



**FORMER LOWRY BOMBING AND
GUNNERY RANGE
ARAPAHOE COUNTY, COLORADO**



RESTORATION ADVISORY BOARD MEETING

January 18, 2006

**U.S. Army Corps of Engineers – Omaha District
Colorado Department of Public Health and Environment**

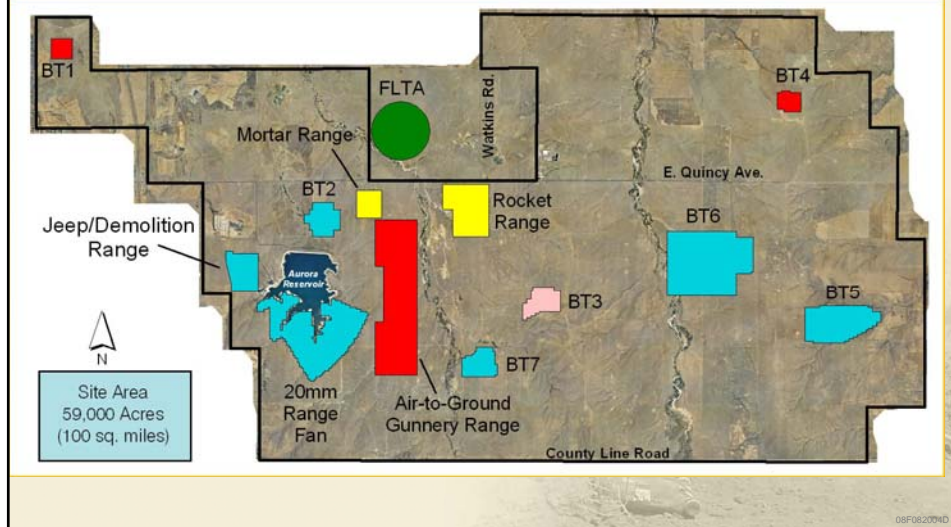
DISCUSSION TOPICS

- **Fieldwork update**
- **Project prioritization**
- **Summary**



**THIS PROJECT
HAS WORKED
2,176 DAYS
WITHOUT LOST
TIME INJURY**

FIELDWORK UPDATE Known Areas of Concern



FIELDWORK UPDATE Current Team Distribution

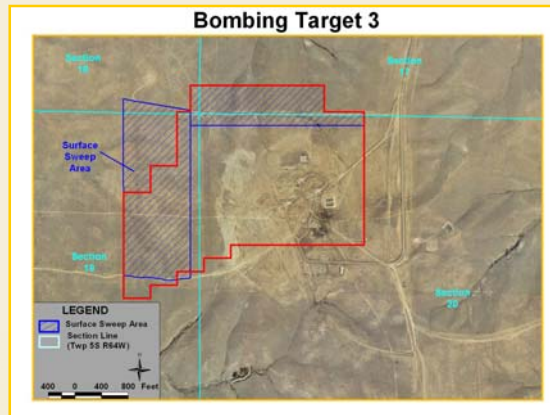
- Mortar Range – 1 munitions response team
- Rocket Range – 5 munitions response teams



FIELDWORK UPDATE Bombing Target 3

- Surface sweep performed within northern and western areas
- No live items found
- Summary of types of items found:

MUNITION	QUANTITY
OE Scrap	1,305 (pounds)
Detonating Cord Conduit	10
Bomb M74 10 lb. Incendiary	2

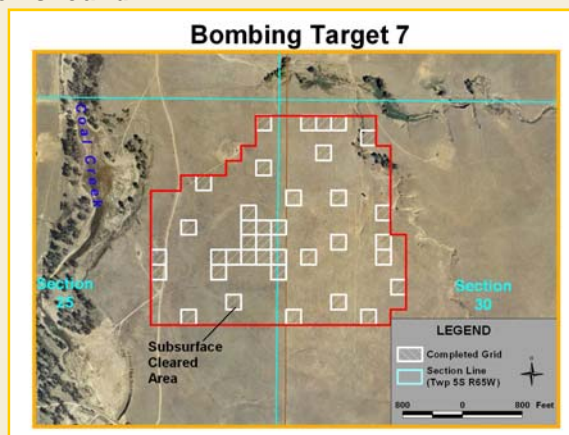


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FIELDWORK UPDATE Bombing Target 7

- 9 grids completed since last RAB meeting
- 1 live item found to date
- Summary of types of items found:

- ✓ 3lb, 50lb and 100lb Practice Bombs
- ✓ Misc. Fuzes
- ✓ 20mm
- ✓ 2.75" Rocket Motor
- ✓ Small Arms
- ✓ Spotting Charge
- ✓ War Head Rocket
- ✓ 100lb Demo Bomb



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FIELDWORK UPDATE Bombing Target 7

- No demolition shots performed since last RAB meeting
- Summary of items recovered since last RAB meeting:

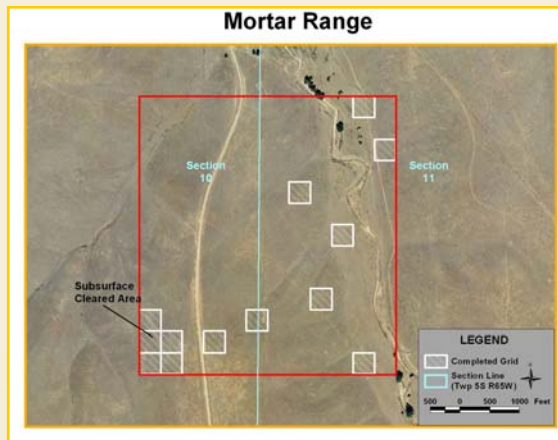
MUNITION	QUANTITY
OE Scrap	2,209 (pounds)
Bomb M38 100 lb. Practice	72
Small Arms	1,581
Bomb MK23 3 lb. Practice	6
Bomb MK1 100 lb. Practice	1
MK1 50 lb. Practice	3
Fuze Projectile 20mm	1
Projectile 20mm	4
War Head Rocket 2.75" Practice	1



FIELDWORK UPDATE Mortar Range

- 13 grids completed since last RAB meeting
- No live items found to date
- Summary of types of items found:

- ✓ Incendiary Bombs (10lb)
- ✓ 3lb and 100lb Practice Bombs
- ✓ M52 Mortar Fuze
- ✓ 60mm Mortar (HE and Illumination)
- ✓ Projectile (20mm & 37mm)
- ✓ Small Arms
- ✓ M38 Spotting Charge



FIELDWORK UPDATE Mortar Range

- No demolition shots performed since last RAB meeting
- Summary of items recovered since last RAB meeting:

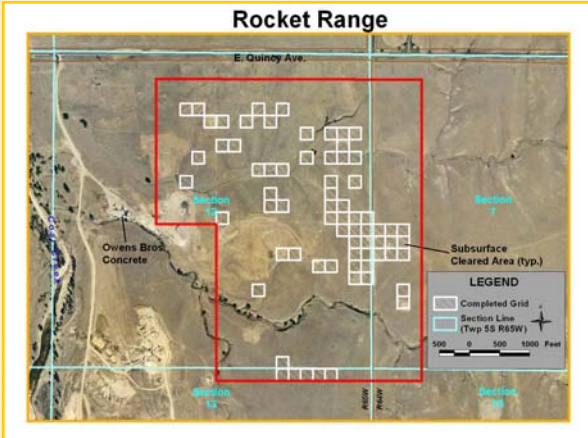
MUNITION	QUANTITY
OE Scrap	549 (pounds)
Small Arms	128
Projectile 20mm	9
Mortar 60mm HE	23
Fuze Mortar M52	36
Bomb M38 100 lb. Practice	10
Bomb MK23 3 lb. Practice	1
Projectile 37mm HE	1



FIELDWORK UPDATE Rocket Range

- 4 grids completed since last RAB meeting
- 43 live items found to date
- Summary of types of items found:

- ✓ 3lb and 100lb Practice Bombs
- ✓ Electric Squib
- ✓ Misc. Fuzes
- ✓ Igniter
- ✓ 81mm Mortar HE
- ✓ 20mm & 75mm
- ✓ 2.25" Rocket
- ✓ 2.75" and 3.5" Rocket Motor
- ✓ Primer Detonator
- ✓ 30cal & 50cal
- ✓ War Head Rocket
- ✓ 500lb GP Bomb



FIELDWORK UPDATE Rocket Range

- **4 demolition shots performed since last RAB meeting**

- ✓ Projectile 57mm HEAT (3)
- ✓ Bomb M50 4 lb. Incendiary (2)

- **Summary of items recovered since last RAB meeting:**

MUNITION	QUANTITY
OE Scrap	2,466 (pounds)
Small Arms	4,340
Projectile 20mm	2,141
Bomb MK23 3 lb. Practice	10
Rocket 2.25	9
Rocket 3.5	1
Fuze M173	1
Projectile 57mm HEAT M307	3
Bomb M50 4 lb. Incendiary	5
Fuze Bomb Nose	1
War Head Rocket 2.75 Practice	1
Detonating Cord Conduit	2



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FIELDWORK UPDATE Jeep/Demolition Range - RCWM Operations

- **Plan forward is still being developed**

- ✓ Corps and CDPHE agree RCWM risk is extremely low
- ✓ Working together to ensure appropriate guidance is followed and adequate response is implemented

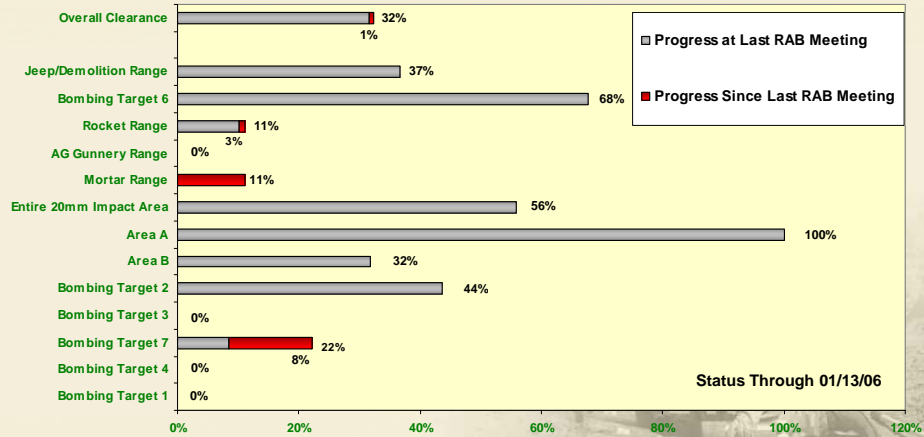
- **Key items being considered:**

- ✓ Issue is worker safety NOT public safety
- ✓ No significant effects (NOSE) distance does not extend beyond the Jeep/Demolition Range boundaries



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FIELDWORK UPDATE Estimated Percent Complete



FIELDWORK UPDATE Bombing Target 5

Status:

- 565 acres surface cleared
- 550 of 565 acres geophysically mapped
- 160 map & dig acres completed - 4,809 anomalies dug
- 45 of 50 map & dig acres completed within central target area - 36,674 anomalies dug
- 161 live items found to date
- Summary of types of items found:

- ✓ 100lb Practice Bombs
- ✓ 3lb Practice Bombs
- ✓ 100lb Mk1 Demolition Bombs
- ✓ 20mm (1)
- ✓ SCAR (1)
- ✓ 50cal (multiple)



FIELDWORK UPDATE Bombing Target 5

- **23 demolition shots performed on:**
 - ✓ Mk 1 - 100lb Demolition Bombs (17)
 - ✓ 20mm (1)
 - ✓ M38 - 100lb Practice Bomb Igniters and Spotting Charges (50)
 - ✓ Mk 23 - 3lb Practice Bombs (93)
- **33,503 pounds of munitions debris removed from the site**



PROJECT PRIORITIZATION



THE END

- Your next RAB meeting is scheduled for March 15, 2006 (6:00-8:30pm) at the Doubletree Hotel.

