

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

***RESTORATION ADVISORY BOARD MEETING  
May 21, 2003***

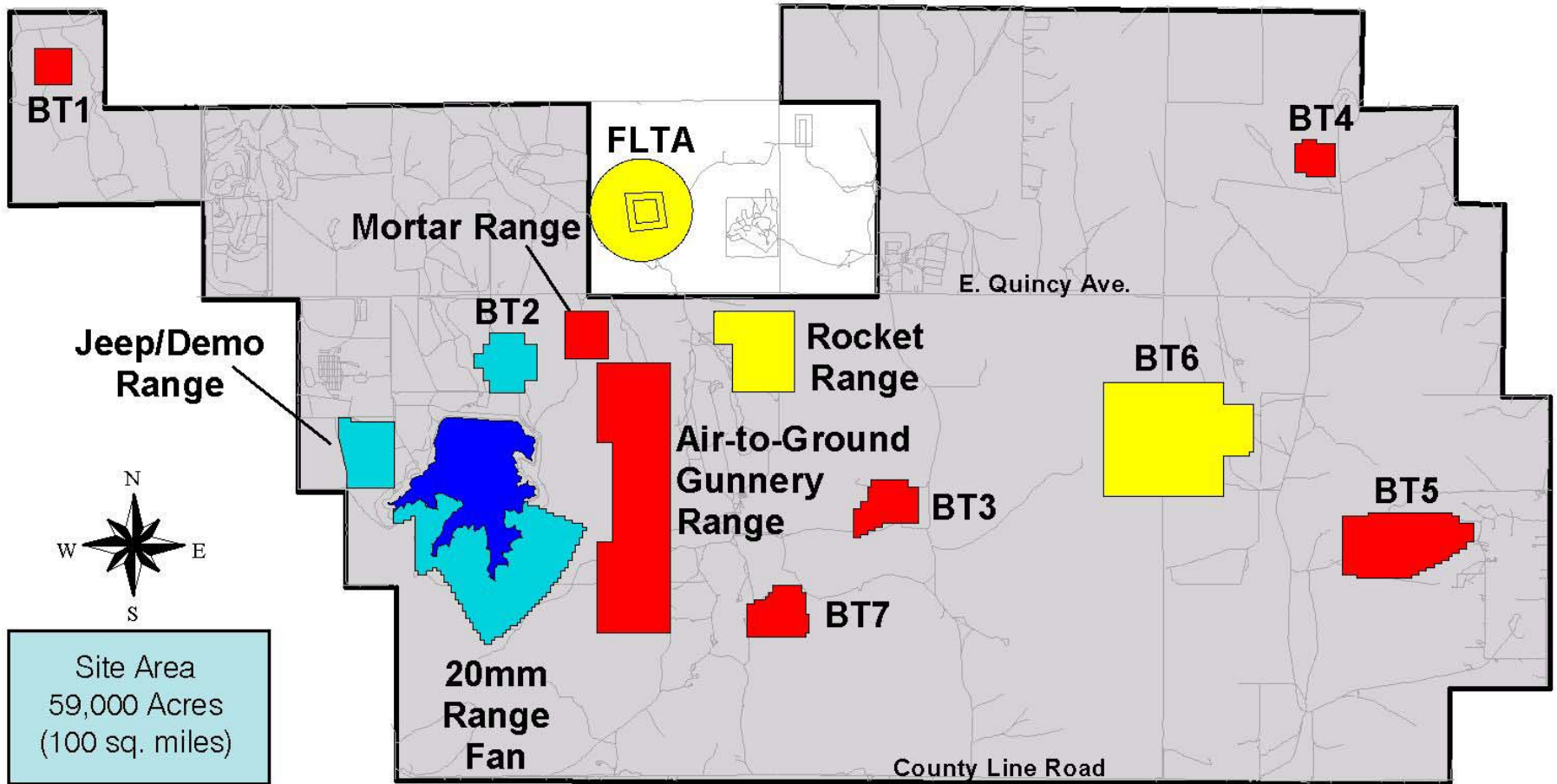
***U.S. Army Corps of Engineers  
Colorado Department of Public Health and  
Environment***

# ***DISCUSSION TOPICS***

- **Fieldwork update**
- **Jeep/Demolition  
Range RCWM  
activities**
- **Annual project  
prioritization review**
- **Summary**

# FIELDWORK UPDATE

## KNOWN AREAS OF CONCERN



# ***FIELDWORK UPDATE***

## ***TEAM DISTRIBUTION***

- BT6 - 2 Teams
- FLTA - 2 Teams

# ***JEEP/DEMO RANGE - Clearance Activities to Date***

- **No grids have been completed since last RAB meeting.**
- **44 live items found to date.**
- **Summary of types of items found:**
  - Incendiary bombs (4#, 6#, 10#)
  - Photoflash bomb and cartridges
  - GP Bombs (up to 2,000#)
  - Bomblets (BDU-28 and M139 trainer)
  - Anti-personnel mines
  - 60mm HE mortar
  - Parachute flares
  - Primer detonators
  - War head practice 2.75" rocket
  - Cartridge impulse and starter
  - M41 fragmentation bomb
  - M55 signal illumination
  - Signal illuminating, aircraft
  - 2.25" rocket
  - M125 bomb scrap
  - 20mm API
  - M44A1 aircraft flare
  - JATO
  - 2.75" rocket motor
  - Misc fuzes
  - Small arms
  - CAIS

# ***BOMB TARGET #6 - Clearance Activities to Date***

- **36 grids have been completed since last RAB meeting.**
- **700+ live items found to date.**
- **Summary of types of items found:**
  - **Incendiary bombs (4lb - 10lb)**
  - **3lb & 100lb practice bombs**
  - **M15 WP grenade**
  - **M1A1 PDM**
  - **M1A1 spotting charge**
  - **30cal & 50cal**
  - **20mm & 37mm**
  - **Det cord conduit**
  - **Misc fuzes**
  - **Boosters**
  - **Burster tubes**
  - **Igniters/igniter tubes**
  - **T55E1 mechanical time fuze**
  - **2.25" rocket**
  - **Fuze adapter for clusters**
  - **M125 – simulant filled**

# ***ROCKET RANGE - Clearance Activities to Date***

- **2 grids have been completed since last RAB meeting.**
- **33 live items found to date**
- **Summary of types of items found:**
  - **Small arms**
  - **20mm**
  - **3lb. practice bomb**
  - **2.25" rocket**
  - **Misc fuzes**
  - **Igniters**
  - **2.75" war head**
  - **MK76 practice bomb**
  - **3.5" rocket motor**

# ***ROCKET RANGE - Clearance Activities to Date***

- **Grid RR-V-08: 12,826 items removed**

- OE Scrap – 10,685
- Small arms – 1,701
- 20mm projectiles - 417
- 3lb. practice bomb - 11
- 3.5” rocket motor - 5
- 2.25” rocket – 7

- **Grid RR-N-16: 3,376 items removed**

- OE Scrap – 2,651
- Small arms - 656
- 20mm projectiles - 66
- 3lb. practice bomb - 1
- 2.75” war head - 1
- 2.25” rocket – 1

# ***20mm RANGE FAN -Clearance Activities to Date***

## **Area B**

- **No grids have been completed since last RAB meeting.**
- **Six live items found to date.**
- **Summary of types of items found:**
  - **30 cal. & 50 cal.**
  - **20 mm, 37mm & 75mm**
  - **Misc fuzes**
  - **2.75" rocket**
  - **3lb practice bomb**
  - **100lb practice bomb**
  - **Small arms**

## **Area A**

- **100% complete**

# ***BOMB TARGET #2 - Clearance Activities to Date***

- **No grids have been completed since last RAB meeting.**
- 1000+ live items found to date.
- Summary of types of items found:
  - Incendiary bombs (4lb to 10lb)
  - 2.25" rockets
  - 3lb & 100lb practice bombs
  - M12 burster tube
  - M9 igniter tube
  - Det cord conduit
  - Misc fuzes
  - 50cal
  - 20mm, 37mm
  - M38 spotting charge
  - Boosters
  - M1A1 PDM
  - M74 WP cup
  - Blasting cap (non-electric)

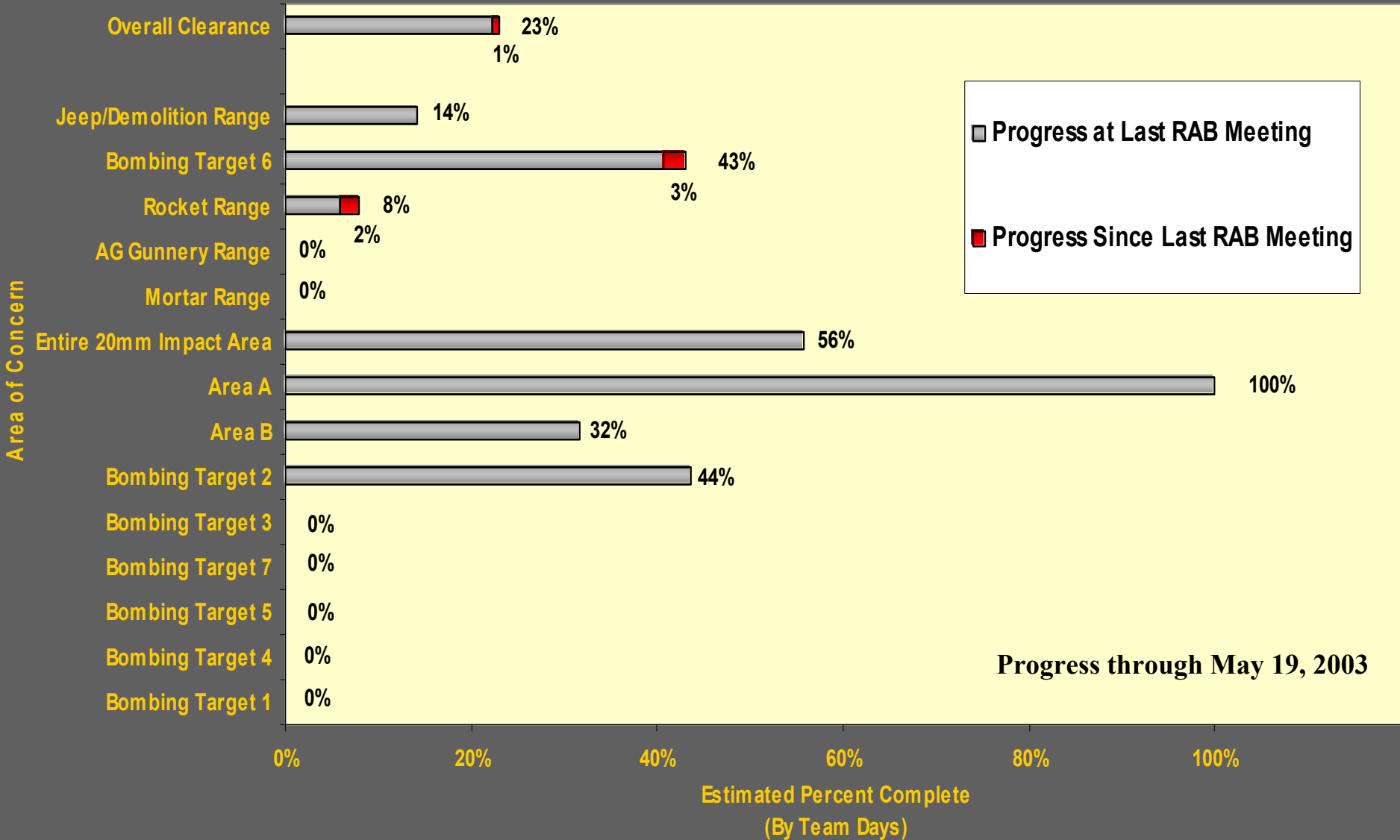
# ***FIELD WORK UPDATE***

## ***Clearance Schedule***

- Team-day estimates reviewed and revised, based on actual field clearance data
- Team-day estimates for Rocket Range and J/D Range increased significantly
- Percent complete for the site is less than reported at the last RAB meeting

# FIELDWORK UPDATE

## ESTIMATED PERCENT COMPLETE



# ***J/D RANGE RCWM ACTIVITIES***

## ***Status***

- Funding to support RCWM removals through FY03 received
- CSS – Complete
- Work Plan – Complete
- On-going efforts –
  - Completion of RCWM compound construction
  - Geophysical discrimination

# ***J/D RANGE RCWM ACTIVITIES***

## ***Schedule***

- **May 12-16<sup>th</sup> : Site mobilization and set-up**
  - **Corps of Engineers, Omaha District (CENWO)**
  - **Corps of Engineers, Huntsville Center (CEHNC)**
  - **U.S. Army Edgewood Chemical Biological Center (ECBC)**
  - **U.S. Army Technical Escort Unit (TEU)**
  - **Parsons**
  - **Shaw Environmental, Inc.**
  - **USA Environmental (RCWM fieldwork contractor)**

# ***J/D RANGE RCWM ACTIVITIES Schedule***

- **May 19-23rd : Training and Table Top**
  - **RCWM personnel training**
  - **Medical training (Swedish Medical Center)**
  - **Table Top (local authorities)**
  
- **May 26-30<sup>th</sup>: CEHNC survey**
  - **Coordinated by a CEHNC survey team**
  - **Field scenarios run to test preparedness of the field team**
  - **“Dress Rehearsal” for the Pre-operational survey**

# ***J/D RANGE RCWM ACTIVITIES***

## ***Schedule***

- **June 2-6<sup>th</sup> : Pre-operational survey (Pre-op)**
  - **Coordinated by Department of Army Safety Office and U.S. Army Technical Center for Explosives Safety (USATCES)**
  - **Field scenarios run to test preparedness of the field team**
  - **Results of Pre-Op are a “go” or “no-go” for fieldwork to begin, based on team performance during the Pre-op**

# ***ANNUAL PROJECT PRIORITIZATION REVIEW***

Per the management plan, the project team agreed to revisit project prioritization annually:

- **Criteria/Weighting Factor's**
  - **Revise**
  - **Maintain Current**
  
- **AOC Scoring**
  - **Propose utilizing TAPP to perform**
  - **USACE/CDPHE technical support**
  - **RAB, USACE, CDPHE review**

# ***SUMMARY***

- Conventional OE response activities on-going
- J/D Range RCWM activities – in progress
- Project team continues to work together to execute on-going project activities as effectively as possible
- The next RAB meeting is scheduled for July 16, 2003 –  
Aurora Library (6:00-8:30pm)