Mail Checks and Invoice to:**

New Mexico Environment Department, HWB  
Attn: James Valdez  
2905 Rodeo Park Drive East, Bldg 1  
Santa Fe, NM 87505

State of New Mexico Use Only:

Date Received: \_\_\_\_\_  
Check Number: \_\_\_\_\_  
Amount Received: \_\_\_\_\_