



Environmental Stewardship Division
Meteorology and Air Quality Group
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Date: May 2, 2006
Refer to: ENV-MAQ:06-116

Mr. Edward Horst, Environmental Compliance Specialist
Compliance & Enforcement Section
New Mexico Environmental Department
Air Quality Bureau
2048 Galisteo Street
Santa Fe, NM 87505

**IDEA ID NO. 856 – LOS ALAMOS NATIONAL LABORATORY 2005 & 2006
ANNUAL FIRE ACTIVITY REPORT**

Dear Mr. Horst:

Enclosed is Los Alamos National Laboratory's (LANL) Annual Fire Activity Report for calendar year 2005 and 2006. This report is a requirement in our open burn permits TA-11-OB-2003, TA-14-OB-2003, TA-16-OB-2003 (as modified by NMED letter dated March 18, 2003), and TA-36-OB-2003, which were issued on December 27, 2002. NMED cancelled these permits on March 6, 2006, at LANL's request.

We have listed permit conditions in the Fire Activity Report and have included a summary for TA-16-OB-2003 for 2005 and 2006. In 2005 and 2006, LANL did not conduct open burning under permits TA-11-OB-2003, TA-14-OB-2003, and TA-36-OB-2003. Also attached is a summary of LANL's notifications to NMED during 2005 and 2006. During the week of December 19, 2005, LANL notified NMED first that burns were scheduled then that no burns were scheduled. However, two burns were conducted, and NMED was verbally notified on 12/21/2005. From the report summary for TA-16-OB-2003, LANL is in compliance with all terms and conditions.

If you have any questions concerning this report, please contact Steve Story at (505) 665-2169 or Harold Martinez at (505) 665-8863.

Sincerely,

Dianne Wilburn
Meteorology and Air Quality Acting Group Leader
Environmental Stewardship Division



Mr. Edward Horst
ENV-MAQ:06-116
LA-UR-06-3179

-2-

May 2, 2006

DW:alb

Enc: a/s

Cy:

S. Fong, DOE/LAAO, A316
K. Hargis, ENV-DO, J591
D. Stavert, ENV-DO, J591
S. Story, ENV-MAQ, J978
J. Hurtle, ENV-MAQ, J978
M. Stockton, ENV-MAQ, J978
A. Sherrard, ESA-WOI, C924
D. Macdonell, ESA-WOI, C928
M. Clay, DX-TSO, C925
F. Sisneros, DX-TSO, C925
P. Wardwell, LC-ESH, A187
ENV-MAQ Open Burn Log File
ENV-MAQ File

TA-16 Burn Log (2005)

Flash Pad - HE Contaminated Combustible Solids					
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)	Fire Starter	
05/02/2005	30	HE Contaminated Combustibles	75	Propane	
05/03/2005	30		50		
07/18/2005	80		75		
07/20/2005	37		23		
09/09/2005	75		100		
10/13/2005	47		5.5		
10/17/2005	56		110		
11/14/2005	32		10		
12/06/2005	35		55		
12/21/2005	20		25		
-- last entry					
Total Weight of Fuel in Pounds:			528.5		

Flash Pad - Non-RCRA Scrap Metal					
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)	Fire Starter	
08/23/2005	75	HE on Non-RCRA Scrap Metal	0.02	Propane	
08/24/2005	60		0.02		
08/26/2005	87		0.02		
12/22/2005	20		0.02		
-- last entry					
Total Weight of Fuel in Pounds:			0.08		

Flash Pad - HE Scrap					
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)**	Fire Starter	
04/27/2005	0.5	HE Scrap (Wet or Dry) **quantity includes total waste, not just HE	96	Propane	
04/28/2005	0.5		122		
05/10/2005	0.5		1		
05/19/2005	0.5		70		
06/27/2005	1		140		
06/28/2005	100		100		
08/01/2005	96		180		
08/09/2005	40		45		
08/11/2005	130		150		
08/18/2005	30		198		
08/30/2005	30/25		70		
08/31/2005	30/40/50		180		
09/08/2005	60/65		200		
09/14/2005	93		114		
09/15/2005	100		114		
09/27/2005	30		178		
10/05/2005	41		210		
10/12/2005	49		275		
10/25/2005	47		50		
10/27/2005	61		30		
11/07/2005	31		75		
11/14/2005	32		30		
11/15/2005	44		142		
11/17/2005	35	27			
12/22/2005	20	15			
-- last entry					
Total Weight of Fuel in Pounds:			2812		

Flash Pad - HE Contaminated Solvents				
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (Gallons)	Fire Starter
-- none --		Solvents		Propane
Total Weight of Fuel in Pounds:			0	

TA-16 Annual Totals:	
Date	Amount (gal.)
Propane Deliveries:	-- none --
Propane Total:	0 Gallons
HE**	2812.08 Pounds
HE Contaminated Combustibles:	528.5 Pounds
Oil/Solvent	0 Gallons
Permit Conditions (Annual):	
Propane:	20,000 Gallons
HE:	21,000 Pounds
Contaminated Combustibles:	5,200 Pounds
Oil/Solvents:	1,000 Gallons

TA-16 Burn Log (2006)

Flash Pad - HE Contaminated Combustible Solids					
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)	Fire Starter	
01/19/2006	65	HE Contaminated Combustibles	96.7	Propane	
-- last entry					
Total Weight of Fuel in Pounds:			96.7		

Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)	Fire Starter	
-- none --		Scrap Metal		Propane	
Total Weight of Fuel in Pounds:			0		

Flash Pad - HE Scrap					
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)	Fire Starter	
01/09/2006	75	HE Scrap	97	Propane	
01/11/2006	60		77.6		
01/12/2006	37		109.5		
01/18/2006	75		93.5		
02/08/2006	37		57		
-- last entry					
Total Weight of Fuel in Pounds:			434.6		

Flash Pad - HE Contaminated Solvents					
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (Gallons)	Fire Starter	
-- none --		Solvents		Propane	
Total Weight of Fuel in Pounds:			0		

TA-16 Annual Totals:		
	Date	Amount (gal.)
Propane Deliveries:		-- none --
Propane Total:		0 Gallons
HE Scrap:		434.6 Pounds
HE Contaminated Combustibles:		96.7 Pounds
Oil/Solvent		0 Gallons
Permit Conditions (Annual):		
Propane:		20,000 Gallons
HE:		21,000 Pounds
Contaminated Combustibles:		5,200 Pounds
Oil/Solvents:		1,000 Gallons

Notification Date	Week of:	Date of Burn(s)
No Burns Conducted	1/1/2005 - 4/26/2005	
04/26/2005	04/25/2005	04/27/2005
		04/28/2005
04/29/2005	05/02/2005	05/02/2005
		05/03/2005
05/03/2005	05/09/2005	05/10/2005
05/12/2006	05/16/2005	05/19/2005
05/20/2005	05/23/2005	Notification Submitted -- No Burns Conducted
05/26/2005	05/30/2005	Notification Submitted -- No Burns Conducted
06/02/2005	06/06/2005	Notification Submitted -- No Burns Conducted
06/08/2005	06/13/2005	Notification Submitted -- No Burns Conducted
06/16/2005	06/20/2005	Notification Submitted -- No Burns Conducted
06/22/2005	06/27/2005	06/27/2005
		06/28/2005
06/30/2005	07/04/2005	Notification Submitted -- No Burns Conducted
07/11/2005	07/11/2005	Notification Submitted -- No Burns Conducted
07/14/2005	07/18/2005	07/18/2005
		07/20/2005
07/21/2005	07/25/2005	Notification Submitted -- No Burns Conducted
07/27/2005	08/01/2005	08/01/2005
08/02/2005	08/08/2005	08/09/2005
		08/11/2005
08/08/2005	08/15/2005	08/18/2005
08/18/2005	08/22/2005	08/23/2005
		08/24/2005
		08/26/2005
08/24/2005	08/29/2005	08/30/2005
		08/31/2005
08/31/2005	09/05/2005	09/08/2005
		09/09/2005
09/07/2005	09/12/2005	09/14/2005
		09/15/2005
09/15/2005	09/19/2005	Notification Submitted -- No Burns Conducted
09/22/2005	09/26/2005	09/27/2005
09/29/2005	10/03/2005	10/05/2005
10/04/2005	10/10/2005	10/12/2005
		10/13/2005
10/12/2005	10/17/2005	10/17/2005
10/19/2005	10/24/2005	10/25/2005
		10/27/2005
10/27/2005	10/31/2005	No Burns Scheduled
11/03/2005	11/07/2005	11/07/2005
11/09/2005	11/14/2005	11/14/2005
		11/15/2005
		11/17/2005
11/16/2005	11/21/2005	Notification Submitted -- No Burns Conducted
11/21/2005	11/28/2005	Notification Submitted -- No Burns Conducted
11/30/2005	12/05/2005	12/06/2005
12/08/2005	12/12/2005	Notification Submitted -- No Burns Conducted
12/15/2005	12/19/2005	Notification Submitted

Notification Date	Week of:	Date of Burn(s)
12/19/2005	12/19/2005	Notification That No Burns Scheduled
		12/21/2005 -- Verbal Notification
		12/22/2005
	12/26/2005	LANL Closed -- No Burns Scheduled

TA-16 Burn Log (2006)

Flash Pad - HE Contaminated Combustible Solids				
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)	Fire Starter
1/19/2006	65	HE Contaminated Combustibles	96.7	Propane
-- last entry				
Total Weight of Fuel in Pounds:			96.7	

Flash Pad - HE Scrap				
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)	Fire Starter
1/9/2006	75		97	Propane
1/11/2006	60		77.6	
1/12/2006	37		109.5	
1/18/2006	75		93.5	
2/8/2006	37		57	
-- last entry				
Total Weight of Fuel in Pounds:			434.6	

Flash Pad - Non-RCRA Scrap Metal				
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (lbs)	Fire Starter
-- none --		Scrap Metal		Propane
Total Weight of Fuel in Pounds:			0	

Flash Pad - HE Contaminated Solvents				
Date of Burn	Burn Duration (min)	Fuel Type	Fuel Quantity (Gallons)	Fire Starter
-- none --		Solvents		Propane
Total Weight of Fuel in Pounds:			0	

TA-16 Annual Totals:	
	Date Amount (gal.)
Propane Deliveries:	-- none --
Propane Total:	0 Gallons
HE Scrap:	434.6 Pounds
HE Contaminated Combustibles:	96.7 Pounds
Oil/Solvent	0 Gallons
Permit Conditions (Annual):	
Propane:	20,000 Gallons
HE:	21,000 Pounds
Contaminated Combustibles:	5,200 Pounds
Oil/Solvents:	1,000 Gallons

Reviewed By/Date: *HM* 5-31-06
 TA-16 Burn Log 2006.xls

Calender Year 2006		
Notification Date	Week of:	Date of Burn(s)
	01/02/2006	No Burns Scheduled
01/04/2006	01/09/2006	01/09/2006
		01/11/2006
		01/12/2006
01/10/2006	01/16/2006	01/18/2006
		01/19/2006
01/18/2006	01/23/2006	Notification Submitted -- No Burns Conducted
01/25/2006	01/30/2006	Notification Submitted -- No Burns Conducted
02/01/2006	02/06/2006	02/08/2006
02/09/2006	02/13/2006	Notification Submitted -- No Burns Conducted
02/16/2006	02/20/2006	Notification Submitted -- No Burns Conducted
02/23/2006	02/27/2006	Notification Submitted -- No Burns Conducted
03/01/2006	03/06/2006	Notification Submitted -- No Burns Conducted
03/07/2006	03/13/2006	March 6, 2006 -- Permits Cancelled

Calender Year 2006		
Notification Date	Week of:	Date of Burn(s)
	01/02/2006	No Burns Scheduled
01/04/2006	01/09/2006	01/09/2006
		01/11/2006
		01/12/2006
01/10/2006	01/16/2006	01/18/2006
		01/19/2006
01/18/2006	01/23/2006	Notification Submitted -- No Burns Conducted
01/25/2006	01/30/2006	Notification Submitted -- No Burns Conducted
02/01/2006	02/06/2006	02/08/2006
02/09/2006	02/13/2006	Notification Submitted -- No Burns Conducted
02/16/2006	02/20/2006	Notification Submitted -- No Burns Conducted
02/23/2006	02/27/2006	Notification Submitted -- No Burns Conducted
03/01/2006	03/06/2006	Notification Submitted -- No Burns Conducted
03/07/2006	03/13/2006	March 6, 2006 -- Permits Cancelled