

To: Project File (Memorandum)

Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM) at Fort Wingate, NM

From: Tim Idom, SUXOS, AECOM, FWDA Parcel 3 Closure & Corrective Action

1. The following ECMs were inspected for compliance with DoD 6055-09-M, DoDI 4160.62, AR 385-64, EP 1110-1-18 and SOP for Storage of Waste Military Munitions under the Conditional Exemption of the Military Munitions Rule Fort Wingate Depot Activity.
2. Two-year cycle Lightning Protection & Grounding System Tests were completed on 21 August 2015 and 11 May 2017 by Classic Lightning Protection, Inc. Copies of the certification tests are included at the end of this report.

A. ECM B-1042

The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.



Donor Explosive Inventory

Nomenclature	Quantity
Detonating Cord, 80 gr.	500 feet
Perforators	50 each

B. ECM B-1043

The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.

**Donor Explosive Inventory**

Nomenclature	Quantity
Electronic Detonators	40 each

C. ECM B-1037

The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.

**Explosive Inventory**

Nomenclature	Quantity
Empty	

D. ECM B-1030

The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.

**Explosive Inventory**

Nomenclature	Quantity
Empty	

E. ECM B-1027

The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.

**Explosive Inventory**

Nomenclature	Quantity
Empty	

F. ECM B-1026

The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.

**Explosive Inventory**

Nomenclature	Quantity
Empty	

G. Fire Extinguisher

The fire extinguisher located near B-1043 is fully charged. Inspection tag is up to date as of June 2017.

H. Security Fence

The 5 ft. firebreak inside and out of surrounding security is satisfactory. All gates are properly secured. See attached photos.



Outside perimeter of the fence looking west from the gate.



Inside perimeter of the fence looking west.



Outside perimeter of the fence looking north.



Inside perimeter of the fence looking north.



Ft Wingate Depot Activity
Quarterly Report Period 1 Dec 2016 - 27 Feb 2017

J. LIGHTNING PROTECTION INSPECTION

Classic Lightning Protection, Inc.



1424 E. Cedar Lane
Payson, Arizona 85541

(928) 474-1727

LIC # ROC 201612
Res / Cml / Ind

LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST 8/21/2015

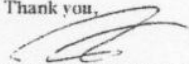
Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 500' of test leads with AEMC 4630.

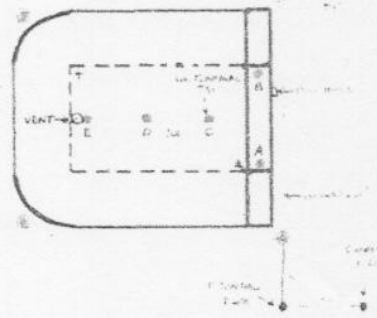
Unit #	Connections Tight	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	Noted Issues
B1028	Yes	1.86	.01	.01	.01	.01	.01	.07	None
B1029	Yes	1.95	.01	.01	.01	.01	.01	.01	None
B1038	Yes	1.31	.03	.03	.05	.04	.04	.09	None
B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

Conditions: Dry
Hours since rainfall: 48

*A F.O.P. reading of 25.0 ohms or less is acceptable.
A continuity reading of 1.0 ohms or less is acceptable.*

Thank you,


Kevin W. Morris, President
Certified Master Installer/Designer
LPI #1414 - UL #E254673



QUALITY LIGHTNING, GROUNDING AND SURGE PROTECTION SYSTEMS
www.classiclightningprotection.com



Classic Lightning Protection, Inc.



KEVIN W. MORRIS
1424 E. Cedar Lane

(928) 474-1727
Payson, Arizona 85541

LIC # ROC 201612
Res / Cml / Ind

LIGHTNING PROTECTION SYSTEM TEST

5/11/2017

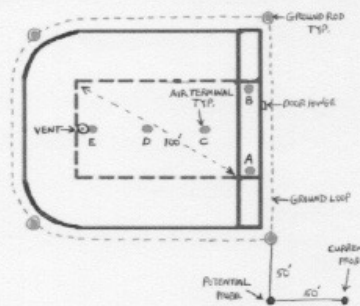
Facility: Ft. Wingate Depot - Gallup, NM Igloos (4) with 300' of test leads with AEMC 4610.

UNIT #	Errors	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge
B1026		1.18	.01	.01	.01	.01	.01	.01
B1027		1.11	.01	.01	.06	.01	.01	.01
B1030		2.33	.02	.02	.02	.02	.04	.02
B1037	Could not locate counterpoise loop	1.49	.01	.01	.01	.01	.01	.01
	See attached sheet	25 ohms & under ok	1. ohm & under in these categories ok					

Thank you,



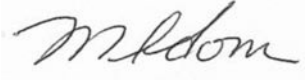
Kevin W. Morris, President
Certified Master Installer/Designer
LPI #1414 - UL #E254673



QUALITY LIGHTNING, GROUNDING AND SURGE PROTECTION SYSTEMS
www.classiclightningprotection.com



3. The above ECM inventory and inspection was conducted by Tim Idom (AECOM SUXOS) and Trevor Brown (AECOM UXO Tech III) on 06 June 2017.



Tim Idom
SUXOS, Fort Wingate Depot Activity
AECOM Technical Services, Inc.
360-320-0639

Date: June 2, 2016
To: Project File (Memorandum)
Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM)
Environmental Remediation Efforts, Fort Wingate Depot Activity, NM.
From: Scott Wardle, SUXOS, PIKA Pirnie JV, Inc.,

1. The Following ECMs were inspected for compliance with DOD 6055-09-M, DODI 4160.62, AR 385-64, EP 1110-1-18 and the SOP for Storage of Waste Military Munitions under the Conditional Exemption of the Military Munitions Rule Fort Wingate Depot Activity.
2. Two Year Cycle "Lightning Protection & Grounding System Test" was completed on 21 August 2015 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report (section J).
3. Donor explosives are currently being held in B-1028, B-1029, B-1039 and B-1041.
4. Fire Extinguisher - All Fire extinguishers located on site in front of applicable igloos are fully charged. Inspection Tags are up to date as of May 2016.
5. Security Fence - The 5-foot fire break inside and outside the security fence is satisfactory. Vegetation removal of B Block fence and ECM's is currently in progress for this maintenance period. All gates are properly secured. Previous fence damage around B-Block was identified in several locations and appears to be from large animals or vegetation removal equipment. The fence provides adequate security. See Attached photos.
6. The inventory and inspection of donor charges was conducted on 27 May 2016 and the inventory of WMM in B-1038 and B-1040 was conducted on 1 June 2016 by Scott Wardle (JV, SUXOS) and Brian Lowman (JV, UXO Tech II).

Scott Wardle

Scott Wardle
SUXOS
PIKA Pirnie JV
Fort Wingate Depot Activity
713-299-2918
wardle@pikainc.com

A. ECM B-1028

Routine mowing of the 50-foot firebreak was completed 1 June 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Brown Cap Boosters, ½ Lb.	100
Black Cap Booster, ¾ Lb.	18
Black Cap Booster, ¾ Lb.	60
Perf 3 3/8" TAG DP/GH RDX	20
Perf 3 3/8" TAG DP/GH RDX	78
Primacord Det 10 Cord, 50 grain	1000'
Primacord Det Cord, 50 grain	2555'
Fireline 17 Det Cord, 80 grain	385'
Primaline 21 Det Cord, 100 grain	540'
Detonating Cord, 200 grain	1765'

B. ECM B-1029

Routine mowing of the 50-foot firebreak was completed 1 June 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
20' Static Star seismic Detonator	47
Elec Detonators, SP/MS, 0, 16' Oms	25
Elec Detonators, SP/MS, 0, 16' Oms	25
Elec Detonators, SP/MS, 0, 16' Oms	150
Davey Fire Electric Igniters. 3' (Squib)	104

C. ECM B-1038

Routine mowing of the 50-foot firebreak was completed 1 June 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity¹
Bomb, Frag 20 lb., AN/M41	1
Booster, M102	1
Burster, M6, Projectile, 75mm	1
Fuze, Base Detonating, M60	2
Fuze, M51 series	1
Fuze, M56	9
Fuze, M66	1
Fuze, M67	1
Fuze, M72	1
Fuze, Mech Time, M500	1
Fuze, MK 149	33
Fuze, MK27	1
Fuze, Mortar, PD M53	1
Fuze, Nose, Bomb, AN-M110	3

Nomenclature	Quantity¹
Fuze, Nose, Bomb, AN-M120	4
Fuze, Nose, Bomb, AN-M158	2
Fuze, Point Detonating	1
Fuze, Projectile, M503A1	4
Fuze, Projectile, PD MK27	4
Fuze, Projectile, PD, M51	1
Fuze, Projectile, Variable Time, T73	9
Fuze, Rocket, M503A1	2
Mine, Bounding, M2A1	7
Mortar, 81mm, M43	1
Motor, Rocket, 2.36"	1
Primer, Detonator, M14	1
Projectile, 20 mm, HEI M97	1
Projectile, 37mm, M54	16
Projectile, 37mm, M63	1
Projectile, 40mm, MK2	54
Projectile, 57mm, M86	1
Projectile, 90mm, HE, M71	1
Rocket, 3.5" WP M30	1
Submunition, 4 lb. Frag Bomb, M83	6
Sub-munition, BLU 4	4
TOTAL	179

Note 1: The quantity of WMM is based on inventory conducted on 1 June 2016

D. ECM B-1039

Routine mowing of the 50-foot firebreak was completed 1 June 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
IMR 4831 Smokeless Powder	4.0 lbs.
Helix Activator Aluminum Powder Coated	8 gal

E. ECM B-1040

Routine mowing of the 50-foot firebreak was completed 1 June 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity¹
Projectile, 155mm, M110	3
Projectile, 75mm, WP, M64	21
Projectile, 90mm, WP, M313	1
TOTAL	25

Note 1: The quantity of WMM is based on inventory conducted on 1 June 2016

F. ECM B-1041

Routine mowing of the 50-foot firebreak was completed 1 June 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Helix Liquid Nitro-methane	8 gal

G. ECM B-1042

Routine mowing of the 50-foot firebreak was completed 1 June 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

H. ECM B-1043

Routine mowing of the 50-foot firebreak was completed 1 June 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

I. PHOTOLOG



East Entrance Gate looking North



SW Corner Perimeter looking North



West Gate 1



West Gate 2



West Gate 3



Northwest corner looking East

J. LIGHTNING PROTECTION INSPECTION



1424 E. Cedar Lane
 Payson, Arizona 85541

(928) 474-1727

LIC # ROC 201612
 Res / Cml / Ind

LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST

8/21/2015

Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 500' of test leads with AEMC 4630.

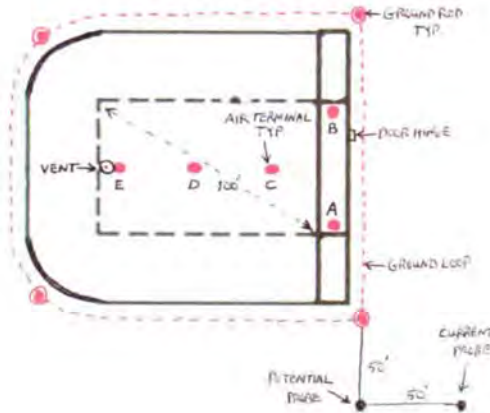
Unit #	Connections Tight	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	Noted Issues
B1028	Yes	1.86	.01	.01	.01	.01	.01	.07	None
B1029	Yes	1.95	.01	.01	.01	.01	.01	.01	None
B1038	Yes	1.31	.03	.03	.05	.04	.04	.09	None
B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

Conditions: Dry
 Hours since rainfall: 48

*A F.O.P. reading of 25.0 ohms or less is acceptable.
 A continuity reading of 1.0 ohms or less is acceptable.*

Thank you,

Kevin W. Morris, President
 Certified Master Installer/Designer
 LPI #1414 - UL #E254673



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Date: September 02, 2016
To: Project File (Memorandum)
Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM)
Environmental Remediation Efforts, Fort Wingate Depot Activity, NM.
From: Scott Wardle, SUXOS, PIKA Pirnie JV, Inc.,

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2. Two Year Cycle "Lightning Protection & Grounding System Test" was completed on 21 August 2015 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report (section J).
3. Two Year Cycle Visual "Lightning Protection & Grounding System Test" was completed on 31 August 2016 by JV personnel. No faults were noted in the structural integrity of the system.
4. Donor explosives are currently being held in B-1028, B-1029, B-1039 and B-1041.
5. Fire Extinguisher - All Fire extinguishers located on site in front of applicable igloos are fully charged. Inspection Tags are up to date as of Aug 2016.
6. Security Fence - The 5-foot fire-break inside and outside the security fence is satisfactory. Vegetation removal of B Block fence and ECM's is currently in progress for this maintenance period. All gates are properly secured. Previous fence damage around B-Block was identified in several locations and appears to be from large animals or vegetation removal equipment. The fence provides adequate security. See Attached photos.
7. The inventory and inspection of donor charges was conducted on 26 Aug 2016 by Mike Dominique (JV, SUXOS) and Collin Binkley (JV, UXO Tech III).

Scott Wardle

Scott Wardle
SUXOS
PIKA Pirnie JV
Fort Wingate Depot Activity
713-299-2918
swardle@pikainc.com

A. ECM B-1028

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Brown Cap Boosters, ½ Lb.	100
Black Cap Booster, ¾ Lb.	17
Black Cap Booster, ¾ Lb.	60
Perf 3 3/8" TAG DP/GH RDX	173
Primacord Det 10 Cord, 50 grain	1000'
Primacord Det Cord, 50 grain	970'
Fireline 17 Det Cord, 80 grain	333'
Primaline 21 Det Cord, 100 grain	800'
Detonating Cord, 200 grain	1550'

B. ECM B-1029

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
20' Static Star seismic Detonator	47
Elec Detonators, SP/MS, 0, 16' Oms	14
Davey Fire Electric Igniters. 3' (Squib)	100

C. ECM B-1038

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity
Bomb, Frag 20 lb., AN/M41	7
Bomb, Frag, 20 lb., AN/M41A1	1
Booster, Adapter, M21/M22/M23/M24	2
Booster, Various Nomenclatures	1
Bulk HE, Comp B	1
Fuze, BD, M62	1
Fuze, BD, M66/A1/A2	13
Fuze, BD, M72	1
Fuze, Bomb, 100 Series	1
Fuze, Grenade, M228	5
Fuze, M52	1
Fuze, Mech Time, M120/129	1
Fuze, Mech Time, M500 Series	8
Fuze, Nose, Bomb, AN-M104/M109	6
Fuze, Nose, Bomb, AN-M110	35
Fuze, Nose, Bomb, AN-M120	105
Fuze, Nose, Bomb, AN-M158	11

Nomenclature	Quantity
Fuze, Nose, Bomb, M111 series	5
Fuze, PD, M503A1	28
Fuze, PD, M51 series/M48	2
Fuze, PD, M52	3
Fuze, PD, M52/ M53	12
Fuze, PD, M56	5
Fuze, PD, M64	3
Fuze, PD, MK26/ Fuze, PD, No.253	1
Fuze, PD, MK27	1
Fuze, Projectile, MT, M43A1	1
Fuze, Rocket, 3.5", M404	6
Fuze, Rocket, MK 149/145	69
Fuze, VT XM766/M766 (40mm Bofors)	2
Fuze, VT, T73	73
Fuze, VT, T73, Det Only	87
Fuze, VT, T73, Detonator Only	193
Mine, Bounding, M2A1	16
Mine, Bounding, M2A1, Det Only	34
Motor, Rocket, 3.5", M28	3
Projectile, 20 mm, M97	14
Projectile, 37mm, M54	31
Projectile, 37mm, M63	1
Projectile, 40mm, MK2	136
Projectile, 57mm, M86	1
Projectile, 75mm, HEAT, M66	1
Projectile, 75mm, M334	1
Projectile, 75mm, WP, M64	4
Projectile, 90mm, M71	1
Projectile, 90mm, T-91	1
Rocket, 3.5", HEAT, M28	1
Rocket, 3.5", HE, M28A2	1
Rocket, 3.5", HEAT, M28	1
Rocket, 4.5", HE, M8	3
Submunition, 4 lb. Frag Bomb, M83	15
Sub-munition, BLU 3/B	1
Sub-munition, BLU 4/B	9
TOTAL	966

Note 1: The quantity of WMM is based on inventory conducted on 1 June 2016

D. ECM B-1039

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
IMR 4831 Smokeless Powder	3.0 lbs.
Helix Activator Aluminum Powder Coated	4 gal

E. ECM B-1040

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity¹
Burster, M6, Projo, 75mm WP	1
Fuze, PD, M64 WP	1
Projectile, 155mm, Chemical, M110	1
Projectile, 155mm, M110	3
Projectile, 155mm, M110 (Chemical)	1
Projectile, 75mm, WP, M64	34
Projectile, 90mm, WP, M313	1
TOTAL	42

Note 1: The quantity of WMM is based on inventory conducted on 1 June 2016

F. ECM B-1041

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Helix Liquid Nitro-methane	4 gal

G. ECM B-1042

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

H. ECM B-1043

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

I. PHOTOLOG



East Entrance Gate looking North



SW Corner Perimeter looking North



West Gate 1



West Gate 2



West Gate 3



Northwest corner looking East

J. LIGHTNING PROTECTION INSPECTION

Classic Lightning Protection, Inc.



1424 E. Cedar Lane (928) 474-1727 LIC # ROC 201612
 Payson, Arizona 85541 Res / Cml / Ind

LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST

8/21/2015

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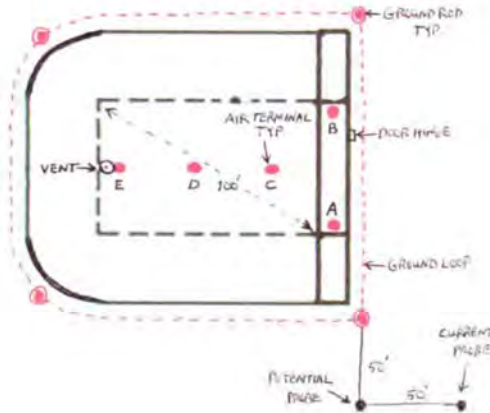
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B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

Conditions: Dry
 Hours since rainfall: 48

*A F.O.P. reading of 25.0 ohms or less is acceptable.
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Thank you,


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 LPI #1414 - UL #E254673



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Date: December 02, 2016
To: Project File (Memorandum)
Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM)
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From: Scott Wardle, SUXOS, PIKA Pirnie JV, Inc.,

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2. Two Year Cycle "Lightning Protection & Grounding System Test" was completed on 21 August 2015 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report (section J).
3. Two Year Cycle Visual "Lightning Protection & Grounding System Test" was completed on 31 August 2016 by JV personnel. No faults were noted in the structural integrity of the system.
4. Donor explosives are currently being held in B-1028, B-1029, B-1039 and B-1041.
5. Fire Extinguisher - All Fire extinguishers located on site in front of applicable igloos are fully charged. Inspection Tags are up to date as of Nov 2016.
6. Security Fence - The 5-foot fire-break inside and outside the security fence is satisfactory. Vegetation removal of B Block fence and ECM's is currently in progress for this maintenance period. All gates are properly secured. Previous fence damage around B-Block was identified in several locations and appears to be from large animals or vegetation removal equipment. The fence provides adequate security. See attached photos.
7. The inventory and inspection of donor charges was conducted on 22 Nov 2016 by Lee Mullert (JV, UXOQCS) and David Whetstone (JV, UXO Tech III).

Scott Wardle

Scott Wardle
SUXOS
PIKA Pirnie JV
Fort Wingate Depot Activity
713-299-2918
swardle@pikainc.com

A. ECM B-1028

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Brown Cap Boosters, ½ Lb.	34
Black Cap Booster, ¾ Lb.	17
Black Cap Booster, ¾ Lb.	22
Perf 3 3/8" TAG DP/GH RDX	74
Primacord 2.5 Detonating Cord, 12.5 grain	201'
Primaline 21 Detonating Cord, 100 grain	695'
Detonating Cord, 200 grain	800'

B. ECM B-1029

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Elec Detonators, SP/MS, 0, 16' Oms	88
Davey Fire Electric Igniters. 3' (Squib)	78

C. ECM B-1038

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity
Bomb, Frag 20 lb., AN/M41	18
Bomb, Frag, 20 lb., AN/M41A1	2
Booster, Adapter, M21/M22/M23/M24	14
Booster, M102	6
Bulk HE, Comp B	3
Burster, M6, Projo, 75mm WP	16
Fuze, M129/130/131	2
Fuze, BD, M62	1
Fuze, BD, M66/A1/A2	33
Fuze, BD, M72	8
Fuze, Grenade, M228	1
Fuze, Mech Time, M43	1
Fuze, Mech Time, M500 Series	4
Fuze, Nose, Bomb, AN-M104/M109	6
Fuze, Nose, Bomb, AN-M110	54
Fuze, Nose, Bomb, AN-M120	73
Fuze, Nose, Bomb, AN-M158	1

Nomenclature	Quantity
Fuze, PD, M503A1	72
Fuze, PD, M51 series/M48	5
Fuze, PD, M52	16
Fuze, PD, M53	6
Fuze, PD, M56	22
Fuze, PD, M64	18
Fuze, PD, MK27	1
Fuze, Rocket, 3.5", M404	12
Fuze, Rocket, M4A2	2
Fuze, Rocket, MK 149/145	271
Fuze, VT XM766/M766 (40mm Bofors)	2
Fuze, VT, T73	144
Fuze, VT, T73, Det Only	170
Mine, Bounding, M2A1	36
Mine, Bounding, M2A1, Det Only	6
Mortar, 60mm, M49	7
Mortar, 81mm, HE, M56	2
Motor, Rocket, 3.5", M28	1
Primer, Detonator, M14	20
Projectile, 105mm, HE, M1 (Comp. B filled)	1
Projectile, 20 mm, M97	48
Projectile, 37mm, M54	132
Projectile, 37mm, M63	2
Projectile, 40mm, MK2	416
Projectile, 57mm, M86	9
Projectile, 75mm, HEAT, M66	3
Projectile, 75mm, M334	2
Projectile, 75mm, M48	1
Projectile, 90mm, T-91	3
Rocket, 2.75", HE, M151	2
Rocket, 3.5", HEAT, M28	1
Rocket, 3.5", HEAT, M28	1
Rocket, 3.5", WP, M30	1
Rocket, 4.5", HE, M8	9
HE Residue, 4 lb. Frag Bomb, M83	57
HE Residue, BLU 3/B	2
HE Residue, BLU 4/B	5
TOTAL	1751

Note 1: The quantity of WMM is based on inventory conducted on 30 November 2016

D. ECM B-1039

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
IMR 4831 Smokeless Powder	5.5 lbs.
Helix Activator Aluminum Powder Coated	22 gal

E. ECM B-1040

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity ¹
Projectile, 155mm, WP, M110	7
TOTAL	7

Note 1: The quantity of WMM is based on inventory conducted on 30 November 2016

F. ECM B-1041

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Helix Liquid Nitro-methane	22 gal

G. ECM B-1042

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

H. ECM B-1043

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

I. PHOTOLOG



East Entrance Gate looking North



SW Corner Perimeter looking North



West Gate 1



West Gate 2



West Gate 3



Northwest corner looking East

J. LIGHTNING PROTECTION INSPECTION

Classic Lightning Protection, Inc.



1424 E. Cedar Lane
 Payson, Arizona 85541

(928) 474-1727

LIC # ROC 201612
 Res / Cml / Ind

LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST

8/21/2015

Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 500' of test leads with AEMC 4630.

Unit #	Connections Tight	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	Noted Issues
B1028	Yes	1.86	.01	.01	.01	.01	.01	.07	None
B1029	Yes	1.95	.01	.01	.01	.01	.01	.01	None
B1038	Yes	1.31	.03	.03	.05	.04	.04	.09	None
B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

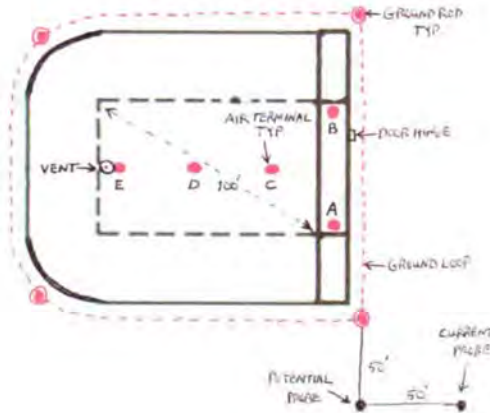
Conditions: Dry
 Hours since rainfall: 48

*A F.O.P. reading of 25.0 ohms or less is acceptable.
 A continuity reading of 1.0 ohms or less is acceptable.*

Thank you,



Kevin W. Morris, President
 Certified Master Installer/Designer
 LPI #1414 - UL #E254673



QUALITY LIGHTNING, GROUNDING AND SURGE PROTECTION SYSTEMS
www.classiclightningprotection.com



Date: February 27, 2017
To: Project File (Memorandum)
Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM)
Environmental Remediation Efforts, Fort Wingate Depot Activity, NM.
From: Scott Wardle, SUXOS, PIKA Pirnie JV, Inc.,

1. The JV transferred custody of ECM B-1042 and B-1043 to the United States Army Corps of Engineers (USACE) in 16 December 2016. The remaining ECMs were inspected on 27 February, 2017 for compliance with DOD 6055-09-M, DODI 4160.62, AR 385-64, EP 1110-1-18 and the SOP for Storage of Waste Military Munitions under the Conditional Exemption (CE) of the Military Munitions Rule Fort Wingate Depot Activity.
2. Two Year Cycle "Lightning Protection & Grounding System Test" was completed on 21 August 2015 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report (section J).
3. Two Year Cycle Visual "Lightning Protection & Grounding System Test" was completed on 31 August 2016 by JV personnel. No faults were noted in the structural integrity of the system.
4. No donor explosives or WMM are currently being held/stored in any of the ECMs.
5. Fire Extinguisher – Currently no fire extinguishers are placed outside of the ECMs since no donor materials or WMM are stored in any of the ECMs.
6. Security Fence - The 5-foot fire-break inside and outside the security fence is satisfactory. All gates are properly secured. Previous fence damage around B-Block was identified in several locations and appears to be from large animals or vegetation removal equipment. The fence provides adequate security. See attached photos.
7. The ECMS currently do not store any donor materials or WMM, hence no inventory is currently applicable.

Scott Wardle

Scott Wardle
SUXOS
PIKA Pirnie JV
Fort Wingate Depot Activity
713-299-2918
swardle@pikainc.com

A. ECM B-1028

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no donor material is stored within.



Donor Charge Inventory

Nomenclature	Quantity
None	NA

B. ECM B-1029

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no donor material is stored within.



Donor Charge Inventory

Nomenclature	Quantity
None	NA

C. ECM B-1038

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no WMM is stored within.



WMM Inventory

Nomenclature	Quantity
None	NA

D. ECM B-1039

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no donor material is stored within.



Donor Charge Inventory

Nomenclature	Quantity
None	NA

E. ECM B-1040

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no WMM is stored within.



WMM Inventory

Nomenclature	Quantity
None	NA

F. ECM B-1041

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no donor material is stored within.



Donor Charge Inventory

Nomenclature	Quantity
None	NA

Non-donor, non-WMM Material

This ECM contains three (3), 55-gallon steel drums. Details for each drum are as follows:

1. Drum 0314-CAMUOB-ASH-013: Full drum; contains waste ash from CAMU burn events. Contents have been confirmed as “non-hazardous” by the Transfer, Storage, Disposal Facility following review of the analytical results of a representative sample from this drum.
2. Drum 0314-CAMUOB-ASH-014: Partial drum; contains waste ash from CAMU burn events. Waste ash from drum will be sampled for analysis once the drum has been filled.
3. Drum 0314-CAMUOB-ASH-015: Partial drum contains waste ash samples.

G. ECM B-1042

The custody of this ECM was transferred back to the USACE on 16 December 2016.

H. ECM B-1043

The custody of this ECM was transferred back to the USACE on 16 December 2016.

I. PHOTOLOG



East Entrance Gate looking North



SE Corner Perimeter looking West



West Gate 1



West Gate 2



West Gate 3



Northwest corner looking East

J. LIGHTNING PROTECTION INSPECTION



1424 E. Cedar Lane
 Payson, Arizona 85541

(928) 474-1727

LIC # ROC 201612
 Res / Cml / Ind

LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST

8/21/2015

Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 500' of test leads with AEMC 4630.

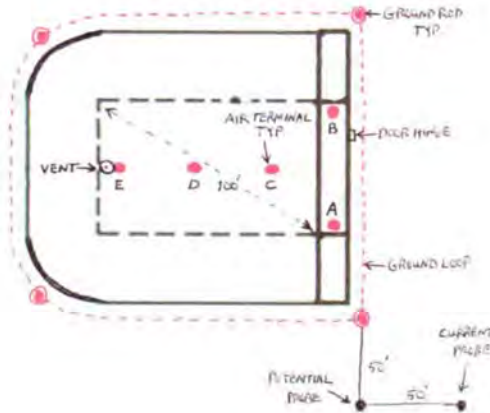
Unit #	Connections Tight	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	Noted Issues
B1028	Yes	1.86	.01	.01	.01	.01	.01	.07	None
B1029	Yes	1.95	.01	.01	.01	.01	.01	.01	None
B1038	Yes	1.31	.03	.03	.05	.04	.04	.09	None
B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

Conditions: Dry
 Hours since rainfall: 48

*A F.O.P. reading of 25.0 ohms or less is acceptable.
 A continuity reading of 1.0 ohms or less is acceptable.*

Thank you,


 Kevin W. Morris, President
 Certified Master Installer/Designer
 LPI #1414 - UL #E254673



QUALITY LIGHTNING, GROUNDING AND SURGE PROTECTION SYSTEMS
www.classiclightningprotection.com



Date: February 27, 2017
To: Project File (Memorandum)
Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM)
Environmental Remediation Efforts, Fort Wingate Depot Activity, NM.
From: Scott Wardle, SUXOS, PIKA Pirnie JV, Inc.,

1. The JV transferred custody of ECM B-1042 and B-1043 to the United States Army Corps of Engineers (USACE) in 16 December 2016. The remaining ECMs were inspected on 27 February, 2017 for compliance with DOD 6055-09-M, DODI 4160.62, AR 385-64, EP 1110-1-18 and the SOP for Storage of Waste Military Munitions under the Conditional Exemption (CE) of the Military Munitions Rule Fort Wingate Depot Activity.
2. Two Year Cycle “Lightning Protection & Grounding System Test” was completed on 21 August 2015 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report (section J).
3. Two Year Cycle Visual “Lightning Protection & Grounding System Test” was completed on 31 August 2016 by JV personnel. No faults were noted in the structural integrity of the system.
4. No donor explosives or WMM are currently being held/stored in any of the ECMs.
5. Fire Extinguisher – Currently no fire extinguishers are placed outside of the ECMs since no donor materials or WMM are stored in any of the ECMs.
6. Security Fence - The 5-foot fire-break inside and outside the security fence is satisfactory. All gates are properly secured. Previous fence damage around B-Block was identified in several locations and appears to be from large animals or vegetation removal equipment. The fence provides adequate security. See attached photos.
7. The ECMS currently do not store any donor materials or WMM, hence no inventory is currently applicable.

Scott Wardle

Scott Wardle
SUXOS
PIKA Pirnie JV
Fort Wingate Depot Activity
713-299-2918
swardle@pikainc.com

A. ECM B-1028

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no donor material is stored within.



Donor Charge Inventory

Nomenclature	Quantity
None	NA

B. ECM B-1029

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no donor material is stored within.



Donor Charge Inventory

Nomenclature	Quantity
None	NA

C. ECM B-1038

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no WMM is stored within.



WMM Inventory

Nomenclature	Quantity
None	NA

D. ECM B-1039

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no donor material is stored within.



Donor Charge Inventory

Nomenclature	Quantity
None	NA

E. ECM B-1040

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no WMM is stored within.



WMM Inventory

Nomenclature	Quantity
None	NA

F. ECM B-1041

The ECM door is properly locked and indicates proper contact information. An “EMPTY” sign is posted on the door since no donor material is stored within.



Donor Charge Inventory

Nomenclature	Quantity
None	NA

Non-donor, non-WMM Material

This ECM contains three (3), 55-gallon steel drums. Details for each drum are as follows:

1. Drum 0314-CAMUOB-ASH-013: Full drum; contains waste ash from CAMU burn events. Contents have been confirmed as “non-hazardous” by the Transfer, Storage, Disposal Facility following review of the analytical results of a representative sample from this drum.
2. Drum 0314-CAMUOB-ASH-014: Partial drum; contains waste ash from CAMU burn events. Waste ash from drum will be sampled for analysis once the drum has been filled.
3. Drum 0314-CAMUOB-ASH-015: Partial drum contains waste ash samples.

G. ECM B-1042

The custody of this ECM was transferred back to the USACE on 16 December 2016.

H. ECM B-1043

The custody of this ECM was transferred back to the USACE on 16 December 2016.

I. PHOTOLOG



East Entrance Gate looking North



SE Corner Perimeter looking West



West Gate 1



West Gate 2



West Gate 3



Northwest corner looking East

J. LIGHTNING PROTECTION INSPECTION



LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST

8/21/2015

Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 500' of test leads with AEMC 4630.

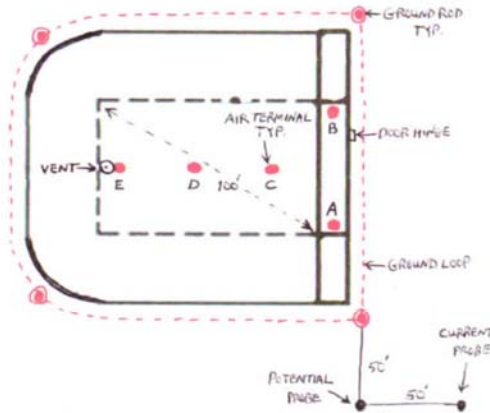
Unit #	Connections Tight	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	Noted Issues
B1028	Yes	1.86	.01	.01	.01	.01	.01	.07	None
B1029	Yes	1.95	.01	.01	.01	.01	.01	.01	None
B1038	Yes	1.31	.03	.03	.05	.04	.04	.09	None
B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

Conditions: Dry
 Hours since rainfall: 48

*A F.O.P. reading of 25.0 ohms or less is acceptable.
 A continuity reading of 1.0 ohms or less is acceptable.*

Thank you,


 Kevin W. Morris, President
 Certified Master Installer/Designer
 LPI #1414 - UL #E254673



QUALITY LIGHTNING, GROUNDING AND SURGE PROTECTION SYSTEMS
www.classiclightningprotection.com



Date: December 02, 2016
To: Project File (Memorandum)
Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM)
Environmental Remediation Efforts, Fort Wingate Depot Activity, NM.
From: Scott Wardle, SUXOS, PIKA Pirnie JV, Inc.,

1. The Following ECMs were inspected for compliance with DOD 6055-09-M, DODI 4160.62, AR 385-64, EP 1110-1-18 and the SOP for Storage of Waste Military Munitions under the Conditional Exemption (CE) of the Military Munitions Rule Fort Wingate Depot Activity.
2. Two Year Cycle "Lightning Protection & Grounding System Test" was completed on 21 August 2015 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report (section J).
3. Two Year Cycle Visual "Lightning Protection & Grounding System Test" was completed on 31 August 2016 by JV personnel. No faults were noted in the structural integrity of the system.
4. Donor explosives are currently being held in B-1028, B-1029, B-1039 and B-1041.
5. Fire Extinguisher - All Fire extinguishers located on site in front of applicable igloos are fully charged. Inspection Tags are up to date as of Nov 2016.
6. Security Fence - The 5-foot fire-break inside and outside the security fence is satisfactory. Vegetation removal of B Block fence and ECM's is currently in progress for this maintenance period. All gates are properly secured. Previous fence damage around B-Block was identified in several locations and appears to be from large animals or vegetation removal equipment. The fence provides adequate security. See attached photos.
7. The inventory and inspection of donor charges was conducted on 22 Nov 2016 by Lee Mullert (JV, UXOQCS) and David Whetstone (JV, UXO Tech III).

Scott Wardle

Scott Wardle
SUXOS
PIKA Pirnie JV
Fort Wingate Depot Activity
713-299-2918
swardle@pikainc.com

A. ECM B-1028

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Brown Cap Boosters, ½ Lb.	34
Black Cap Booster, ¾ Lb.	17
Black Cap Booster, ¾ Lb.	22
Perf 3 3/8" TAG DP/GH RDX	74
Primacord 2.5 Detonating Cord, 12.5 grain	201'
Primaline 21 Detonating Cord, 100 grain	695'
Detonating Cord, 200 grain	800'

B. ECM B-1029

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Elec Detonators, SP/MS, 0, 16' Oms	88
Davey Fire Electric Igniters. 3' (Squib)	78

C. ECM B-1038

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity
Bomb, Frag 20 lb., AN/M41	18
Bomb, Frag, 20 lb., AN/M41A1	2
Booster, Adapter, M21/M22/M23/M24	14
Booster, M102	6
Bulk HE, Comp B	3
Burster, M6, Projo, 75mm WP	16
Fuze, M129/130/131	2
Fuze, BD, M62	1
Fuze, BD, M66/A1/A2	33
Fuze, BD, M72	8
Fuze, Grenade, M228	1
Fuze, Mech Time, M43	1
Fuze, Mech Time, M500 Series	4
Fuze, Nose, Bomb, AN-M104/M109	6
Fuze, Nose, Bomb, AN-M110	54
Fuze, Nose, Bomb, AN-M120	73
Fuze, Nose, Bomb, AN-M158	1

Nomenclature	Quantity
Fuze, PD, M503A1	72
Fuze, PD, M51 series/M48	5
Fuze, PD, M52	16
Fuze, PD, M53	6
Fuze, PD, M56	22
Fuze, PD, M64	18
Fuze, PD, MK27	1
Fuze, Rocket, 3.5", M404	12
Fuze, Rocket, M4A2	2
Fuze, Rocket, MK 149/145	271
Fuze, VT XM766/M766 (40mm Bofors)	2
Fuze, VT, T73	144
Fuze, VT, T73, Det Only	170
Mine, Bounding, M2A1	36
Mine, Bounding, M2A1, Det Only	6
Mortar, 60mm, M49	7
Mortar, 81mm, HE, M56	2
Motor, Rocket, 3.5", M28	1
Primer, Detonator, M14	20
Projectile, 105mm, HE, M1 (Comp. B filled)	1
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Projectile, 37mm, M63	2
Projectile, 40mm, MK2	416
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Projectile, 75mm, HEAT, M66	3
Projectile, 75mm, M334	2
Projectile, 75mm, M48	1
Projectile, 90mm, T-91	3
Rocket, 2.75", HE, M151	2
Rocket, 3.5", HEAT, M28	1
Rocket, 3.5", HEAT, M28	1
Rocket, 3.5", WP, M30	1
Rocket, 4.5", HE, M8	9
HE Residue, 4 lb. Frag Bomb, M83	57
HE Residue, BLU 3/B	2
HE Residue, BLU 4/B	5
TOTAL	1751

Note 1: The quantity of WMM is based on inventory conducted on 30 November 2016

D. ECM B-1039

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
IMR 4831 Smokeless Powder	5.5 lbs.
Helix Activator Aluminum Powder Coated	22 gal

E. ECM B-1040

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity ¹
Projectile, 155mm, WP, M110	7
TOTAL	7

Note 1: The quantity of WMM is based on inventory conducted on 30 November 2016

F. ECM B-1041

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Helix Liquid Nitro-methane	22 gal

G. ECM B-1042

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

H. ECM B-1043

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

I. PHOTOLOG



East Entrance Gate looking North



SW Corner Perimeter looking North



West Gate 1



West Gate 2



West Gate 3



Northwest corner looking East

J. LIGHTNING PROTECTION INSPECTION



1424 E. Cedar Lane
 Payson, Arizona 85541

(928) 474-1727

LIC # ROC 201612
 Res / Cml / Ind

LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST

8/21/2015

Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 500' of test leads with AEMC 4630.

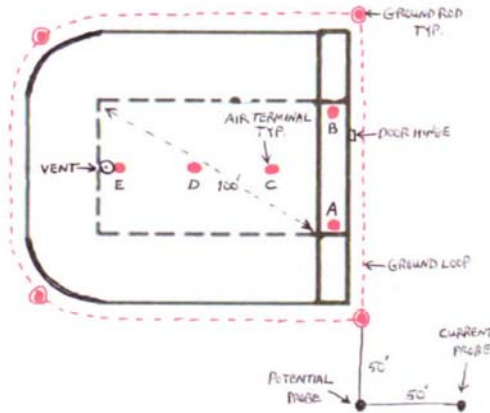
Unit #	Connections Tight	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	Noted Issues
B1028	Yes	1.86	.01	.01	.01	.01	.01	.07	None
B1029	Yes	1.95	.01	.01	.01	.01	.01	.01	None
B1038	Yes	1.31	.03	.03	.05	.04	.04	.09	None
B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

Conditions: Dry
 Hours since rainfall: 48

*A F.O.P. reading of 25.0 ohms or less is acceptable.
 A continuity reading of 1.0 ohms or less is acceptable.*

Thank you,

Kevin W. Morris, President
 Certified Master Installer/Designer
 LPI #1414 - UL #E254673



QUALITY LIGHTNING, GROUNDING AND SURGE PROTECTION SYSTEMS
www.classiclightningprotection.com



Date: September 02, 2016
To: Project File (Memorandum)
Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM)
Environmental Remediation Efforts, Fort Wingate Depot Activity, NM.
From: Scott Wardle, SUXOS, PIKA Pirnie JV, Inc.,

1. The Following ECMs were inspected for compliance with DOD 6055-09-M, DODI 4160.62, AR 385-64, EP 1110-1-18 and the SOP for Storage of Waste Military Munitions under the Conditional Exemption of the Military Munitions Rule Fort Wingate Depot Activity.
2. Two Year Cycle "Lightning Protection & Grounding System Test" was completed on 21 August 2015 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report (section J).
3. Two Year Cycle Visual "Lightning Protection & Grounding System Test" was completed on 31 August 2016 by JV personnel. No faults were noted in the structural integrity of the system.
4. Donor explosives are currently being held in B-1028, B-1029, B-1039 and B-1041.
5. Fire Extinguisher - All Fire extinguishers located on site in front of applicable igloos are fully charged. Inspection Tags are up to date as of Aug 2016.
6. Security Fence - The 5-foot fire-break inside and outside the security fence is satisfactory. Vegetation removal of B Block fence and ECM's is currently in progress for this maintenance period. All gates are properly secured. Previous fence damage around B-Block was identified in several locations and appears to be from large animals or vegetation removal equipment. The fence provides adequate security. See Attached photos.
7. The inventory and inspection of donor charges was conducted on 26 Aug 2016 by Mike Dominique (JV, SUXOS) and Collin Binkley (JV, UXO Tech III).

Scott Wardle

Scott Wardle
SUXOS
PIKA Pirnie JV
Fort Wingate Depot Activity
713-299-2918
swardle@pikainc.com

A. ECM B-1028

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Brown Cap Boosters, ½ Lb.	100
Black Cap Booster, ¾ Lb.	17
Black Cap Booster, ¾ Lb.	60
Perf 3 3/8" TAG DP/GH RDX	173
Primacord Det 10 Cord, 50 grain	1000'
Primacord Det Cord, 50 grain	970'
Fireline 17 Det Cord, 80 grain	333'
Primaline 21 Det Cord, 100 grain	800'
Detonating Cord, 200 grain	1550'

B. ECM B-1029

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
20' Static Star seismic Detonator	47
Elec Detonators, SP/MS, 0, 16' Oms	14
Davey Fire Electric Igniters. 3' (Squib)	100

C. ECM B-1038

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity
Bomb, Frag 20 lb., AN/M41	7
Bomb, Frag, 20 lb., AN/M41A1	1
Booster, Adapter, M21/M22/M23/M24	2
Booster, Various Nomenclatures	1
Bulk HE, Comp B	1
Fuze, BD, M62	1
Fuze, BD, M66/A1/A2	13
Fuze, BD, M72	1
Fuze, Bomb, 100 Series	1
Fuze, Grenade, M228	5
Fuze, M52	1
Fuze, Mech Time, M120/129	1
Fuze, Mech Time, M500 Series	8
Fuze, Nose, Bomb, AN-M104/M109	6
Fuze, Nose, Bomb, AN-M110	35
Fuze, Nose, Bomb, AN-M120	105
Fuze, Nose, Bomb, AN-M158	11

Nomenclature	Quantity
Fuze, Nose, Bomb, M111 series	5
Fuze, PD, M503A1	28
Fuze, PD, M51 series/M48	2
Fuze, PD, M52	3
Fuze, PD, M52/ M53	12
Fuze, PD, M56	5
Fuze, PD, M64	3
Fuze, PD, MK26/ Fuze, PD, No.253	1
Fuze, PD, MK27	1
Fuze, Projectile, MT, M43A1	1
Fuze, Rocket, 3.5", M404	6
Fuze, Rocket, MK 149/145	69
Fuze, VT XM766/M766 (40mm Bofors)	2
Fuze, VT, T73	73
Fuze, VT, T73, Det Only	87
Fuze, VT, T73, Detonator Only	193
Mine, Bounding, M2A1	16
Mine, Bounding, M2A1, Det Only	34
Motor, Rocket, 3.5", M28	3
Projectile, 20 mm, M97	14
Projectile, 37mm, M54	31
Projectile, 37mm, M63	1
Projectile, 40mm, MK2	136
Projectile, 57mm, M86	1
Projectile, 75mm, HEAT, M66	1
Projectile, 75mm, M334	1
Projectile, 75mm, WP, M64	4
Projectile, 90mm, M71	1
Projectile, 90mm, T-91	1
Rocket, 3.5", HEAT, M28	1
Rocket, 3.5", HE, M28A2	1
Rocket, 3.5", HEAT, M28	1
Rocket, 4.5", HE, M8	3
Submunition, 4 lb. Frag Bomb, M83	15
Sub-munition, BLU 3/B	1
Sub-munition, BLU 4/B	9
TOTAL	966

Note 1: The quantity of WMM is based on inventory conducted on 1 June 2016

D. ECM B-1039

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
IMR 4831 Smokeless Powder	3.0 lbs.
Helix Activator Aluminum Powder Coated	4 gal

E. ECM B-1040

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



WMM Inventory

Nomenclature	Quantity¹
Burster, M6, Projo, 75mm WP	1
Fuze, PD, M64 WP	1
Projectile, 155mm, Chemical, M110	1
Projectile, 155mm, M110	3
Projectile, 155mm, M110 (Chemical)	1
Projectile, 75mm, WP, M64	34
Projectile, 90mm, WP, M313	1
TOTAL	42

Note 1: The quantity of WMM is based on inventory conducted on 1 June 2016

F. ECM B-1041

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM door is properly locked and indicates proper contact information.



Donor Charge Inventory

Nomenclature	Quantity
Helix Liquid Nitro-methane	4 gal

G. ECM B-1042

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

H. ECM B-1043

Routine mowing of the 50-foot firebreak was completed 10 Aug 2016. The ECM is locked, empty and clean.



Inventory

Nomenclature	Quantity
N/A	Empty

I. PHOTOLOG



East Entrance Gate looking North



SW Corner Perimeter looking North



West Gate 1



West Gate 2



West Gate 3



Northwest corner looking East

J. LIGHTNING PROTECTION INSPECTION



LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST

8/21/2015

Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 500' of test leads with AEMC 4630.

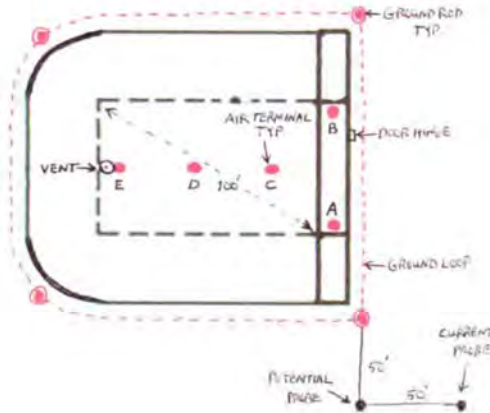
Unit #	Connections Tight	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	Noted Issues
B1028	Yes	1.86	.01	.01	.01	.01	.01	.07	None
B1029	Yes	1.95	.01	.01	.01	.01	.01	.01	None
B1038	Yes	1.31	.03	.03	.05	.04	.04	.09	None
B1039	Yes	1.02	.05	.05	.08	.07	.07	.11	None
B1040	Yes	1.33	.06	.06	.06	.07	.07	.11	None
B1041	Yes	1.30	.08	.09	.09	.09	.09	.13	None
B1042	Yes	1.44	.09	.09	.09	.12	.09	.14	None
B1043	Yes	1.34	.11	.13	.11	.11	.12	.16	None

Conditions: Dry
 Hours since rainfall: 48

*A F.O.P. reading of 25.0 ohms or less is acceptable.
 A continuity reading of 1.0 ohms or less is acceptable.*

Thank you,


 Kevin W. Morris, President
 Certified Master Installer/Designer
 LPI #1414 - UL #E254673



QUALITY LIGHTNING, GROUNDING AND SURGE PROTECTION SYSTEMS
www.classiclightningprotection.com

