



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

June 29, 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 purpose of this letter is to comply with paragraph IX.G.1.b Storage at Designated Igloos, of the CAMU Permit which requires the Permittee to demonstrate compliance with 40 CFR 266.205 annually by submitting a report documenting compliance with the requirement of 266.205(a)(1) and (2) by June 30 of each year.

The attached inspection and inventory reports are submitted as documentation that we are not storing chemical agents or chemical munitions in accordance with 40 CFR 266.205(a) (1).

Fort Wingate Depot Activity is under the jurisdiction of the Department of Defense Explosives Safety Board (DDESB) in accordance with 40 CFR 266.205(a) (2).

If you have questions or require further information, please call me at (330) 358-7312.

Sincerely,

Mark Patterson  
BRAC Environmental Coordinator

CF:  
Dave Cobrain, NMED, HWB  
Ben Wear, NMED, HWB  
Steve Smith, USACE  
Eric Kirwan, USACE  
Admin Record, NM  
Admin Record, OH

**To:** Project File (Memorandum)

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

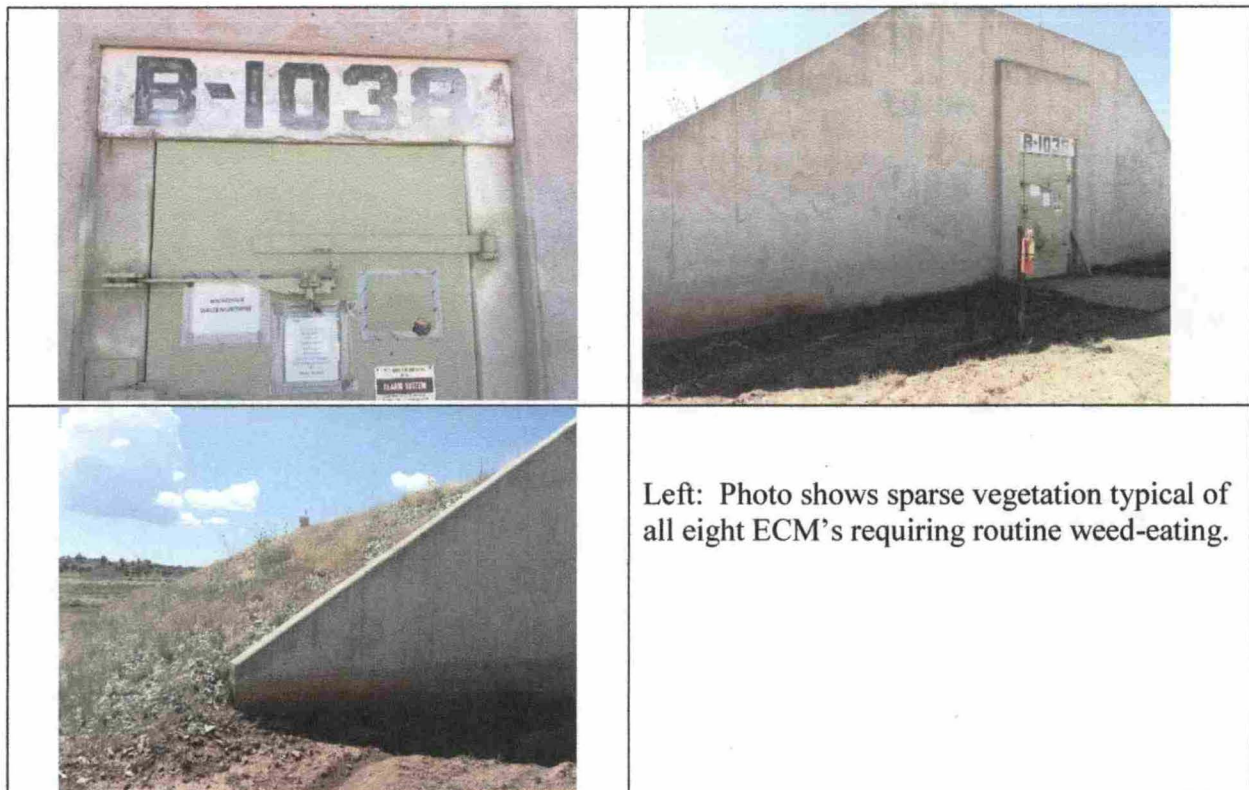
**From:** Randy Burrington, SUXOS, URS Group, Inc., FWDA Removal Action, Gallup, NM

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 "Lighting Protection & Grounding System Test" was completed on 06 August 2014 by Classic Lightning Protection, Inc. Corrections noted during this inspection include "front blast wall air terminal not covering corners". This was noted for ECMs B-1028, B-1029, B-1038, B-1039, B-1040, B-1041, B-1042, and B-1043. Copy of the current certification is included at the end of this report.

**A. ECM B-1038**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 12 September 2014. Routine weed-eating is needed on top and around the ECM. The ECM door is properly locked and indicates proper contact information. See attached photos.

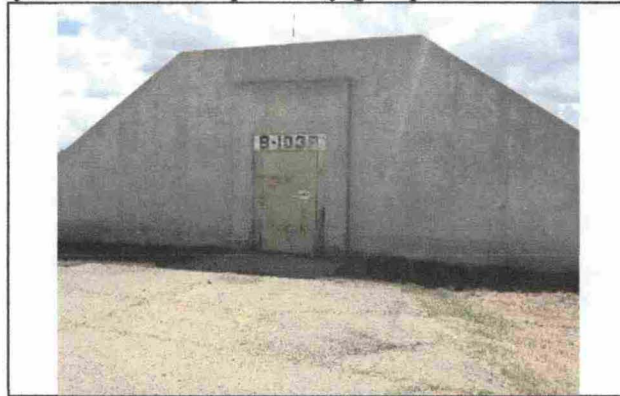


**WMM Inventory**

Nomenclature	Quantity
Empty	

**B. ECM B-1039**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 12 September 2014. Routine weed-eating is needed on top and around the ECM. The ECM door is properly locked and indicates proper contact information. All mag cards for WMM are current/correct and being stored properly; to include compatibility groups. See attached photo.

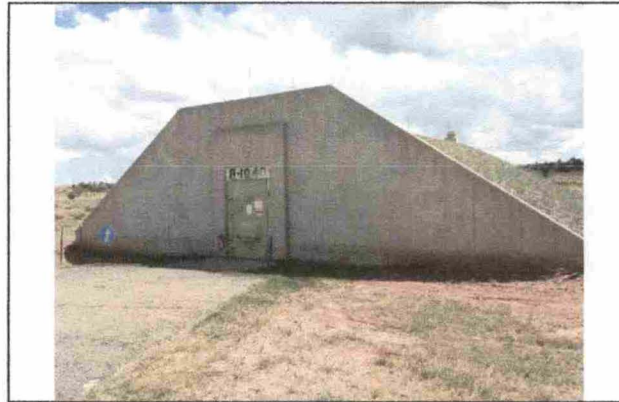


**WMM Inventory**

Nomenclature	Quantity
M83 butterfly bomb	49
20mm projectile	839
37mm projectile M54	19
37mm projectile M63	1
60mm shell for M2 landmine	12
81mm mortar	2
57mm APHE projectile	1
BLU-4 (unfuzed / partial)	23
Burster	5
M41 20-pound fragmentation bomb	30
75mm HE projectile	6
90mm HE projectile	1
MPPEH	24
40mm projectile	2626

**C. ECM B-1040**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 12 September 2014. Routine weed-eating is needed on top and around the ECM. The ECM door is properly locked and indicates proper contact information. All mag cards for WMM are current/correct and being stored properly; to include compatibility groups. See attached photo.

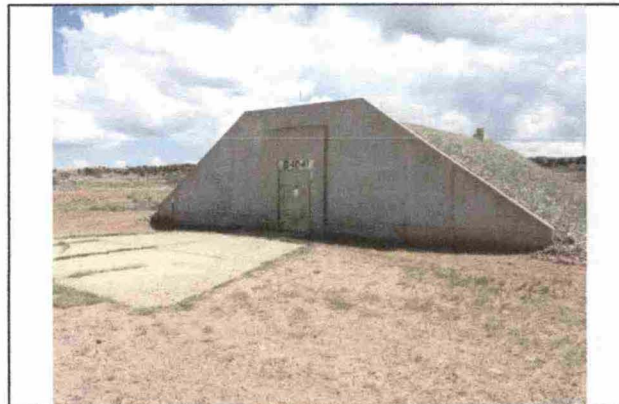


**WMM Inventory**

Nomenclature	Quantity
75mm WP projectile	32
M29 3.5" WP rocket warhead	1
2" smoke mortar	11
90mm WP projectile	1

**D. ECM B-1041**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 12 September 2014. Routine weed-eating is needed on top and around the ECM. The ECM door is properly locked and indicates proper contact information. See attached photo.



**WMM Inventory**

Nomenclature	Quantity
Empty	

**E. ECM B-1042**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 12 September 2014. Routine weed-eating is needed on top and around the ECM. The ECM door is properly locked and indicates proper contact information. All mag cards for WMM are current/correct and being stored properly; to include compatibility groups. See attached photo.



**WMM Inventory**

Nomenclature	Quantity
Base fuze	3
M66 fuze	28
Booster	39
Point detonating fuze	3
Primer	1

**F. ECM B-1043**

The 50 ft. firebreak surrounding ECM has scattered spring growth exceeding 6 inches. The ECM door is properly locked and indicates proper contact information. All mag cards for WMM are current/correct and being stored properly; to include compatibility groups. See attached photo.



**WMM Inventory**

Nomenclature	Quantity
Rocket motor for M28 3.5" rocket	8
Propellant for 3.5" rocket motor	1
Rocket motor with fuze for 3.5" rocket	2

**G. ECM B-1028**

The 50 ft. firebreak surrounding ECM has scattered spring growth exceeding 6 inches. The ECM door is properly locked and indicates proper contact information. All mag cards for donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.



**Donor Explosives Inventory**

Nomenclature	Quantity
Nonel lead line	250'
Boosters	219
Detonating cord	938
Jet perforator 19gm	26

**H. ECM B-1029**

The 50 ft. firebreak surrounding ECM has scattered spring growth exceeding 6 inches. The ECM door is properly locked and indicates proper contact information. All mag cards for donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.



**Donor Explosives Inventory**

Nomenclature	Quantity
Electric match	39
Detonator, electric	26
Detonator, Nonel 30'	42

**I. Fire Extinguisher.**

The five fire extinguishers on site located near B-1028, B-1029, B-1039, B-1040 and B-1043, are fully charged. Inspections tags are up to date as of September 2014.

**J. Security Fence**

The 5 ft. firebreak inside and out of surrounding security is satisfactory. Routine mowing was completed on 12 September 2014. Routine weed-eating is required to get the remaining vegetation in excess of 6 inches along the fence line. All gates are properly secured. The fence is damaged in several locations as noted before around B block but still provides security. See attached photos.



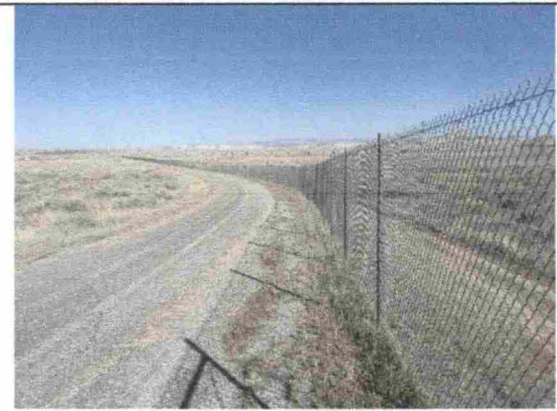
Outside perimeter of the fence looking west from the gate.



Inside perimeter of the fence looking west.



Outside perimeter of the fence looking north.



Inside perimeter of the fence looking north.

# 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 & GROUNDING SYSTEMS TEST**

8/6/2014

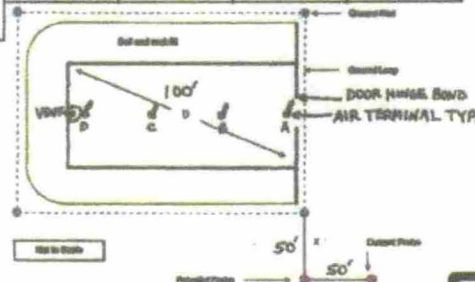
Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 300' of test leads with AEMC 4630.

UNIT #	ERRORS NOTED	F.O.P. TEST	EARTH TO A	A TO B	A TO C	A TO D	HINGE
B1028	Front blast wall center air terminal not covering corners.	1.78	.01	.01	.01	.01	.01
B1029	Front blast wall center air terminal not covering corners.	1.91	.01	.01	.01	.37	.01
B1038	Front blast wall center air terminal not covering corners.	1.13	.01	.01	.01	.01	.01
B1039	Front blast wall center air terminal not covering corners.	1.04	.01	.01	.01	.01	.01
B1040	Front blast wall center air terminal not covering corners.	1.36	.01	.01	.02	.01	.01
B1041	Front blast wall center air terminal not covering corners.	1.22	.01	.01	.01	.01	.01
B1042	Front blast wall center air terminal not covering corners.	1.37	.01	.01	.01	.01	.01
B1043	Front blast wall center air terminal not covering corners.	1.30	.01	.01	.01	.01	.01

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/WMM inventory and inspection was conducted by Randy Burrington (URS SUXOS) and James Peek (URS UXO TECH III) on 13 September 2014.

*Randy L. Burrington*  
Randy L. Burrington  
SUXOS  
URS Group, Inc.  
505-728-4742

**To:** Project File (Memorandum)

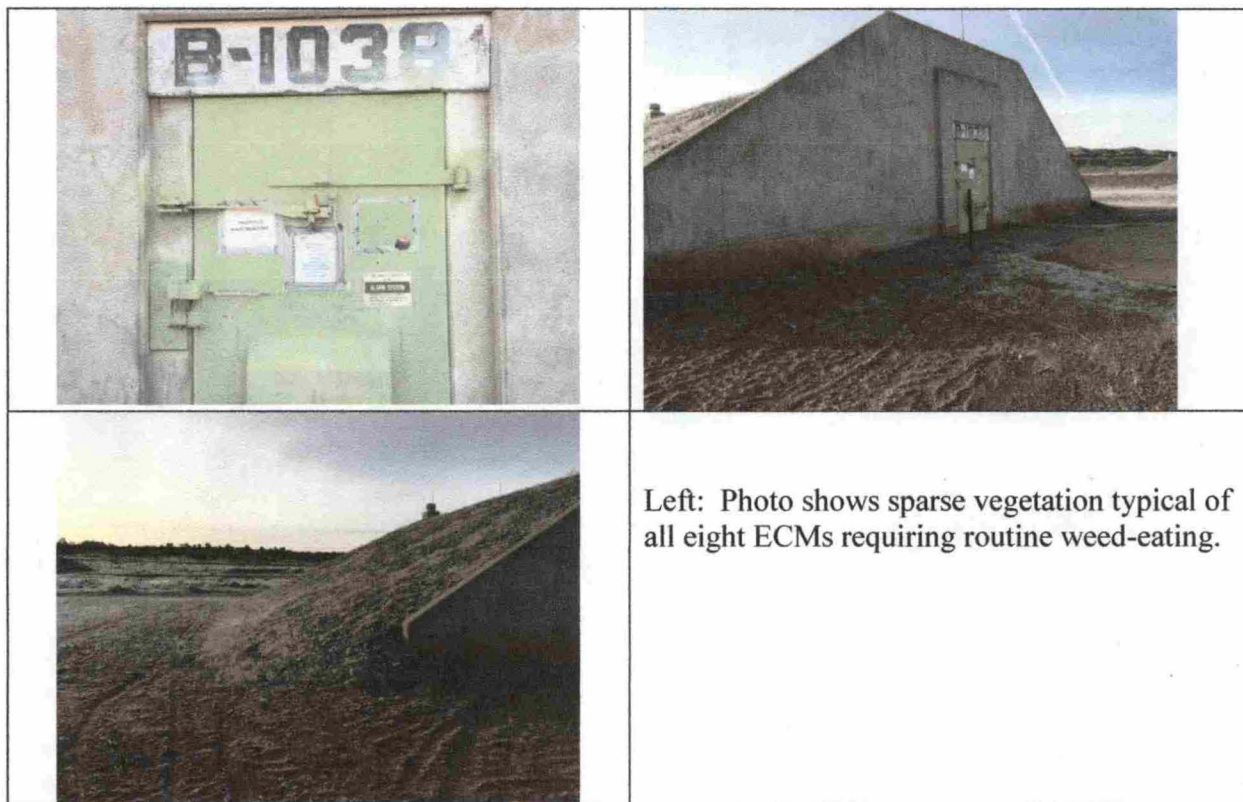
**Subject:** Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM) at Fort Wingate, NM.

**From:** Tim Idom, SUXOS, URS Group, Inc., FWDA Removal Action, Gallup, NM

- 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.
- Two year cycle "Lighting Protection & Grounding System Test" was completed on 06 August 2014 by Classic Lightning Protection, Inc. Corrections noted during this inspection include "front blast wall air terminal not covering corners". This was noted on previous inspection for ECMs B-1028, B-1029, B-1038, B-1039, B-1040, B-1041, B-1042, B-1043, and is still in need of corrections. Copy of the current certification is included at the end of this report.

**A. ECM B-1038**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 1 October 2014. Routine weed eating is needed on top and around the ECM. The ECM door is properly locked, sealed (seal numbers 83802 and 83803), and indicates proper contact information. See attached photos.



**WMM Inventory**

Nomenclature	Quantity
AN-M66A2 2,000lb. GP Bomb	1

**B. ECM B-1039**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 1 October 2014. Routine weed eating is needed on top and around the ECM. The ECM door is properly locked and indicates proper contact information. See attached photo.

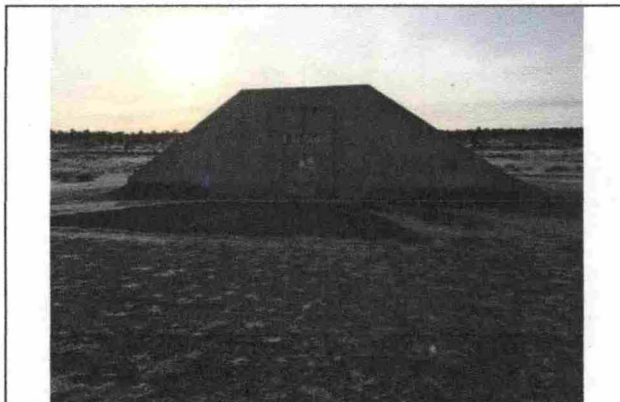


**WMM Inventory**

Nomenclature	Quantity
Empty	

**C. ECM B-1040**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 1 October 2014. Routine weed eating is needed on top and around the ECM. The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for WMM are current/correct and being stored properly to include compatibility groups. See attached photo.

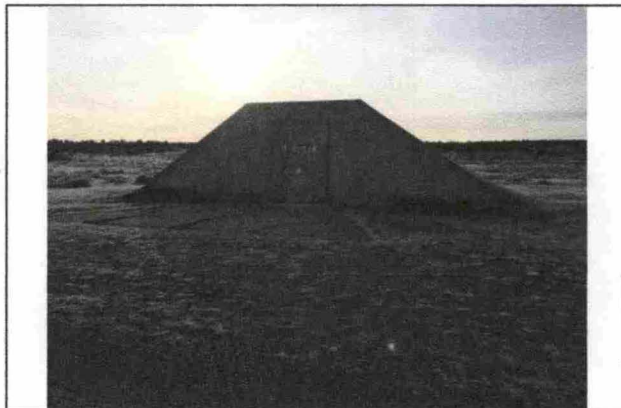


**WMM Inventory**

Nomenclature	Quantity
75mm WP projectile	20
M29 3.5" WP rocket warhead	1
105mm WP projectile	4
90mm WP projectile	1

**D. ECM B-1041**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 1 October 2014. Routine weed eating is needed on top and around the ECM. The ECM door is properly locked and indicates proper contact information. See attached photo.

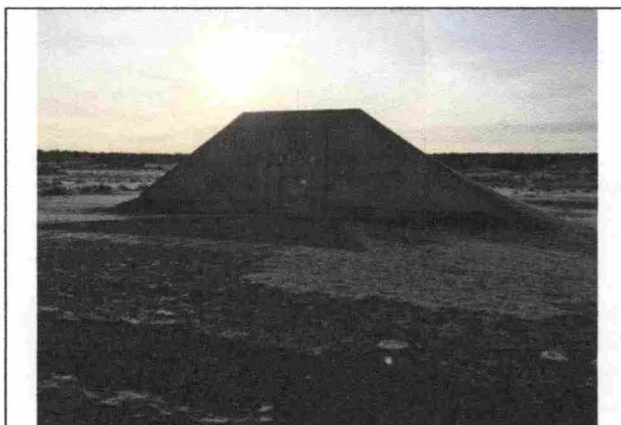


**WMM Inventory**

Nomenclature	Quantity
Empty	

**E. ECM B-1042**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 1 October 2014. The ECM door is properly locked and indicates proper contact information. See attached photo.



**WMM Inventory**

Nomenclature	Quantity
Empty	

**F. ECM B-1043**

The 50 ft. firebreak surrounding ECM has scattered growth exceeding 6 inches. The ECM door is properly locked and indicates proper contact information. See attached photo.

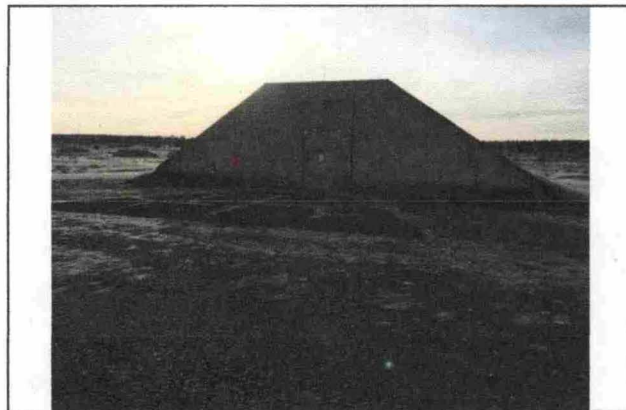


**WMM Inventory**

Nomenclature	Quantity
Empty	

**G. ECM B-1028**

The 50 ft. firebreak surrounding ECM has scattered growth exceeding 6 inches. The ECM door is properly locked and indicates proper contact information. All mag cards for donor explosives are current and correct. All explosives are being stored properly to include compatibility groups. See attached photo.



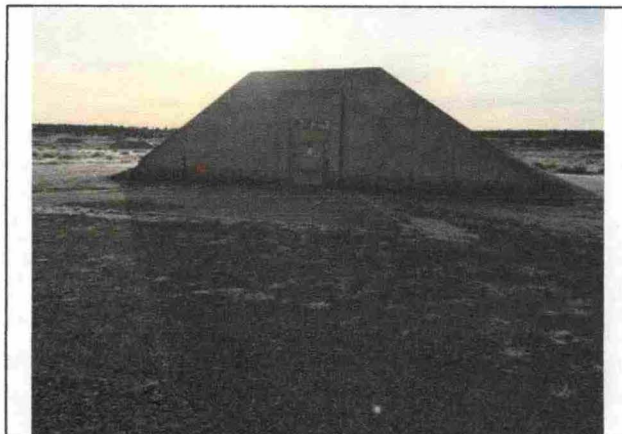
**Donor Explosives Inventory**

Nomenclature	Quantity
Boosters	145
Detonating cord, 80grain	1300'
Jet perforator 28gm	10
Jet Perforator 19.5gm	150

**H. ECM B-1029**

The 50 ft. firebreak surrounding ECM has scattered growth exceeding 6 inches. The ECM door is properly locked and indicates proper contact information. All mag cards for donor explosives

are current and correct. All explosives are being stored properly to include compatibility groups. See attached photo.



**Donor Explosives Inventory**

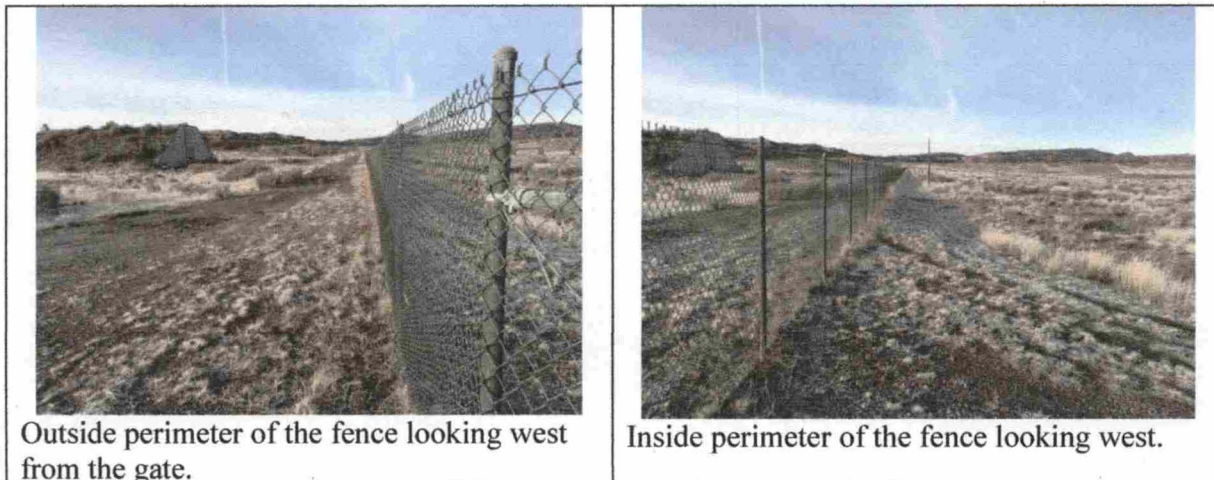
Nomenclature	Quantity
Electric match	28
Detonator, electric	26
Detonator, Nonel 30'	27

**I. Fire Extinguisher.**

The five fire extinguishers on site located near B-1028, B-1029, B-1039, B-1040, and B-1043 are fully charged. Inspections tags are up to date as of December 2014.

**J. Security Fence**

The 5 ft. firebreak inside and out of surrounding security is satisfactory. Routine mowing was completed on 1 October 2014. Routine weed eating is required to get the remaining vegetation in excess of 6 inches along the fence line. All gates are properly secured. The fence is damaged in several locations as noted before around B block but still provides security. 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.

# 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 & GROUNDING SYSTEMS TEST**

8/6/2014

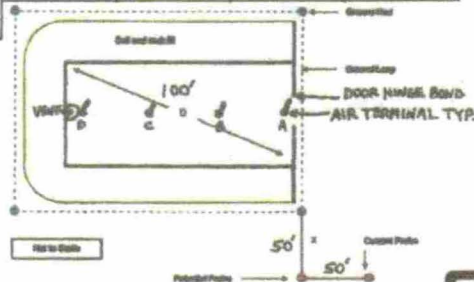
Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 300' of test leads with AEMC 4630.

UNIT #	ERRORS NOTED	F.O.P. TEST	EARTH TO A	A TO B	A TO C	A TO D	HINGE
B1028	Front blast wall center air terminal not covering corners.	1.78	.01	.01	.01	.01	.01
B1029	Front blast wall center air terminal not covering corners.	1.91	.01	.01	.01	.37	.01
B1038	Front blast wall center air terminal not covering corners.	1.13	.01	.01	.01	.01	.01
B1039	Front blast wall center air terminal not covering corners.	1.04	.01	.01	.01	.01	.01
B1040	Front blast wall center air terminal not covering corners.	1.36	.01	.01	.02	.01	.01
B1041	Front blast wall center air terminal not covering corners.	1.22	.01	.01	.01	.01	.01
B1042	Front blast wall center air terminal not covering corners.	1.37	.01	.01	.01	.01	.01
B1043	Front blast wall center air terminal not covering corners.	1.30	.01	.01	.01	.01	.01

Thank you,



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



QUALITY LIGHTNING, GROUNDING AND SURGE PROTECTION SYSTEMS  
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3. The above ECM/WMM inventory and inspection was conducted by Tim Idom (URS SUXOS) and Eric Charlton (URS UXO Tech III) on 8 December 2014.



Tim Idom  
SUXOS  
URS Group, Inc.  
360-320-0639

**To:** Project File (Memorandum)

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

**From:** Tim Idom, SUXOS, URS Group, Inc., FWDA Removal Action, Gallup, NM

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 "Lighting Protection & Grounding System Test" was completed on 06 August 2014 by Classic Lightning Protection, Inc. Corrections noted during this inspection include "front blast wall air terminal not covering corners." This was noted on previous inspection for ECMs B-1038, B-1039, B-1040, B-1041, B-1042, and B-1043. The grounding repairs were completed by Classic Lightning Protection, Inc. on 06 January 2015. Copies of the August 2014 and January 2015 certification tests are included at the end of this report.

3. Magazines B-1028 and B-1029 were unlocked, emptied, and cleaned. Both magazines were turned over to USACE for use at their discretion. URS will maintain the required 50 ft. firebreak around each magazine. Donor explosives are currently being held in B-1042 and B-1043.

**A. ECM B-1038**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 February 2015. The ECM door is properly locked and indicates proper contact information. See attached photo.



**WMM Inventory**

Nomenclature	Quantity
AN-M66A2 2,000lb GP Bomb	1

**B. ECM B-1039**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 February 2015. The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for WMM are current/correct and being stored properly; to include compatibility groups.



**WMM Inventory**

Nomenclature	Quantity
40mm projectile	1064
20mm projectile	84
37mm projectile	70
57mm projectile	27
BLU-4 (unfuzed)	1
M83 Butterfly Bomb (unfuzed)	1
Boosters	139
20lb Frag Bomb	1
Bulk HE	6
MPPEH	1
5" Rocket Warhead	1

**C. ECM B-1040**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 February 2015. The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for WMM are current/correct and being stored properly; to include compatibility groups.



**WMM Inventory**

Nomenclature	Quantity
75mm WP projectile	4

**D. ECM B-1041**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 February 2015. The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for WMM are current/correct and being stored properly; to include compatibility groups.



**WMM Inventory**

Nomenclature	Quantity
BD Fuze	285
PD Fuze	9

**E. ECM B-1042**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 February 2015. The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct. All explosives are being stored properly; to include compatibility groups.



**WMM Inventory**

Nomenclature	Quantity
Boosters, 1lb.	82
Perforators, 26gr.	116
Detonating Cord, 80grn.	1820'

**F. ECM B-1043**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 February 2015. The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct. All explosives are being stored properly; to include compatibility groups.



**WMM Inventory**

Nomenclature	Quantity
NONEL Caps	138

**G. ECM B-1028**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 February 2015. The ECM is unlocked, empty, and clean. The magazine has been turned over to USACE for use at their discretion.



**WMM Inventory**

Nomenclature	Quantity
Empty	

**H. ECM B-1029**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 February 2015. The ECM is unlocked, empty, and clean. The magazine has been turned over to USACE for use at their discretion.



**WMM Inventory**

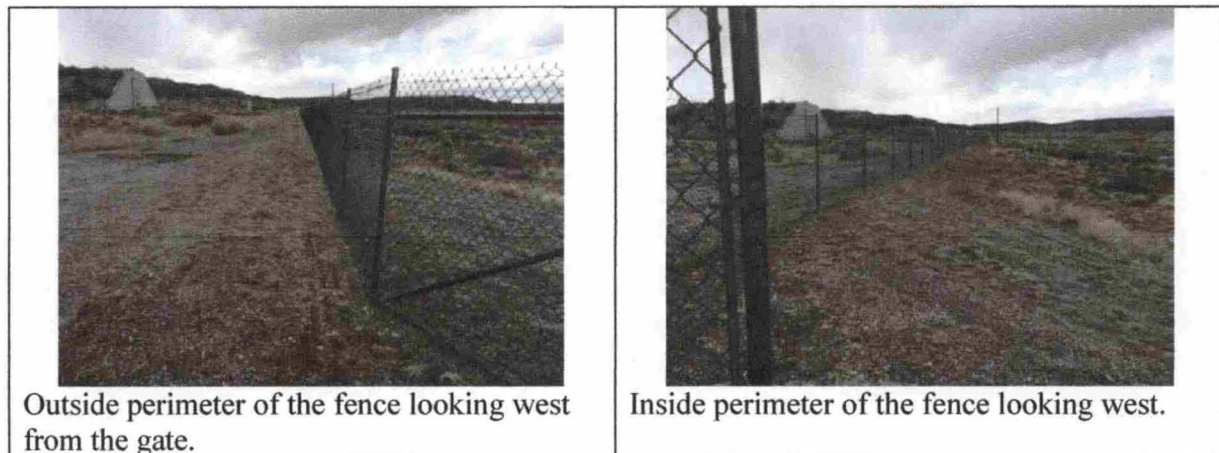
Nomenclature	Quantity
Empty	

**I. Fire Extinguisher**

The two fire extinguishers on site located near B-1038 and B-1043 are fully charged. Inspections tags are up to date as of March 2015.

**J. Security Fence**

The 5 ft. firebreak inside and out of surrounding security is satisfactory. Routine mowing was completed on 10-13 February 2015. All gates are properly secured. The fence is damaged in several locations as noted before around B-block but still provides security. 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.



# Classic Lightning Protection, Inc.



KEVIN W. MORRIS  
1424 E. Cedar Lane

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Payson, Arizona 85541

LIC # ROC 201612  
Res / Cml / Ind

**LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST**

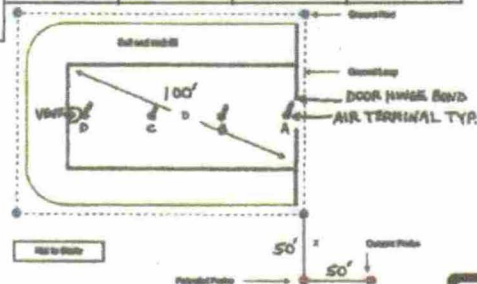
8/6/2014

Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 300' of test leads with AEMC 4630.

UNIT #	ERRORS NOTED	F.O.P. TEST	EARTH TO A	A TO B	A TO C	A TO D	HINGE
B1028	Front blast wall center air terminal not covering corners.	1.78	.01	.01	.01	.01	.01
B1029	Front blast wall center air terminal not covering corners.	1.91	.01	.01	.01	.37	.01
B1038	Front blast wall center air terminal not covering corners.	1.13	.01	.01	.01	.01	.01
B1039	Front blast wall center air terminal not covering corners.	1.04	.01	.01	.01	.01	.01
B1040	Front blast wall center air terminal not covering corners.	1.36	.01	.01	.02	.01	.01
B1041	Front blast wall center air terminal not covering corners.	1.22	.01	.01	.01	.01	.01
B1042	Front blast wall center air terminal not covering corners.	1.37	.01	.01	.01	.01	.01
B1043	Front blast wall center air terminal not covering corners.	1.30	.01	.01	.01	.01	.01

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 ADDITIONS SYSTEM TEST**

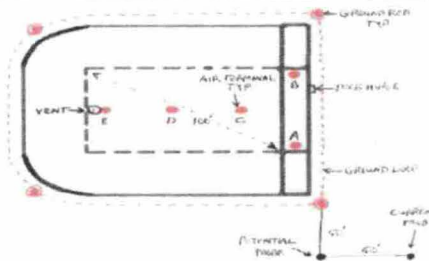
1/6/2015

Facility: Ft. Wingate Depot - Gallup, NM Igloos (8) 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
B1028	None		.01	.01				
B1029	None		.01	.01				
B1038	None		.01	.01				
B1039	None		.01	.01				
B1040	None		.01	.01				
B1041	None		.01	.01				
B1042	None		.01	.01				
B1043	None		.01	.01				

Thank you,

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



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[www.classiclightningprotection.com](http://www.classiclightningprotection.com)



3. The above ECM/WMM inventory and inspection was conducted by Tim Idom (URS SUXOS) and Eric Charlton (URS UXO TECH III) on 02 March 2015.



Tim Idom  
SUXOS, Fort Wingate Depot Activity  
URS Group, Inc.  
360-320-0639

**To:** Project File (Memorandum)

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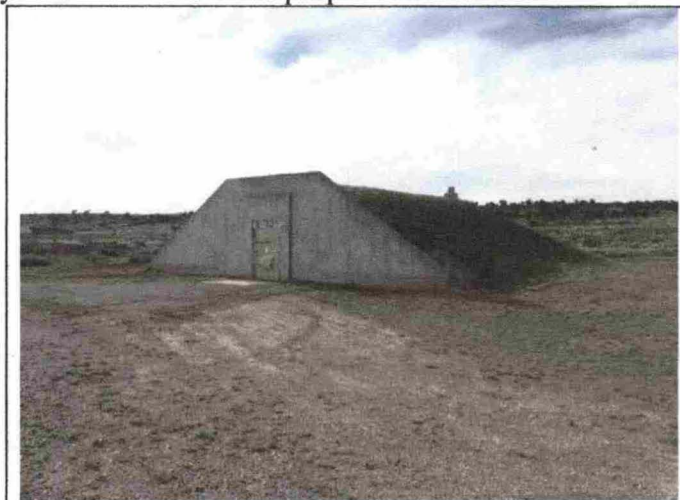
1. The following ECMs were inspected for compliance with DOD 6055-09-M, DODI 4160.62, AR 385-64, EP 1110-1-18 and the SOP for Storage of Waste Military Munitions under the Conditional Exemption of the Military Munitions Rule Fort Wingate Depot Activity.

2. Two year cycle "Lighting Protection & Grounding System Test" was completed on 06 August 2014 by Classic Lightning Protection, Inc. Corrections noted during this inspection include "front blast wall air terminal not covering corners." This was noted on previous inspection for ECMs B-1038, B-1039, B-1040, B-1041, B-1042, and B-1043. The grounding repairs were completed by Classic Lightning Protection, Inc. on 06 January 2015. Copies of the August 2014 and January 2015 certification tests are included at the end of this report.

3. Magazine B-1038 was unlocked, emptied, and cleaned. Magazine has been turned over to USACE for use at their discretion.

**A. ECM B-1039**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 May 2015. The ECM door is properly locked and indicates proper contact information. See attached photo.



**WMM Inventory**

Nomenclature	Quantity
Empty	

**B. ECM B-1040**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 May 2015. The ECM door is properly locked and indicates proper contact information. See attached photo.

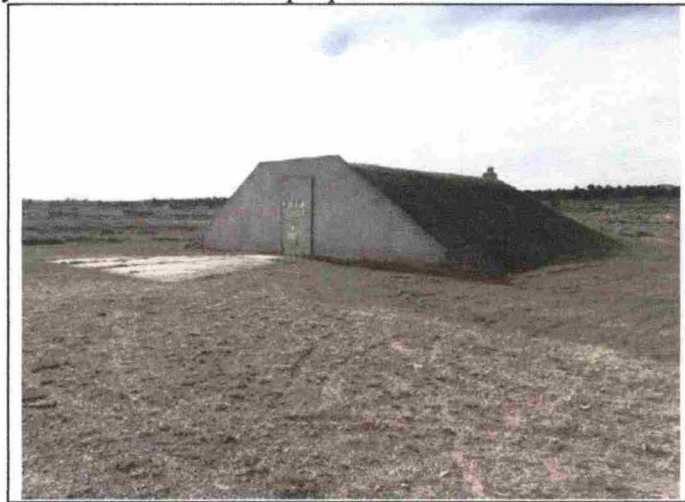


**WMM Inventory**

Nomenclature	Quantity
Empty	

**C. ECM B-1041**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 May 2015. The ECM door is properly locked and indicates proper contact information. See attached photo.



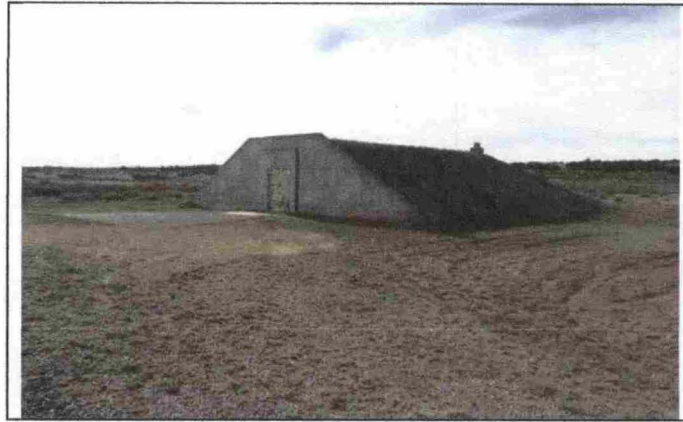
**WMM Inventory**

Nomenclature	Quantity
Empty	

**D. ECM B-1042**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 May 2015. The ECM door is properly locked and indicates proper contact information. See attached photo. All

mag cards for donor explosives are current/correct. All explosives are being stored properly; to include compatibility groups.

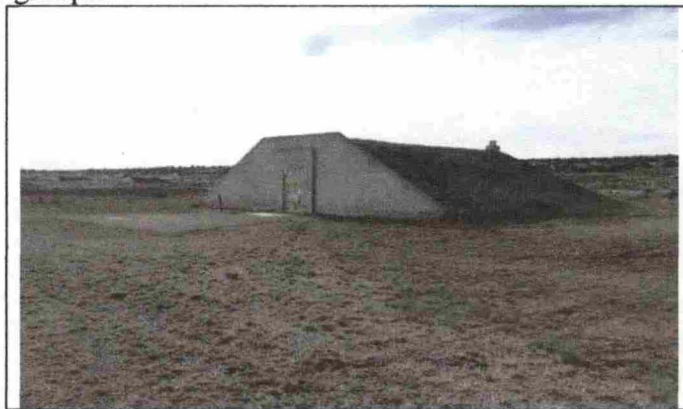


**WMM Inventory**

Nomenclature	Quantity
Boosters, 1lb.	12 Each
Perforators, 26gr.	31 Each
Detonating Cord, 80grn.	400 Feet
NONEL Trunk Line	4850'

**E. ECM B-1043**

Routine mowing of the 50 ft. firebreak surrounding ECM was completed on 09 May 2015. The ECM door is properly locked and indicates proper contact information. See attached photo. All mag cards for donor explosives are current/correct. All explosives are being stored properly; to include compatibility groups.



**WMM Inventory**

Nomenclature	Quantity
NONEL Caps	101
Electric Matches	32

**F. Fire Extinguisher**

The one fire extinguisher on site located near B-1043 is fully charged. Inspections tag is up to date as of May 2015.

**G. Security Fence**

The 5 ft. firebreak inside and out of surrounding security is satisfactory. Routine mowing was completed on 8-9 May 2015. All gates are properly secured. The fence is damaged in several locations as noted before around B-block but still provides security. 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.

# Classic Lightning Protection, Inc.



KEVIN W. MORRIS  
1424 E. Cedar Lane

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Payson, Arizona 85541

LIC # ROC 201612  
Res / Cml / Ind

**LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST**

8/6/2014

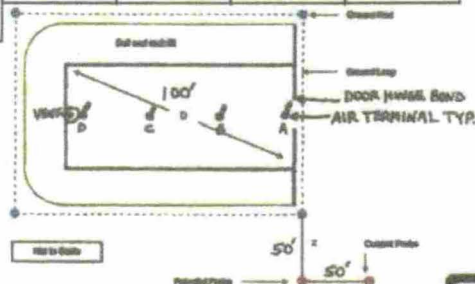
Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 300' of test leads with AEMC 4630.

UNIT #	ERRORS NOTED	E.O.P. TEST	EARTH TO A	A TO B	A TO C	A TO D	HINGE
B1028	Front blast wall center air terminal not covering corners.	1.78	.01	.01	.01	.01	.01
B1029	Front blast wall center air terminal not covering corners.	1.91	.01	.01	.01	.37	.01
B1038	Front blast wall center air terminal not covering corners.	1.13	.01	.01	.01	.01	.01
B1039	Front blast wall center air terminal not covering corners.	1.04	.01	.01	.01	.01	.01
B1040	Front blast wall center air terminal not covering corners.	1.36	.01	.01	.02	.01	.01
B1041	Front blast wall center air terminal not covering corners.	1.22	.01	.01	.01	.01	.01
B1042	Front blast wall center air terminal not covering corners.	1.37	.01	.01	.01	.01	.01
B1043	Front blast wall center air terminal not covering corners.	1.30	.01	.01	.01	.01	.01

Thank you,



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



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Res / Cml / Ind

**LIGHTNING PROTECTION ADDITIONS SYSTEM TEST**

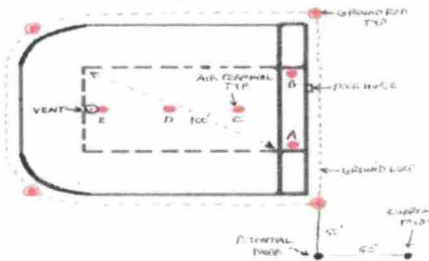
1/6/2015

Facility: Ft. Wingate Depot - Gallup, NM Igloos (8) 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
B1028	None		.01	.01				
B1029	None		.01	.01				
B1038	None		.01	.01				
B1039	None		.01	.01				
B1040	None		.01	.01				
B1041	None		.01	.01				
B1042	None		.01	.01				
B1043	None		.01	.01				

Thank you,

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



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4. The above ECM/WMM inventory and inspection was conducted by Tim Idom (URS SUXOS) and Trevor Brown (URS UXO TECH II) on 27 May 2015.



Tim Idom  
SUXOS, Fort Wingate Depot Activity  
URS Group, Inc.  
360-320-0639

**To:** Project File (Memorandum)

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

**From:** Scott Wardle, SUXOS, PIKA, Inc., FWDA Removal Action, Gallup, NM

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 06 August 2014 by Classic Lightning Protection, Inc. Copies of the August 2014 and January 2015 certification tests are included at the end of this report.

3. Donor explosives are currently being Held in B-1028 and B-1029.

**A. ECM B-1028**

Routine mowing of the 50 foot firebreak was recently completed by URS Group, Inc. The ECM door is properly locked and Indicates proper contact information. See attached photo.



**Donor Charge Inventory**

Nomenclature	Quantity
Booster, ¾ Lb.	100
Perforator, 19.5 gram	198
Detonating Cord, 25 grain	1,500'
Detonating Cord, 100 grain	790'

**B. ECM B-1029**

Routine mowing of the 50 foot firebreak was recently completed by URS Group, Inc. The ECM door is properly locked and Indicates proper contact information. See attached photo.



**Donor Charge Inventory**

Nomenclature	Quantity
Blasting Cap, Electric	46

**C. ECM B-1038**

Routine mowing of the 50 foot firebreak was recently completed by URS Group, Inc. The ECM door is properly locked and Indicates proper contact information. See attached photo.



**WMM Inventory**

Nomenclature	Quantity
MPPEH (Verification items)	118
12 in Miscellaneous High Explosive Igniter BURSTER TUBE	1
18 in Projectile High Explosive burster tube No Fuze	1
2 in Fuze High Explosive	1
2 in Projectile Anti-Aircraft Tracer No Fuze	3
2 in Projectile High Explosive No Fuze	1
2 in Projectile Tracer No Fuze	3
2.5 in Projectile High Explosive No Fuze	1
20 lb Bomb Anti-Personnel High Explosive AN/M41 Point Detonating	1

3 in Fuze	6
3.5 in Fuze Anti-Tank High Explosive	4
30 mm Projectile Anti-Personnel High Explosive	1
30 mm Projectile No Fuze	1
35 mm Fuze Anti-Personnel	1
35 mm Fuze	1
35 mm Fuze High Explosive Base Detonating	1
37 mm HE	44
37 mm M74 AP/T	1
37 mm Projectile Tracer No Fuze	1
37 mm Tracer	4
4 in Projectile Anti-Aircraft Tracer No Fuze	1
4.2" tail boom	1
40 mm AP/T	1
40 mm HE	115
40 mm HE T-91	1
40 mm HE Tracer	3
40 mm Tracer	6
50 mm Fuze Anti-Tank 3.5" ROCKET fuze Base Detonating	1
500 series MT comp	1
57 mm APHE w/M66	2
6 in Projectile High Explosive burster tube No Fuze	1
7 in Miscellaneous High Explosive Igniter	1
75 mm HE	11
75 mm M41 HE	1
75mm mm Projectile Anti-Tank High Explosive Base Detonating	1
76 mm Projectile High Explosive No Fuze	1
8 in Miscellaneous High Explosive BURSTER No Fuze	1
Fuze Point Detonating	1
9 in Fuze BURSTER	1

9 in Miscellaneous High Explosive BURSTER No Fuze	1
Bomb comp.	1
Bomb Lug	1
Bomb Nose Fuze	2
Burster	19
Frag Bomb (20-23 lbs.)	1
Fuze component	410
Fuze PD	10
Fuze T73E10/B Other	1
Fuze tracer	31
M 404	10
M2 Bounding	24
M51	7
M66 BD	34
M91 PD	16
Miscellaneous No Fuze	3
MK149	13
Projo. Comp.	3
Submunition component	20
T-219 Fuze	5
VT comp.	2
VT Fuze	4

**D. ECM B1039**

Routine mowing of the 50 foot firebreak was recently completed by URS Group, Inc. The ECM is locked, empty and clean.



**Inventory**

<b>Nomenclature</b>	<b>Quantity</b>
Empty	



**E. ECM B1040**

Routine mowing of the 50 foot firebreak was recently completed by URS Group, Inc.. The ECM is locked, empty and clean.



**Inventory**

<b>Nomenclature</b>	<b>Quantity</b>
Empty	

**F. ECM B1041**

Routine mowing of the 50 foot firebreak was recently completed by URS Group, Inc.. The ECM is locked, empty and clean.



**Inventory**

Nomenclature	Quantity
Empty	

**G. Fire Extinguisher**

The 3 Fire extinguishers located on site in front of B-1028, B-1029 and B-1038 are fully charged. Inspection Tags are up to date as of May 2015.

**H. Security Fence**

The 5 Ft. fire break inside and out of surrounding security is satisfactory. Routine mowing was completed by URS Group, Inc. All gates are properly secured. The fence is damaged in several locations around B-block but still provides security. See Attached photos.



East Entrance Gate looking West



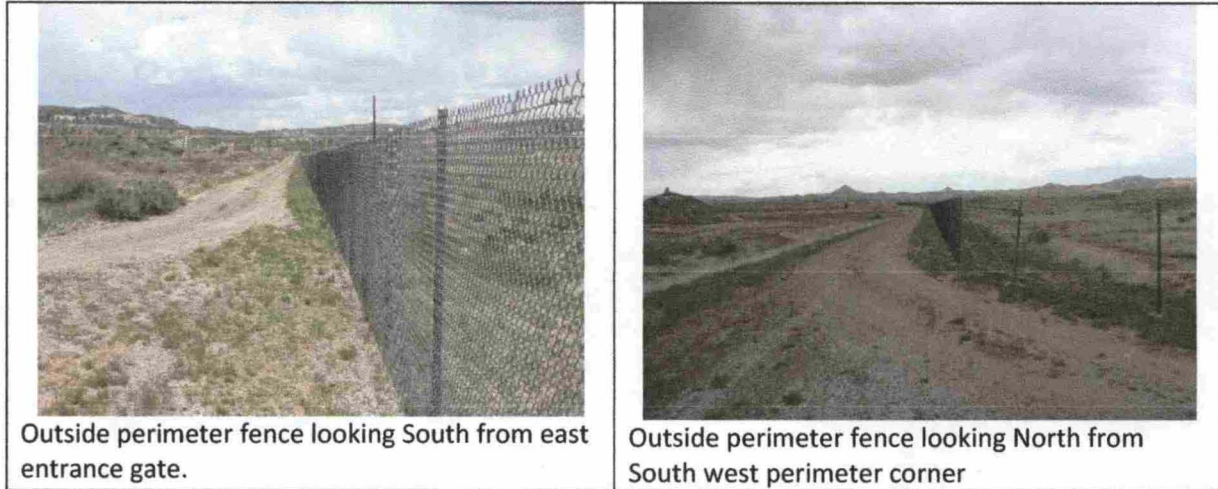
Inside perimeter of the fence looking West from East Entrance Gate



Outside perimeter of the fence looking west from east entrance gate



Inside Perimeter of the fence looking south from east entrance gate



The above ECM/WMM Inventory and Inspection was conducted by Dennis Warner (PIKA, Demo Supervisor, UXO Tech III) and Josh Starkey (PIKA, UXO Tech II) on 1 June 2015.

### *Dennis Warner*

Dennis Warner  
Demo Supervisor, Fort Wingate Depot Activity  
PIKA International, Inc.,  
508-566-3305

### *Scott Wardle*

Scott Wardle  
SM/SUXOS  
PIKA International, Inc.,  
713-299-2918  
[swardle@pikainc.com](mailto:swardle@pikainc.com)

# Classic Lightning Protection, Inc.



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Res / Cml / Ind


**LIGHTNING PROTECTION & GROUNDING SYSTEMS TEST**

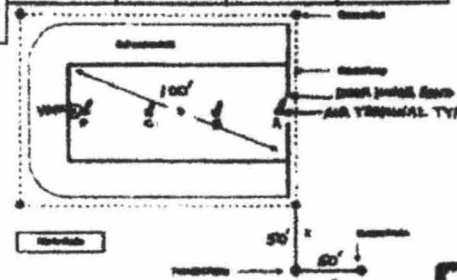
8/6/2014

Facility: Ft. Wingate Depot-Gallup, NM Igloos (8) with 300' of test leads with AEMC 4630.

UNIT #	ERRORS NOTED	E.O.P. TEST	EARTH TO A	A TO B	A TO C	A TO D	HINGE
B1028	Front blast wall center air terminal not covering corners.	1.78	.01	.01	.01	.01	.01
B1029	Front blast wall center air terminal not covering corners.	1.91	.01	.01	.01	.37	.01
B1038	Front blast wall center air terminal not covering corners.	1.13	.01	.01	.01	.01	.01
B1039	Front blast wall center air terminal not covering corners.	1.04	.01	.01	.01	.01	.01
B1040	Front blast wall center air terminal not covering corners.	1.36	.01	.01	.02	.01	.01
B1041	Front blast wall center air terminal not covering corners.	1.22	.01	.01	.01	.01	.01
B1042	Front blast wall center air terminal not covering corners.	1.37	.01	.01	.01	.01	.01
B1043	Front blast wall center air terminal not covering corners.	1.30	.01	.01	.01	.01	.01

Thank you,

  
Kevin W. Morris, President  
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# Classic Lightning Protection, Inc.



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**LIGHTNING PROTECTION ADDITIONS SYSTEM TEST**

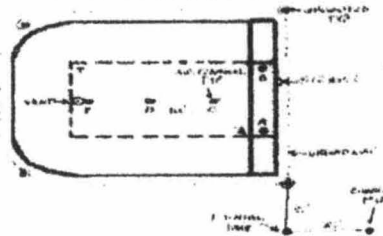
1/6/2015

Facility: Ft. Wingate Depot - Gallup, NM Igloos (8) 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
B1028	None		.01	.01				
B1029	None		.01	.01				
B1038	None		.01	.01				
B1039	None		.01	.01				
B1040	None		.01	.01				
B1041	None		.01	.01				
B1042	None		.01	.01				
B1043	None		.01	.01				

Thank you,

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



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