



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



**RESTORATION ADVISORY BOARD MEETING**

**21 March 2007**

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

# DISCUSSION TOPICS

- **Fieldwork update**
- **2007 RAB meeting schedule**
- **RAB community outreach strategy - introduction**

**THIS PROJECT  
HAS WORKED  
3,009 DAYS  
WITHOUT LOST  
TIME INJURY**

# FIELDWORK UPDATE

## RAB Prioritization

Criteria	Infrastructure	Overall Hazard	Type of Hazard	Land Use	Environmental Impacts	Cost	Access	Economic Impacts	Legal Restrictions	Total Score
<b>WEIGHTING</b>	<b>0.179</b>	<b>0.152</b>	<b>0.145</b>	<b>0.138</b>	<b>0.131</b>	<b>0.083</b>	<b>0.069</b>	<b>0.065</b>	<b>0.048</b>	<b>1.0</b>
<b>Jeep/Demo Range</b>	<b>100</b>	<b>150</b>	<b>150</b>	<b>100</b>	<b>25</b>	<b>100</b>	<b>75</b>	<b>75</b>	<b>50</b>	<b>99.5</b>
<b>Rocket Range</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>50</b>	<b>50</b>	<b>100</b>	<b>50</b>	<b>50</b>	<b>68.8</b>
<b>BT2</b>	<b>75</b>	<b>50</b>	<b>75</b>	<b>75</b>	<b>25</b>	<b>100</b>	<b>50</b>	<b>75</b>	<b>50</b>	<b>63.8</b>
<b>BT6</b>	<b>75</b>	<b>50</b>	<b>50</b>	<b>75</b>	<b>50</b>	<b>100</b>	<b>75</b>	<b>50</b>	<b>25</b>	<b>62.6</b>
<b>BT7</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>25</b>	<b>25</b>	<b>50</b>	<b>58.0</b>
<b>AG Gunnery Range</b>	<b>75</b>	<b>50</b>	<b>25</b>	<b>75</b>	<b>100</b>	<b>25</b>	<b>25</b>	<b>50</b>	<b>50</b>	<b>57.1</b>
<b>BT5 (FPRI)</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>25</b>	<b>75</b>	<b>75</b>	<b>50</b>	<b>25</b>	<b>55.4</b>
<b>BT3</b>	<b>25</b>	<b>75</b>	<b>100</b>	<b>50</b>	<b>50</b>	<b>25</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>54.5</b>
<b>20mm Range Fan Area B</b>	<b>75</b>	<b>25</b>	<b>25</b>	<b>75</b>	<b>50</b>	<b>75</b>	<b>75</b>	<b>25</b>	<b>50</b>	<b>52.9</b>
<b>Mortar Range</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>75</b>	<b>50</b>	<b>25</b>	<b>75</b>	<b>25</b>	<b>50</b>	<b>51.7</b>
<b>BT4</b>	<b>25</b>	<b>75</b>	<b>75</b>	<b>100</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>50.2</b>
<b>BT1</b>	<b>50</b>	<b>25</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>25</b>	<b>50</b>	<b>25</b>	<b>25</b>	<b>41.6</b>
<b>AVERAGE</b>	<b>58.3</b>	<b>62.5</b>	<b>70.8</b>	<b>75.0</b>	<b>45.8</b>	<b>56.3</b>	<b>58.3</b>	<b>43.8</b>	<b>41.7</b>	<b>59.7</b>

# **FIELDWORK UPDATE**

## **Current Team Distribution**

- **Bombing Target 2 - 3 munitions response teams**
- **Rocket Range - 2 munitions response teams**

# FIELDWORK UPDATE

## Bombing Target 2

- 1 “Mag-and-Dig” grid completed since last RAB meeting
- 477 live items found to date
- Summary of types of items found:

- ✓ 3 lb, 4 lb, 6 lb, 10 lb, and 100 lb Practice Bombs
- ✓ Booster Cup
- ✓ Burster Tube
- ✓ Detonating Cord Conduit
- ✓ Misc. Fuzes
- ✓ Igniter Tube
- ✓ 20mm and 37mm Projectiles
- ✓ 2.25” Rocket
- ✓ Small Arms

# FIELDWORK UPDATE

## Bombing Target 2

- **2 demolition shots performed since last RAB meeting:**
  - ✓ M69 6 lb Incendiary Bombs (19)
  - ✓ Burster Tube (2)
  - ✓ Detonating Cord Conduit (1)
  - ✓ M126 Fuze (2)
  
- **Summary of items recovered since last RAB meeting:**

MUNITION	QUANTITY
OE Scrap	5,408 (pounds)
Small Arms	527
Bomb M38 100 lb Practice	106
Bomb M74 10 lb Incendiary	17
Bomb MK23 3 lb Practice	46
Bomb M69 6 lb Incendiary	20
Primer Detonator	28
Booster Cup	26
Burster Tube	8

MUNITION	QUANTITY
Igniter Tube	8
Rocket 2.25"	38
Detonating Cord Conduit	2
Signal Illumination	8
Misc. Fuzes	50

# FIELDWORK UPDATE

## Bombing Target 2

- **“Mag-and-Dig” munitions response within the Western Extension Area:**
  - ✓ Focus is City of Aurora Property
  - ✓ 24 mag-and-dig grids
  - ✓ 2 investigation areas to the northwest of the site
  - ✓ Removal activities are ongoing
  - ✓ Complete by Summer 2007

# FIELDWORK UPDATE

## Rocket Range

- **14 grids completed since last RAB meeting:**

- ✓ 4 mag-and-dig grids
- ✓ 10 map-and-dig grids

- **93 live items found to date**

- **Summary of types of items found:**

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

# FIELDWORK UPDATE

## Rocket Range

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

MUNITION	QUANTITY
OE Scrap	9,338 (pounds)
Small Arms	2,218
Bomb M38 100 lb Practice	46
Bomb M50 4 lb Incendiary	9
Bomb MK23 3 lb Practice	561
Projectile 20mm	2,713
Rocket 2.25"	616
Signal Illumination	1

# FIELDWORK UPDATE

## Rocket Range

- Ongoing “Mag-and-Dig” and “Map-and-Dig” munitions response activities:
  - ✓ Geophysical mapping complete
  - ✓ Anomaly reacquisition and removals are ongoing
  - ✓ 77 map-and-dig grids remaining
  - ✓ 48 mag-and-dig grids remaining
  - ✓ 10 grids reserved for 2007 ERDC demonstration project



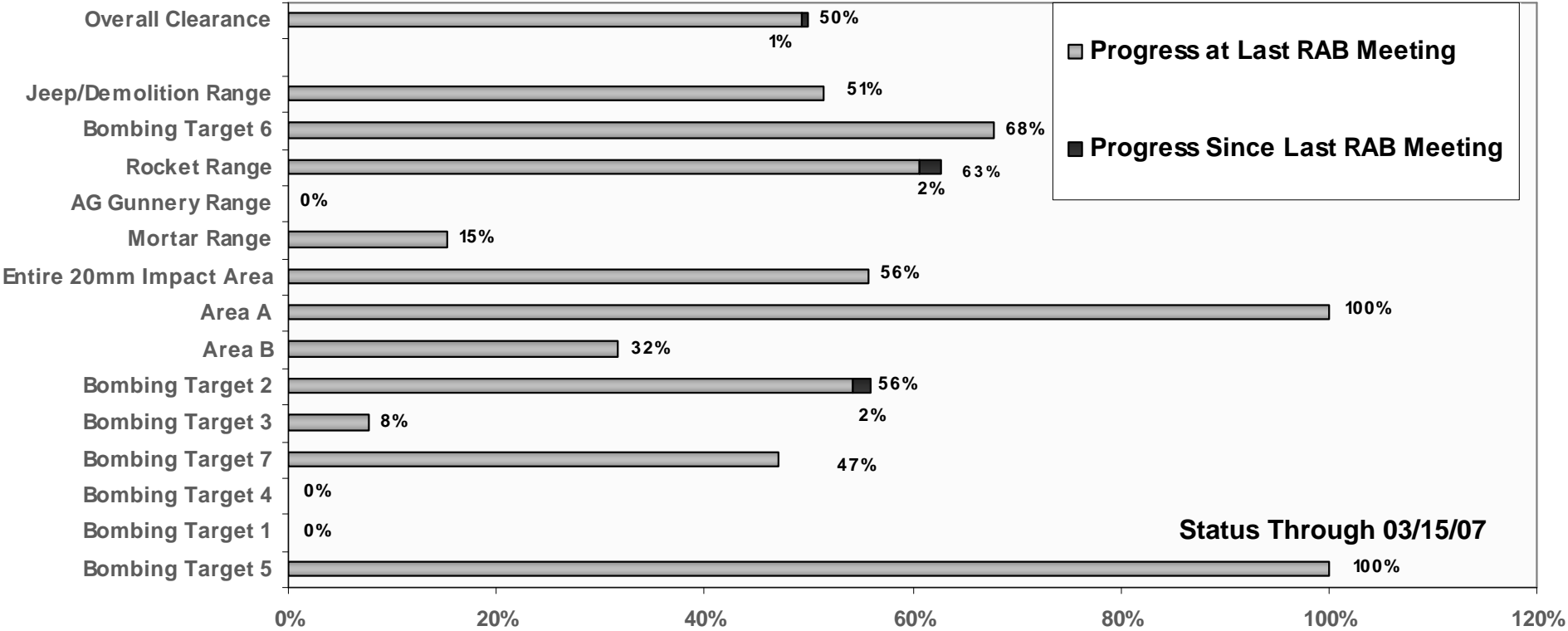
# FIELDWORK UPDATE

## Bombing Target 7

- **“Map-and-Dig” munitions response utilizing digital geophysical mapping:**
  - ✓ Mapping activities are complete
  - ✓ Anomaly reacquisition and removal planned for April / May 2007
  - ✓ 80 low density grids remaining

# FIELDWORK UPDATE

## Estimated Percent Complete



**Since the last RAB meeting, the Site has been closed 9 of the 36 possible working days due to inclement weather conditions**

## **2007 RAB MEETING SCHEDULE**

- **RAB meetings are scheduled every other month, on the 3<sup>rd</sup> Wednesday of the month**
  - May 16, 2007
  - July 18, 2007
  - September 19, 2007
  - November 14, 2007
  
- **All meetings for the remainder of the year will be held at the Doubletree Hotel**

# **THE END**

- **Your next RAB meeting is scheduled for May 16, 2007 (6:00-8:30pm) at the Doubletree Hotel.**

# **RAB COMMUNITY OUTREACH STRATEGY INTRODUCTION**

- **Facilitated by Keith Wegner, Technical Assistance for Public Participation (TAPP)**
- **Intent is to increase local community involvement in the RAB process:**
  - ✓ Increase community presence and Board membership
  - ✓ Select new RAB Community Co-chair
- **Methods and anticipated form of public outreach**
- **Board and Co-chair evaluation and selection process**