

FIRE ACTIVITY OPEN BURN LOG FOR CALENDER YEAR 2003
LA-UR:04-0736

ALL OPERATIONS UNDER PERMITS;
TA-11-OB-2003, TA-14-OB-2003, TA-16-OB-2003, TA-36-OB-2003

TECHNICAL AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
TA-11	<i>Fuel and Wood Fire Testing</i>	No Burns				
	Annual Summary:	No Burns in 2003				
	Permit Conditions:	<ul style="list-style-type: none"> - maximum of 5 fuel fire and 5 wood fire burns annually - 2000 lbs per burn / 10,000 lbs per year of wood - 800 gals per burn / 4,000 gals per year of Jet A or Diesel - 100 lbs per burn / 1,000 lbs per year of HE - 88 lbs per burn / 880 lbs per year of DU - ½ gal per burn / 2.5 gal per year of starter fluid 				
TA-14	<i>Burn Cage -- HE Contaminated Waste</i>	<i>Feb. 12, 2003</i>	<i>1-Hour</i>	<i>HE Contaminated Combustibles</i>	<i>22 lbs.</i>	<i>½ gals. Kerosene</i>
		<i>Mar. 19, 2003</i>	"	"	<i>31.25 lbs.</i>	"
		<i>Aug. 04, 2003</i>	"	"	<i>44 lbs.</i>	"
		<i>Aug. 05, 2003</i>	"	"	<i>49 lbs.</i>	"
		<i>Aug. 06, 2003</i>	"	"	<i>37 lbs.</i>	"
		Total:				183.25 lbs
Annual Summary:	<ul style="list-style-type: none"> - Number of Burns: 5 burns - Lbs of HE Contaminated Combustibles: 183.25 lbs total (≤ 50 lbs/burn) 					
Permit Conditions	<ul style="list-style-type: none"> - 18 burns per year - 50 lbs of HE contaminated combustibles per burn - ½ gal starter fluid per burn 					

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TA-16	Flash Pad -- HE Contaminated Combustible Waste	Jan. 13, 2003	½ Hour	HE Contaminated Combustible Solids	50 lbs.	Propane		
		Jan. 14, 2003	"	"	40 lbs.	"		
		Jan. 14, 2003	"	"	25 lbs.	"		
		Jan. 29, 2003	"	"	40 lbs.	"		
		Jan. 29, 2003	"	"	35 lbs.	"		
		Mar. 3, 2003	"	"	42 lbs.	"		
		Mar. 3, 2003	"	"	40 lbs.	"		
		Mar. 4, 2003	"	"	50 lbs.	"		
		Mar. 31, 2003	"	"	30 lbs.	"		
		April 1, 2003	"	"	50 lbs.	"		
		April 1, 2003	"	"	30 lbs.	"		
		July 29, 2003	"	"	48 lbs.	"		
		Aug. 28, 2003	"	"	50 lbs.	"		
		Dec. 11, 2003	"	"	50 lbs.	"		
		Dec. 17, 2003	"	"	50 lbs.	"		
				Total:			630 lbs	
			Flash Pad -- Scrap Metal	Mar. 26, 2003	½ Hour	Scrap Metal	N/A	"
Mar. 27, 2003	"			"	N/A	"		
May 07, 2003	"			"	N/A	"		
Oct. 08, 2003	"			"	N/A	"		
Oct. 09, 2003	"			"	N/A	"		
Oct. 15, 2003	"			"	N/A	"		
Oct. 16, 2003	"			"	N/A	"		
Oct. 28, 2003	"			"	N/A	"		
Nov. 05, 2003	"			"	N/A	"		
Nov. 06, 2003	"			"	N/A	"		
Nov. 17, 2003	"			"	N/A	"		
Nov. 25, 2003	"	"	N/A	"				
	Flash Pad -- HE Contaminated Machining Scrap	Feb. 11, 2003	½ Hour	HE Scrap	150 lbs.	Propane		
		Feb. 19, 2003	"	"	125 lbs.	"		
		Feb. 20, 2003	"	"	110 lbs.	"		
		Feb. 24, 2003	"	"	18 lbs.	"		
		Feb. 25, 2003	"	"	85 lbs.	"		
		Mar. 10, 2003	"	"	34 lbs.	"		
		Mar. 25, 2003	"	"	49 lbs.	"		
		Apr. 02, 2003	"	"	125 lbs.	"		
		Apr. 03, 2003	"	"	100 lbs.	"		
		Apr. 09, 2003	"	"	105 lbs.	"		
		Apr. 10, 2003	"	"	40 lbs.	"		
		May 28, 2003	"	"	90 lbs.	"		
		May 29, 2003	"	"	80 lbs.	"		
		June 17, 2003	"	"	120 lbs.	"		
		June 18, 2003	"	"	115 lbs.	"		
		June 19, 2003	"	"	30 lbs.	"		
		July 24, 2003	"	"	187 lbs.	"		
July 21, 2003	"	"	240 lbs.	"				
July 22, 2003	"	"	105 lbs.	"				
July 28, 2003	"	"	95 lbs.	"				
July 29, 2003	"	"	105 lbs.	"				

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		July 29, 2003 Sept. 02, 2003 Sept. 03, 2003 Sept. 15, 2003 Sept. 17, 2003 Sept. 18, 2003 Sept. 29, 2003 Oct. 20, 2003 Oct. 21, 2003 Oct. 22, 2003 Dec. 04, 2003	" " " " " " " " " " "	" " " " " " " " " " "	48 lbs. 150 lbs. 36 lbs. 110 lbs. 100 lbs. 90 lbs. 30 lbs. 137 lbs. 135 lbs. 20 lbs. 100 lbs.	" " " " " " " " " " "
		Total:			3064 lbs.	
	<i>Flash Pad -- HE Contaminated Liquid</i>	Feb. 03, 2003 Feb. 03, 2003 Feb. 04, 2003 Sept. 30, 2003 Oct. 01, 2003 Oct. 02, 2003 Dec. 02, 2003	½ Hour " " " " "	<i>HE Contaminated Solvents</i> " " " " "	10 Gals 0.25 Gals 15 Gals 10 Gals 15 Gals 17.1 Gals 15.25 Gals	<i>Propane</i> " " " " "
		Total:			82.6 gals	
	Annual Summary:	<ul style="list-style-type: none"> - Propane : 1,975 gals - HE: 3064 lbs - HE Contaminated Combustible solids: 630 lbs (assume 5% HE: 31.5 lbs HE) - HE Contaminated Oil/solvents: 82.6 gals 				
	Permit Conditions	<ul style="list-style-type: none"> - 20,000 gals propane - 21,000 lbs HE - 5,200 lbs HE contaminated combustible solids - 1,000 gal HE contaminated oil/solvents 				

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TECHNICAL AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
TA-36	<i>Sled Track Area -- HE Wood Waste</i>	<i>No Burns</i>				
	<i>Minie Site</i>	<i>Feb 27, 2003</i>	<i>1.5 hours</i>	<i>Wood HE</i>	<i>250 lbs 1055.1 grams</i>	<i>Kerosene 2 gals.</i>
		<i>Dec. 18, 2003</i>	<i>1.5 hours</i>	<i>Wood HE</i>	<i>250 lbs. 10 grams</i>	<i>Kerosene 2 gals.</i>
	Annual Summary:	<i>No Burns in 2003at the Sled Track Area</i>				
		<i>2 burns conducted at Minie Site [NMED provided verbal approval for the December Minie Site activities to be performed under the Sled Track permit.]</i>				
		<ul style="list-style-type: none"> - 2 burns - 500 lbs of wood - 1065.1 grams of HE 				
	Permit Conditions	<ul style="list-style-type: none"> - 8 burns per year - 2000 lbs wood per burn - 45 kg of HE per burn - 40 kg of DU per burn 				
<i>Open Burn Area</i>	<i>No Burns</i>					
Annual Summary:	<i>No Burns 2003</i>					
Permit Conditions	<ul style="list-style-type: none"> - 8 burns per year - 300 m³ DU contaminated wood per burn - 500 lb combustible waste material and lexan or plexiglass per burn - 10 gals starter fluid per burn 					