



DEPARTMENT OF THE ARMY
FORT WINGATE DEPOT ACTIVITY
P.O. BOX 268
FORT WINGATE, NM 87316

April 15, 2015

Mr. John Kieling
Chief, Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Dear Mr. Kieling,

The Department of the Army, Fort Wingate Depot Activity (FWDA) is submitting a status letter report for removal of the Hazardous Waste Management Unit (HWMU), as requested by your staff during a phone call on April 7, 2015. Included with this letter is a map delineating the progress of the removal.

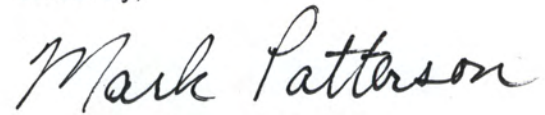
The removal is ongoing. When URS de-mobilizes in August 2015 four acres will have been cleared and characterized and an additional six acres will have had removal operations initiated. As of the end of March 2015, URS has processed and characterized approximately 75,000 cubic yards (CY) of soil. Only 1750 CY is contaminated and none is hazardous. Approximately 1.92 million pounds of metal scrap has been sent to the smelter for recycling and 11,782 Munitions and Explosives of Concern (MEC) items have been removed from the HWMU. In addition, before URS de-mobilizes they plan to detonate the 2,000 pound bomb and plug three buried/non-functioning wells (CMW06, CMW20, and CMW21) in Parcel 3.

The contracted work with PIKA-Pirnie Joint Venture Team (JV) includes the removal of surface and subsurface anomalies within the 2,355 acre Kickout Area (KOA) in accordance with (IAW) permit Sections IV.B, C, D, & F. The estimated completion is fall 2017. The JV will also perform Waste Military Munitions (WMM) interim measures IAW permit section VII.G in AOC 92 and SWMU 14, 15, and 33. In addition, the JV will perform a RCRA Facility Investigation (RFI) (VII.H) at Parcel 3. The estimated completion is fall of 2018. The JV will perform an RFI (VII.H) in Parcel 20. The contractor will also conduct field investigations identified in the previous RFI Reports within the SWMU 40 of Parcel 11, AOCs 88A & B, and SWMUs 12, 27, and 70 of Parcel 22 to include a MEC clearance in SWMU 10. The estimated completion is fall 2017.

A follow-on contract for the remaining soil removal work in Parcel 3 is planned for award in fiscal year 2016. This contract will include removing WMM and debris from the remaining portions of the HWMU and Subsurface Removal within the inner fence of the KOA (IV.F). It will also include operation, maintenance, and closure of the CAMU (III & IX.C-N) and closure (III) of the HWMU.

If you have questions or require further information, please call me at (330) 358-7312 or Eric Kirwan, Project Manager at (817) 366-2437.

Sincerely,



Mark Patterson
BRAC Environmental Coordinator

Enclosures
HWMU Progress Map
CAMU Log

CF w/enclosures:
Chuck Hendrickson, USA EPA Region 6
Lisa Lovato (Admin Record) FWDA
Sharlene Begay-Platero, NN
Governor Val Panteah, POZ
Clayton Seoutewa, BIA Southwest
Fern Beceti, BIA-NR
Judith Wilson, BIA
Eldine Stevens, BIA
Ben Burshia, BIA
Angela Kelsey, BIA
Pat Ryan (Web manager)



**CAMU TREATMENT OPERATIONS LOG
WEEK OF APRIL 22 - 27, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
4/23/2013	0700-1600									No	Yes	
4/23/2013	0700-1600									No	Yes	
4/24/2013	0700-1600									No	Yes	
4/24/2013	0700-1600									No	Yes	
4/25/2013	0700-1600									No	Yes	
4/26/2013	0700-1600									No	Yes	

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN, TETN, or TNT. The NEW of jet perforators are 25 gram composition of PETN, TETN, or TNT



**CAMU TREATMENT OPERATIONS LOG
WEEK OF APRIL 28 - MAY 4, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
4/29/2013	0700-1600									No	Yes	
4/30/2013	0700-1600									No	Yes	
5/1/2013	0700-1500									No	Yes	
5/2/2013	0700-1500									No	Yes	

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF JUNE 10 - 15, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
6/12/2013	0700-1630									No	Yes	

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF JUNE 17 - 23, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
6/18/2013	0920-1151	Smoke	Smoke, HC, M14B1 or M14B3	4.1	18	73.8	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Rocket	Burster Tube, M8	0.063	3	0.189	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Flare	US, Flare, Parachute, M9	0.064	1	0.064	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Projectile	105mm, APDS-T, M392	0.064	2	0.128	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Projectile	20mm Projectile, TP-T, M206	0.007	4	0.028	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Mortar	British, SBML 2', Smoke, HC	2	44	88	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Smoke	US, Signal, Gnd, M18A1	0.314	2	0.628	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Flare	Cartridge Signal, Double Star, AN-M3	0.24	4	0.96	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Bulk	Smoke and Illum compound	44	1	44	Burn	Diesel	10	No	No	
6/18/2013	0920-1151	Projectile	75mm, Projectile, Smoke, HC, M89	1.68	1	1.68	Burn	Diesel	10	No	No	
6/19/2014	0940-1100										Yes	QC inspection

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF JULY 15 - 20, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
7/17/2013	1145-1200									No	Yes	
7/20/2013	0900-1100									No	Yes	

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF JULY 22 - 27, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
7/24/2013	0922-1200	pyro cup	unknown	< 1 oz	146	< 146 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	booster	unknown	1 oz	32	36 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	M104	< 1 oz	1	< 1 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	Mk 24	< 1 oz	3	3 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	Mk 149	< 1 oz	4	4 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	M500	< 1 oz	3	3 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	M110	< 1 oz	4	4 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	M104	< 1 oz	25	25 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	M 66	< 1 oz	9	9 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	primer	Birtish 2lb Mortar (smoke)	< 1 oz	1	1 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	M 51 B1	< 1 oz	2	2 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	assorted unknown fuze components	< 1 oz	221	211 oz.	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	M 503	< 1 oz	3	3 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	T 73	< 1 oz	5	5 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	XM 766	< 1 oz	2	2 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	Mk 48	< 1 oz	1	1 oz	burn	diesel	5 gal	No	No	
7/24/2013	0922-1200	fuze	M 404	< 1 oz	8	8 oz	burn	diesel	5 gal	No	No	
7/25/2013	0922-1100									No	Yes	

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Project Name: HWMU Work Plan and Removal
 Project Location: McKinley County, New Mexico

CAMU TREATMENT OPERATIONS LOG
WEEK OF JULY 28 - AUGUST 3, 2013
FORT WINGATE DEPOT ACTIVITY



Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
7/31/2013	0900-1100	pyro cup	unknown	< 1 oz	10	10 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	fuze	M120	< 1 oz	61	61 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	element	M14 Delay	< 1 oz	11	11 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	fuze	M90	< 1 oz	1	1 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	booster	unknown	< 1 oz	2	2 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	fuze	unknown	< 1 oz	10	10 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	fuze	unknown grenade	< 1 oz	6	6 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	boom	Mortar tail with poss live primer	< 1 oz	2	2 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	tube	flash tube from cartridge case	< 1 oz			burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	MPPEH	Misc. samll fuze parts with poss dets	< 1 oz	7	7 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	shell	Shotgun, 3"	< 1 oz	3	3 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	cartridge	.45 cal blank	< 1 oz	18	18 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	cartridge	7.62 blank	< 1 oz	5	5 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	primer	Unknown Cartridge Actuated Device	< 1 oz	1	1 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	cartridge	M21 20mm cartridge case	< 1 oz	3	3 oz	burn	diesel	10 gal	No	No	
7/31/2013	0900-1100	primer	Unknown Cartridge Actuated Device	< 1 oz	3	3 oz	burn	diesel	10 gal	No	No	
8/1/2013	1100-1200									No	Yes	

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF AUGUST 5 - 10, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
8/9/2013	0630-0900	projectile	M 1 Smoke	.037 lbs	1	.037 lbs	detonation	Jet Perf	3 ea	No	No	
8/9/2013	0630-0900	projectile	M 19 rifle grenad	.059 lbs	1	.059 lbs	detonation	Jet Perf	2 ea	No	No	

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF AUGUST 26 - 31, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
8/29/2013	1200-1500									No	Yes	

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF SEPTEMBER 2 - 7, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
9/6/2013	0630-1130	projectile	75mm HE M48	1.34 lbs	3	4.02 lbs	detonation	Jet Perf	1 ea	No	No	
9/6/2013	0630-1130	projectile	3" APE Mk29	0.14 lb	3	.42 lb	detonation	Jet Perf	1 ea	No	No	
9/6/2013	0630-1130	rocket	3.5" M28 (warhead only)	1.88 lb	1	1.88 lb	detonation	Jet Perf	1 ea	No	No	
9/6/2013	0630-130	mortar	60mm M49	.79 lb	9	7.11 lb	detonation	Jet Perf	1 ea	No	No	
9/6/2013	0630-1130	mortar	81 mm M43	1.3 lb	8	10.4 lb	detonation	Jet Perf	1 ea	No	No	
9/6/2013	0630-1130	booster	unknown	< 2 oz	2	< 4 oz	detonation	Jet Perf	1 ea	No	No	

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF SEPTEMBER 16 - 21, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
9/19/2013	0730-1530									No	Yes	Vegetation Control

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF SEPTEMBER 23 - 28, 2013
FORT WINGATE DEPOT ACTIVITY**



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
9/24/2013	0700-1345	projectile	Mk 2 40mm debris	< 1 oz	194	< 194 oz	burn	diesel	10 gal	No	No	
9/24/2013	0700-1345	propellant	loose gun propellant grains	10.25 lb	10.25 lb	10.25 lb	burn	diesel	10 gal	No	No	
9/24/2013	0700-1345	HE chunks	Loose high explosives pieces	29.7 lb	29.7 lb	29.7 lb	burn	diesel	10 gal	No	No	
9/24/2013	0700-1345	frag	metal greagments with traces of explosive	< 1 oz	17.8 lb	< 200 oz	burn	diesel	10 gal	No	No	
9/24/2013	0700-1345	det cord	4 ft piece of det cord	< 1 oz	4	< 1 oz	burn	diesel	10 gal	No	No	
9/24/2013	0700-1345	tracer	tracer from 90mm AA projectile	< 1 oz	1	< 1 oz	burn	diesel	10 gal	No	No	
9/24/2013	0700-1345	bomb	M83 body with trace of HE inside	< 2 oz	3	< 6 oz	burn	diesel	10 gal	No	No	
9/24/2013	0700-1345	burster	portion of 4.5" rocket burster	3 oz	1	3 oz	burn	diesel	10 gal	No	No	
9/26/2013	0800-0930									No	Yes	

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CAMU TREATMENT OPERATIONS LOG
WEEK OF NOVEMBER 4 - 9, 2013
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
11/7/2013	0800-1600	projectile	M103	0	1	0	detonation	Jet Perf	1ea	No	No	
11/7/2013	0800-1600	projectile	M71	0	3	0	detonation	Jet Perf	1ea	No	No	
11/7/2013	0800-1600	projectile	M86	0	13	0	detonation	Jet Perf	13 ea	No	No	
11/7/2013	0800-1600	projectile	Mk38	.25lb	1	0.25	detonation	booster	1 ea	No	No	

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**CAMU TREATMENT OPERATIONS LOG
WEEK OF DECEMBER 16-20, 2013
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
12/18/2013	1300-1430	Bulk Explosive	25OC12E2	1lb	55	55	detonation	nonel cap	n/a	No	No	
12/18/2013	1300-1400	prima cord	27AD1261-4080	1lb	950'	1lb	detonation	booster	n/a	No	No	
12/18/2013	1300-1400	nonel detonators	05NO12X-0002	<1oz	146	<1oz	detonation	booster	n/a	No	No	
12/18/2013	1300-1400	Electric Detonator	10SE12SI-1040	<1oz	21	<1oz	detonation	booster	n/a	No	No	
12/18/2013	1300-1400	nonel lead	04MA13WI-0112	<1oz	3500'	<1oz	detonation	booster	n/a	No	No	
12/19/2013	0800-1000										Yes	Fill in detonation crater

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CAMU TREATMENT OPERATIONS LOG
WEEK OF MAY 5 - 9, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
5/8/2014	0700-1200	MPPEH	plant hopper & pipes	0	0	0	detonation	jet perforator and det cord	N/A	No	No	Vented MPPEH in order to complete visual inspection prior to flashing
5/9/2014	0800-0830									No	Yes	Post-demolition clean-up for venting of MPPEH

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



CAMU TREATMENT OPERATIONS LOG
WEEK OF JUNE 9 - 15, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
6/13/2014	1100-1330										Yes	Vegetation Control

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



CAMU TREATMENT OPERATIONS LOG
WEEK OF JUNE 16 - 22, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
6/20/2014	0900-1400										Yes	Vegetation Control

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



CAMU TREATMENT OPERATIONS LOG
WEEK OF JULY 14 - 20, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
7/17/2014	0800-1000										Yes	Vegetation Control

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF JULY 28 - AUGUST 3, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
7/28/2014	0900-1200										Yes	Vegetation Control
7/29/2014	1000-1300										Yes	Vegetation Control
8/2/2014	1000-1200										Yes	Vegetation Control

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF AUGUST 4 - 10, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
8/8/2014	0800-1600	projectile	120mm mortar	5	2	10	detonation	Jet Perf		No	No	Minimal HE, vented for MPPEH inspection
8/8/2014	0800-1600	projectile	105mm	5.08	6	30.48	detonation	Jet Perf		No	No	Minimal HE, vented for MPPEH inspection
8/8/2014	0800-1600	projectile	90mm	2.15 lbs	7	15.05	detonation	Jet Perf		No	No	Minimal HE, vented for MPPEH inspection
8/8/2014	0800-1600	projectile	M4381mm mortar	1.3 lb	11	14.3	detonation	Jet Perf		No	No	Minimal HE, vented for MPPEH inspection
8/8/2014	0800-1600	projectile	57mm	< 2 oz	16	2 lbs	detonation	Jet Perf		No	No	Minimal HE, vented for MPPEH inspection
8/8/2014	0800-1600	projectile	M54 37mm	1.6 oz	6	9.6 oz	detonation	Jet Perf		No	No	
8/8/2014	0800-1600	rocket	M28 3.5" rocket	1.9 lb	3	5.7 lb	detonation	Jet Perf		No	No	
8/8/2014	0800-1600	rocket	2.75" rocket	2.3 lb	1	2.3 lb	detonation	Jet Perf		No	No	
8/8/2014	0800-1600	bomb	BLU-3 component	< 1 oz	1	< 1 oz	detonation	booster		No	No	
8/8/2014	0800-1600	perforator	damaged 19 gram jet perforator	< 1 oz	2	< 2 oz	detonation	booster		No	No	
8/8/2014	0800-1600	bulk explosive	high explosive	35	1	35	detonation	booster		No	No	
8/8/2014	0800-1600	primer	flash tube	< 1 oz	4	< 4 oz	detonation	booster		No	No	Minimal HE, vented for MPPEH inspection
8/8/2014	0800-1600	unknown tube	unknown tube	< 1 oz	2	< 2 oz	detonation	booster		No	No	Minimal HE, vented for MPPEH inspection
8/8/2014	0800-1600	burster	burster	< 1 oz	5	< 5 oz	detonation	booster		No	No	
8/8/2014	0800-1600	primer	57mm cartridge case	< 1 oz	1	< 1 oz	detonation	booster		No	No	Minimal HE, vented for MPPEH inspection
8/9/2014	0800-1300										Yes	Post-demolition clean-up for venting of MPPEH

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF AUGUST 11 - 17, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
8/14/2014	0800-1100	projectile	M54 37mm	1.6 oz	2	3.2 oz	detonation	booster	1 ea		No	
8/14/2014	0800-1100	projectile	40mm projectile	0.148 lbs	30	4.44	detonation	booster	4 ea		No	
8/14/2014	0800-1100	projectile	75mm	1.75	33	57.5	detonation	Jet Perf	44 ea	No	No	Minimal HE, vented for MPPEH inspection
8/14/2014	1200-1600										Yes	Post-demolition clean-up for venting of MPPEH
8/15/2014	0800-1145	projectile	40mm projectile	0.148	397	58.75 lb	detonation	boosters	58 each	No	No	
8/15/2014	1300-1600										Yes	Post-demolition clean-up for venting of MPPEH
8/16/2014	0800-1530										Yes	Completed post-demolition clean up from 8-15-2014.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



CAMU TREATMENT OPERATIONS LOG
WEEK OF AUGUST 18 - 24, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
8/18/2014	0800-1200										Yes	Vegetation Control: weed eating / mowing
8/19/2014	0800-1400										Yes	Vegetation Control: weed eating / mowing. Seeded bare spots

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF AUGUST 25 - 31, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
8/27/2014	0800-1600	Fuze	MK 149 Fuze	< 1 oz	1	< 1 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Fuze	M503 PD Fuze	< 1 oz	1	< 1 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Booster	Boosters	< 1 oz	271	< 271 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Fuze	Frag Bomb Fuze	< 1 oz	2	< 2 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Fuze	M101 Fuze	< 1 oz	1	< 1 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Fuze	M66 Fuze	< 1 oz	135	< 135 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Fuze	M404 Base Fuze	< 1 oz	8	< 8 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Fuze	M219 Fuze	< 1 oz	27	< 27 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Fuze	Unknown Fuzes	< 1 oz	126	< 126 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Projectile	20MM Projectile	< 1 oz	50	< 50 oz	burn	diesel	10 gal	No	No	Destroyed by burning
8/27/2014	0800-1600	Projectile	40MM Projectile	0.148	10	1.48 lb	burn	diesel	10 gal	No	No	Destroyed by burning
8/28/2014	1200-1400										Yes	Post- burn clean-up and MPPEH inspection.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



CAMU TREATMENT OPERATIONS LOG
WEEK OF SEPTEMBER 8 - 14, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
9/12/2014	1200-1400										Yes	Vegetation Control: Weed-eating
9/13/2014	0800-1130										Yes	Vegetation Control: Mowing

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF SEPTEMBER 15 - 21, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
9/19/2014	0800-1600	projectile	20mm with trace amounts of HE inside	< 0.42 oz	822	< 345 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	projectile	40mm (unfuzed)	0.148 lbs	10	1.48 pounds	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	bomb	M83 body with trace of HE inside	< 2 oz	43	< 86 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	bomb	BLU-4 (partial)		23		burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	primer	primer	< 1 oz	1	< 1 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	fuze	PD fuze	< 1 oz	3	< 3 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	fuze	Base fuze	< 1 oz	4	< 4 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	fuze	M66 fuze	< 1 oz	29	< 29 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	booster	booster	< 1 oz	40	< 40 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	burst	burst	< 1 oz	6	< 6 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/19/2014	0800-1600	MPPEH	Previously vented MPPEH	< 2 oz	16	< 32 oz	burn	diesel	10 gal	No	No	Destroyed by burning
				TOTAL	997							
9/20/2014	1315-1530										Yes	Post- burn clean-up and MPPEH inspection.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF SEPTEMBER 22 - 28, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
9/24/2014	0800-1600	projectile	20mm projectile	<0.42 oz	21	< 8.82 oz	detonation	booster	2 ea	No	No	Destroyed by detonation
9/24/2014	0800-1600	projectile	37mm projectile	1.6 oz	21	< 2.1 lb	detonation	booster	4 ea	No	No	Destroyed by detonation
9/24/2014	0800-1600	bomb	M83 butterfly bomb (unfuzed, partial)	< 9 oz	6	< 54 oz	detonation	booster	11 ea	No	No	Destroyed by detonation
9/24/2014	0800-1600	projectile	60mm shell for M2 landmine (partial)	< 6.4 oz	12	< 76.8 oz	detonation	booster	11 ea	No	No	Destroyed by detonation
9/24/2014	0800-1600	projectile	81mm mortar		4	5.2 lb	detonation	perforator	4 ea	No	No	Perforated. Determined to be wax-filled post-shot
9/24/2014	0800-1600	burster	burster	< 1 oz	1	< 1 oz	detonation	booster	1 ea	No	No	Destroyed by detonation
9/24/2014	0800-1030	projectile	57mm APHE projectile	< 1 oz	1	< 1 oz	detonation	perforator	1 ea	No	No	Destroyed by detonation
			TOTAL		66							
9/24/2014	1045-1600									No	Yes	and MPPEH inspection
9/27/2014	0800-1630	projectile	40mm (unfuzed)	0.148 lbs	520	76.96 lb	burn	diesel	10 gal	No	No	Destroyed by burning
9/27/2014	0800-1630	projectile	20mm (unfuzed)	<0.42 oz	9	3.78 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/27/2014	0800-1630	projectile	37mm (unfuzed)	1.6 oz	3	4.8 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/27/2014	0800-1630	bomb	M83 butterfly bomb (unfuzed, partial)	< 9 oz	1	9 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/27/2014	0800-1630	fuze	M66 fuze	< 1 oz	2	< 2 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/27/2014	0800-1630	booster	booster	< 1 oz	2	< 2 oz	burn	diesel	10 gal	No	No	Destroyed by burning
9/27/2014	0800-1630	MPPEH	Previously vented MPPEH	< 1 oz	6	< 6 oz	burn	diesel	10 gal	No	No	Destroyed by burning
			TOTAL		543							

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF SEPTEMBER 29 - OCTOBER 5, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
9/29/2014	0900-1000										Yes	Begin post- burn clean-up and MPPEH inspection. Cancelled due to severe weather. Put lid on pan and secured operations.
9/30/2014	0900-1400										Yes	and MPPEH inspection
10/1/2014	0800-1630	projectile	40mm (unfuzed)	0.148 lbs	460	68.08 lb	burn	diesel	10 gal	No	No	Destroyed by burning
10/1/2014	0800-1630	projectile	37mm (unfuzed)	1.6 oz	5	8 oz	burn	diesel	10 gal	No	No	Destroyed by burning
10/1/2014	0800-1630	booster	booster	< 1 oz	1	< 1 oz	burn	diesel	10 gal	No	No	Destroyed by burning
				TOTAL	466							
10/2/2014	1300-1530										Yes	Post demolition clean-up and MPPEH inspection.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



CAMU TREATMENT OPERATIONS LOG
WEEK OF OCTOBER 6 - 12, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
10/6/2014	0900-1630	projectile	40mm (unfuzed)	0.148 lbs	450	66.66 lb	burn	diesel	10 gal	No	No	Destroyed by burning
10/7/2014	1310-1430										Yes	Post demolition clean-up and MPPEH inspection.
10/8/2014	0730-1230	projectile	40mm (unfuzed)	0.148 lbs	450	66.66 lb	burn	diesel	10 gal	No	No	Destroyed by burning
10/10/2014	0930-1045										Yes	Post demolition clean-up and MPPEH inspection.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF OCTOBER 13 - 19, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
10/14/2014	0730-1230	projectile	40mm (unfuzed)	0.148 lbs	450	66.66 lb	burn	diesel	10 gal	No	No	Destroyed by burning
10/14/2014	0730-1230	booster	booster	< 1 oz	2	< 2 oz	burn	diesel	10 gal	No	No	Destroyed by burning
10/14/2014	0730-1230	projectile	20mm (unfuzed)	<0.42 oz	1	< 0.42 oz	burn	diesel	10 gal	No	No	Destroyed by burning
				TOTAL	453							
10/15/2014	1330-1430										Yes	Post demolition clean-up and MPPEH inspection.
10/16/2014	0730-1230	projectile	40mm (unfuzed)	0.148 lbs	374	55.35 lb	burn	diesel	10 gal	No	No	Destroyed by burning
10/16/2014	0730-1230	booster	booster	< 1 oz	3	< 3 oz	burn	diesel	10 gal	No	No	Destroyed by burning
10/16/2014	0730-1230	burster	burster	< 1 oz	1	< 1 oz	burn	diesel	10 gal	No		Destroyed by burning
				TOTAL	378							
10/17/2014	1330-1500										Yes	Post demolition clean-up and MPPEH inspection.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF OCTOBER 20 - 26, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
10/22/2014	0730-1200	projectile	20mm projectile	<0.42 oz	2	0.84 oz	detonation	booster	1	No	No	Destroyed by detonation.
10/22/2014	0730-1200	projectile	37 mm projectile	1.6 oz	1	1.6 oz	detonation	booster	1	No	No	Destroyed by detonation.
10/22/2014	0730-1200	projectile	40mm projectile	0.148 lbs	32	4.7 pounds	detonation	booster	13	No	No	Destroyed by detonation.
10/22/2014	0730-1200	projectile	57mm projectile	< 2 oz	1	< 2 oz	detonation	booster	1	No	No	Destroyed by detonation.
		projectile	M2/M43 60mm	6.7 oz	6	2.51 pounds				No	No	Destroyed by detonation.
10/22/2014	0730-1200	projectile	75mm HE projectile	1.49 pounds	9	13.41	detonation	perforator	9	No	No	Destroyed by detonation.
10/22/2014	0730-1200	projectile	75mm WP projectile	15.73 oz	1	15.73 oz	detonation	perforator	4	No	No	Destroyed by detonation.
10/22/2014	0730-1200	projectile	81mm mortar	1.3 lb	12	15.6 pounds	detonation	booster	17	No	No	Destroyed by detonation.
10/22/2014	0730-1200	fuze	M66 fuze	< 1 oz	1	< 1 oz	detonation	booster	1	No	No	Destroyed by detonation.
10/22/2014	0730-1230	rocket motor	rocket motor for M28 3.5" rocket	0.44 pounds	10	4.4 pounds	detonation	booster	8	No	No	Destroyed by detonation.
				TOTAL	75							
10/22/2014	1300-1500										Yes	Post- detonation clean-up and MPPEH inspection.
10/23/2014	1300-1330										Yes	Post- detonation clean-up and MPPEH inspection.
10/24/2014	1230-1400										Yes	Post- detonation clean-up and MPPEH inspection.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF NOVEMBER 17 - 23, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
11/20/2014	1030-1600	Bomb	20lb Frag bomb	2.8	42	117.6	Detonation	Perferator, Jet	50	No	Yes	Post- detonation clean-up and MPPEH inspection.
11/20/2014	1030-1600	Projectile	81mm Mortar	1.3	25	32.5	Detonation	Perferator, Jet	16	No	Yes	
11/20/2014	1030-1600	Projectile	75mm	1.34	10	13.4	Detonation	Perferator, Jet	10	No	Yes	
11/20/2014	1030-1600	Projectile	90mm	1.56	4	6.24	Detonation	Perferator, Jet	4	No	Yes	
11/20/2014	1030-1600	Projectile	105mm	4.6	1	4.6	Detonation	Perferator, Jet	1	No	Yes	
11/20/2014	1030-1600	Projectile	57mm	0.1	1	0.1	Detonation	Perferator, Jet	1	No	Yes	
11/20/2014	1030-1600	Projectile	40mm	0.187	5	0.935	Detonation	Perferator, Jet	5	No	Yes	
11/20/2014	1030-1600	Projectile	37mm	0.1	3	0.3	Detonation	Perferator, Jet	3	No	Yes	
11/20/2014	1030-1600	Projectile	20mm	0.1	4	0.4	Detonation	Sympathetic	0	No	Yes	
11/20/2014	1030-1600	Bulk HE	N/A	0.5	2	1	Detonation	Sympathetic	0	No	Yes	
11/20/2014	1030-1600	Nose Cone	N/A	0.5	1	1	Detonation	Perferator, Jet	1	No	Yes	
11/20/2014	1030-1600	Landmine	M2	0.42	19	7.98	Donor	Donor	19	No	Yes	
				TOTAL	117							
11/21/2014	1000-1300											Post- detonation clean-up and MPPEH inspection.
11/22/2014	0945-1530	Projectile	75mm	.037 lbs	5	0.185	detonation	Perferator, Jet	10 Ea	No	Yes	
				TOTAL	5							
11/22/2014	1530-1630											Post- detonation clean-up and MPPEH inspection.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



CAMU TREATMENT OPERATIONS LOG
WEEK OF NOVEMBER 24 - 30, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
11/24/2014	0820-1130	Projectile	75mm	.037 lbs	10	0.37	detonation	Perferator, Jet	30 ea	No	Yes	Post- detonation clean-up and MPPEH inspection.
				TOTAL	10							
11/24/2014	1300-1500											Post- detonation clean-up and MPPEH inspection.

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF DECEMBER 1 - 7, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
12/6/2014	0800-1630	Detonators	Unk Detonator	<1g	4	<4g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	Burster Tubes	Unk Burster Tubes	35g	2	70g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	Boosters	Unk Boosters	65g	13	845g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	Bomb	M83 (unfuzed)	0.47	4	1.88	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	projectile	20mm	7g	8	56g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	projectile	37mm	45g	14	630g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	projectile	40mm	0.187	170	31.79	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	projectile	57mm	227g	1	227g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	MPPEH	Assorted previously burned items	asst values	15	19.44	Burn	Diesel	10gal	No	No	105mm, (2) 37mm, (2) 20mm
12/6/2014	0800-1630	Fuze	base fuze	2g	1	2g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	Fuze	T-Bar	1g	2	2g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	fuze	M404	5g	11	55g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	fuze	M66 fuze	8g	5	40g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	rocket motor	3.5" motor	200g	4	800g	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	Propellant	Bulk propellant	<1	1	<1	Burn	Diesel	10gal	No	No	
12/6/2014	0800-1630	Projectile	2' Smoke	<1g	11	<11g	Burn	Diesel	10gal	No	No	
				TOTAL	267							

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF DECEMBER 8 - 14, 2014
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
12/8/2014											Yes	Post- burn clean-up and MPPEH inspection.
12/10/2014	0800-1630	projectile	75mm WP projectile	1oz	18	1.25	Detonation	Perforator, jet	54	No	No	
12/10/2014	0800-1630	projectile	90mm WP projectile	2.3oz	1	2.3oz	Detonation	Perforator, jet	3	No	No	
12/10/2014	0800-1630	projectile	105mm WP projectile	92.5g	4	370g	detonation	Perforator, jet	12	No	No	
12/10/2014	0800-1630	projectile	3.5" rocket warhead WP	8g	1	8g	detonation	Perforator, jet	2	No	No	
12/10/2014	0800-1630	projectile	75mm WP projectile	1oz	2	2oz	detonation	Boosters	6	No	No	
				TOTAL	26							
12/11/2014											Yes	Post-detonation clean-up and MPPEH inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



CAMU TREATMENT OPERATIONS LOG
WEEK OF DECEMBER 15 - 21, 2014
FORT WINGATE DEPOT ACTIVITY

Project Name: HWMU Work Plan and Removal
 Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., Fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
12/16/2014	0800-1630	Projectile	20mm	0.01	1	0.01	detonation	Boosters		No	No	
12/16/2014	0800-1630	Projectile	37mm	0.1	1	0.1	detonation	Boosters		No	No	
12/16/2014	0800-1630	Projectile	40mm	0.17	24	4.14	detonation	Perforators		No	No	
12/16/2014	0800-1633	Projectile	81mm mortar	1.22	4	4.88	detonation	Perforators		No	No	
12/16/2014	0800-1630	Projectile	60mm mortar	0.6	1	0.6	detonation	Perforators		No	No	
12/16/2014	0800-1630	Projectile	75mm	1.42	3	4.26	detonation	Perforators		No	No	
12/16/2014	0800-1630	Projectile	WP 105mm	1.24	6	7.48	detonation	Perforators		No	No	
12/16/2014	0800-1630	MPPEH	Burster tube = 40mm	0.32	2	0.32	detonation	Boosters		No	No	
12/16/2014	0800-1630	Fuze	M66 fuze	0.013	3	0.4	detonation	Boosters		No	No	
12/16/2014	0800-1630	Fuze	PD fuze	0.05	1	0.05	detonation	Boosters		No	No	
12/16/2014	0800-1630	rocket motor	3.5" motor	0.44	1	0.44	detonation	Boosters		No	No	
12/16/2014	0800-1630	Burster Tubes	asst. burster tube	0.15	1	0.15	detonation	Boosters		No	No	
				TOTAL	48							
12/19/2014											Yes	Post-detonation clean-up and MPPEH inspection
12/18/2014	0800-1630	MPPEH	Failed perforator from previous demolition shot	19.5g	1	19.5g	Burn	Diesel	5gal	No	No	
				TOTAL	1							
12/19/2014											Yes	Post-burn clean-up and MPPEH inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



**CAMU TREATMENT OPERATIONS LOG
WEEK OF FEBRUARY 2 - 8, 2015
FORT WINGATE DEPOT ACTIVITY**

Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
2/3/2015	1200-1400										Yes	Post-burn clean-up and MPPEH inspection ²
2/6/2015	1400-1530										Yes	Vegetation removal
2/7/2015	0700-1030	Projectile	75mm WP	0.037	1	0.037	detonation	perforator		No	Yes	
2/7/2015	0700-1030	Projectile	57mm	0.5	1	0.5	detonation	perforator		No	Yes	
2/7/2015	0700-1030	Projectile	57mm (fuzed)	0.5	1	0.5	detonation	perforator		No	Yes	
2/7/2015	0700-1030	Projectile	37mm (fuzed)	0.4	1	0.4	detonation	perforator		No	Yes	
2/7/2015	0700-1030	Scatterable Munition	M83	0.47	1	0.47	detonation	booster		No	Yes	
2/7/2015	0700-1030	Scatterable Munition	BLU-4	0.18	1	0.18	detonation	booster		No	Yes	
2/7/2015	0700-1030	Unknown Booster	Unknown Booster	0.02	1	0.02	detonation	booster		No	Yes	
2/7/2015	0700-1030	MPPEH	MPPEH	0.1	1	0.1	detonation	booster		No	Yes	
				TOTAL	8							
2/7/2015	1030-1245										Yes	Post-detonation clean-up and MPPEH Inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.

² Burn was completed in December 2014 prior to holiday shut down period; however, fresh snow cover impeded completing a full clean-up of the area surrounding the burn pan. The burn pan was cleaned and inspected 24 hours after completion of the burn, but remaining cleanup was completed in February.



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

CAMU TREATMENT OPERATIONS LOG
WEEK OF FEBRUARY 9 - 15, 2015
FORT WINGATE DEPOT ACTIVITY

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
2/14/2015	0700-1100	Projectile	57mm	0.1	6	0.6	detonation	perforator		No	No	
2/14/2015	0700-1100	Projectile	40mm	0.187	22	4.1	detonation	booster		No	No	
2/14/2015	0700-1100	Projectile	20mm	0.1	1	0.1	detonation	booster		No	No	
2/14/2015	0700-1100	Projectile	75mm	1.34	1	1.34	detonation	perforator		No	No	
2/14/2015	0700-1100	Bomb	20lb Frag	2.8	4	11.2	detonation	perforator		No	No	
2/14/2015	0700-1100	Booster	Booster	0.1	37	3.7	detonation	booster		No	No	
2/14/2015	0700-1100	Rocket	3.5" Warhead	0.94	2	1.88	detonation	perforator		No	No	
				Total	73							
2/14/2015	1100-1245										Yes	Post-detonation clean-up and MPPEH Inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



Project Name: HWMU Work Plan and Removal
 Project Location: McKinley County, New Mexico

**CAMU TREATMENT OPERATIONS LOG
 WEEK OF FEBRUARY 16 - 22, 2015
 FORT WINGATE DEPOT ACTIVITY**

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
2/21/2015	0700-1000	Projectile	37mm	0.1	3	0.3	detonation	perforator		No		
2/21/2015	0700-1000	Projectile	20mm	0.03	1	0.03	detonation	perforator		No		
2/21/2015	0700-1000	Projectile	40mm	0.19	10	1.9	detonation	perforator		No		
2/21/2015	0700-1000	Projectile	57mm	0.1	10	1	detonation	perforator		No		
2/21/2015	0700-1000	Projectile	57mm (fuzed)	0.1	3	0.3	detonation	perforator		No		
2/21/2015	0700-1000	Projectile	81mm	1.3	1	1.3	detonation	perforator		No		
2/21/2015	0700-1000	scatterable munition	M83 butterfly bomb	0.47	3	1.41	detonation	perforator		No		
2/21/2015	0700-1000	bomb	20 lb frag bomb	2.8	9	25.2	detonation	perforator		No		
2/21/2015	0700-1000	fuze adapter	20 lb frag bomb fuze adapter	0.1	2	0.2	detonation	booster		No		
2/21/2015	0700-1000	fuze	Base Detonating	0.05	1	0.05	detonation	perforator		No		
2/21/2015	0700-1000	rocket	3.5" Rocket Warhead	1.88	1	1.88	detonation	perforator		No		
				TOTAL	44							
2/21/2015	1000-1430										Yes	Post-detonation clean-up and MPPEH Inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



Project Name: HWMU Work Plan and Removal
 Project Location: McKinley County, New Mexico

**CAMU TREATMENT OPERATIONS LOG
 WEEK OF MARCH 9 - 15, 2015
 FORT WINGATE DEPOT ACTIVITY**

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
3/11/2015	0900-1130	Projectile	40mm	0.19	13	2.47	detonation	perforator		No	No	
3/11/2015	0900-1130	Projectile	20mm	0.03	3	0.09	detonation	perforator		No	No	
3/11/2015	0900-1130	Projectile	37mm	0.1	6	0.6	detonation	perforator		No	No	
3/11/2015	0900-1130	Projectile	57mm	0.1	25	2.5	detonation	perforator		No	No	
3/11/2015	0900-1130	Scatterable	BLU-3	0.35	1	0.35	detonation	perforator		No	No	
3/11/2015	0900-1130	Scatterable	BLU-4	0.17	1	0.17	detonation	perforator		No	No	
3/11/2015	0900-1130	MPPEH	MPPEH	0.01	1	0.01	detonation	perforator		No	No	
				TOTAL	50							
3/11/2015	0900-1130	Perforator, jet		0.062	50	3.1						
3/11/2015	0900-1130	Detonating Cord		0.0114	250'	2.85						
3/11/2015	0900-1130	NONEL Caps		0.01	2	0.02						
3/13/2015	0900-1200										Yes	Post-detonation clean-up and MPPEH Inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

CAMU TREATMENT OPERATIONS LOG
WEEK OF MARCH 16 - 22, 2015
FORT WINGATE DEPOT ACTIVITY

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
3/20/2015	1000-1300	BD Fuze	M66	0.01	1,119	11.19	burn	diesel	10	No	No	
3/21/2015	1300-1500										Yes	Post-burn clean-up and MPPEH inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



Project Name: HWMU Work Plan and Removal
 Project Location: McKinley County, New Mexico

**CAMU TREATMENT OPERATIONS LOG
 WEEK OF MARCH 23 - 29, 2015
 FORT WINGATE DEPOT ACTIVITY**

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
3/24/2015	0800-1115	projectile	20mm projectiles	0.03	216	6.48	burn	diesel	10	No	No	
3/24/2015	0800-1115	booster	Assorted Boosters	0.05	457	22.85	burn	diesel	10	No	No	
3/24/2015	0800-1115	MPPEH	MPPEH	0.1	417	41.7	burn	diesel	10	No	No	
3/26/2015	0845-1000	projectile	57mm projectile	0.1	50	5	detonation	perforators		No		
3/26/2015	0845-1000	Perforator, Jet		0.062	50	3.1						
3/26/2015	0845-1000	Detonating Cord		0.0114	50'	0.57						
3/26/2015	0845-1000	NONEL Caps		0.01	2	0.02						
3/26/2015	1000-1200										Yes	Post-detonation clean-up and MPPEH Inspection
3/27/2015	0900-1200	Projectile	40mm projectiles	0.25	800	200	burn	diesel	10	No	No	
3/28/2015	1200-1400										Yes	Post-burn clean-up and MPPEH inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.

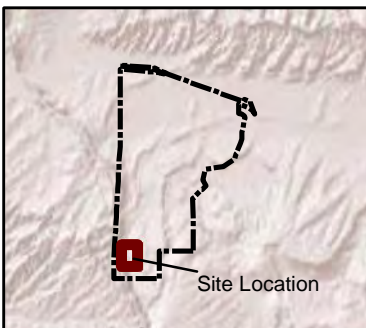
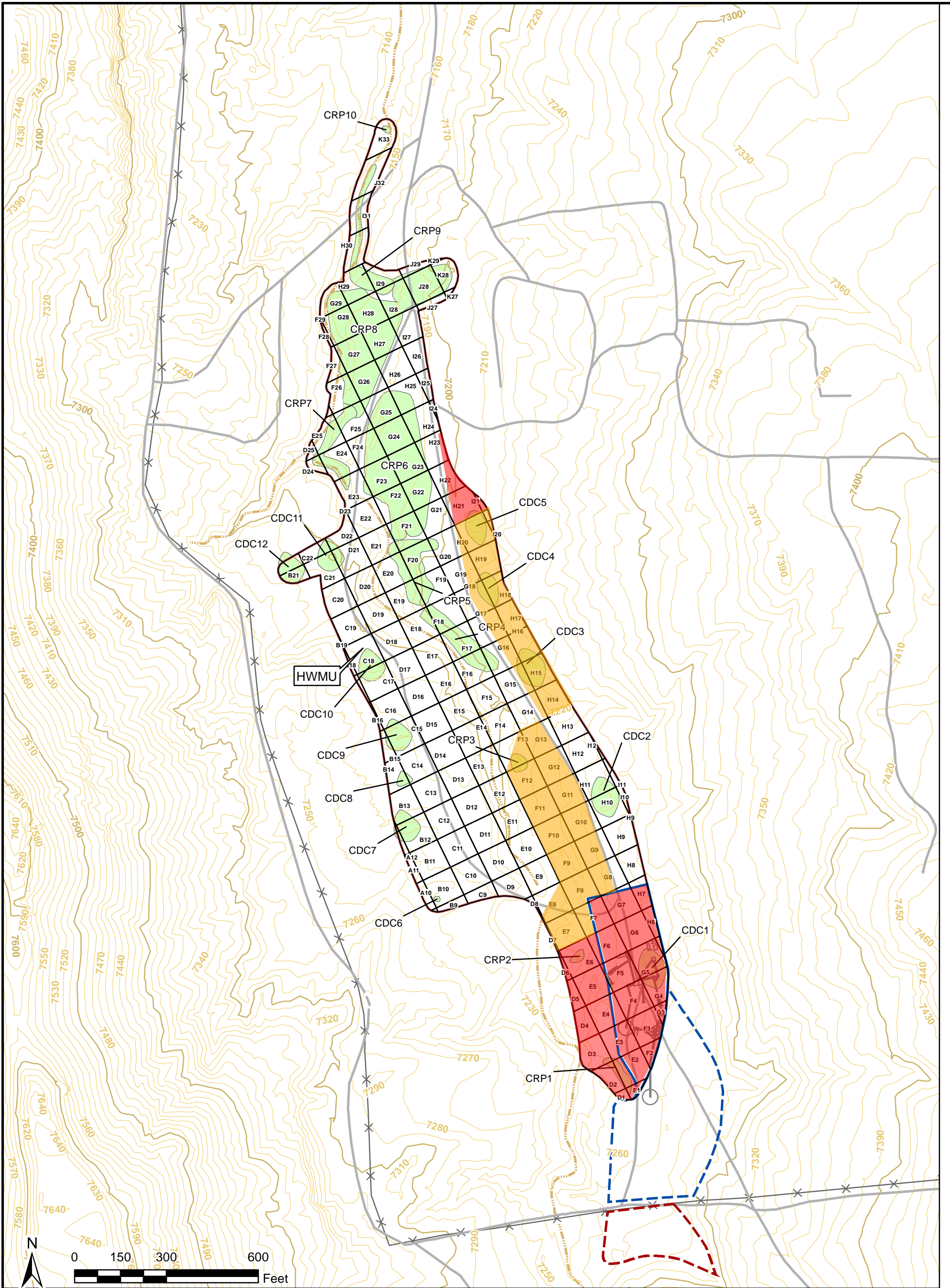


Project Name: HWMU Work Plan and Removal
Project Location: McKinley County, New Mexico

CAMU TREATMENT OPERATIONS LOG
WEEK OF MARCH 30 - APRIL 5, 2015
FORT WINGATE DEPOT ACTIVITY

Date	Start/End Time	Munition Type (e.g., fuze, projectile, etc.)	Nomenclature	Estimated NEW per Item (lbs)	Quantity or Weight (number or lbs)	Total NEW of Items (lbs)	Treatment Method	Ignition ¹ Source	Ignition Source Volume (gal)	Was solid waste treated with munitions? If yes, volume and reason for not separating from WMM.	Maintenance & Repair Activities at CAMU (Yes or No. If yes, see separate sheet)	Notes
3/31/2015	1000-1245	Projectile	40mm projectiles	0.25	800	200	burn	diesel	10	No	No	
4/2/2015	1230-1400	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Post-burn clean-up and MPPEH inspection

¹ Commercial donor explosives will typically consist of boosters and jet perforators. The NEW of boosters is a one pound composition of PETN.



Legend

- Installation Boundary
- Site Boundary
- Extent of Subsurface Waste
- Survey Grid
- Road
- Fence
- 10' Contour
- 100' Contour
- Arroyo
- Area URS obtained clean bottom
- Footprint for Processing Plant and Stockpiles
- Reserve Stockpile AOC
- Expansion to Permanent Stockpile for Soils Below SSLs
- Area URS excavated w/o reaching clean bottom

Processing Plant Site Map
Fort Wingate Depot Activity
McKinley County, New Mexico

Drawn By: JZ	Date: 5/1/2014
Checked By: JC	Project No: 16170613

Figure 1