

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

***RESTORATION ADVISORY BOARD MEETING
September 17, 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**

FIELDWORK UPDATE

TEAM DISTRIBUTION

- **FLTA - 2 conventional clearance teams**
- **Jeep/Demo – 1 conventional clearance team**
- **Jeep/Demo - 1 RCWM team**

JEEP/DEMO RANGE - Clearance Activities to Date

- 5 grids have been completed since last RAB meeting
- 18 grids have been QA'd since last RAB meeting
- 53 live items found to date
- Summary of types of items found:

- | | |
|--------------------------------------|---------------------------------|
| ■ Incendiary bombs (4#, 6#, 10#) | ■ Signal illuminating, aircraft |
| ■ Photoflash bomb and cartridges | ■ 2.25" rocket |
| ■ GP Bombs (up to 2,000#) | ■ M125 bomb scrap |
| ■ Bomblets (BDU-28 and M139 trainer) | ■ 20mm API |
| ■ Anti-personnel mines | ■ M44A1 aircraft flare |
| ■ 60mm HE mortar | ■ JATO |
| ■ Parachute flares | ■ 2.75" rocket motor |
| ■ Primer detonators | ■ Misc fuzes |
| ■ War head practice 2.75" rocket | ■ Small arms |
| ■ Cartridge impulse and starter | ■ CAIS |
| ■ M41 fragmentation bomb | |
| ■ M55 signal illumination | |

BOMB TARGET #6 - Clearance Activities to Date

- **3 grids have been completed since last RAB meeting**
- **760+ 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
 - Det cord conduit
 - 20mm & 37mm
 - Misc fuzes
 - Boosters
 - Burster tubes
 - Igniters/igniter tubes
 - T55E1 mechanical time fuze
 - 2.25" rocket
 - Fuze adapter for clusters
 - M125 – simulant filled

J/D RANGE RCWM ACTIVITIES - Status

- To date, the geophysical discrimination efforts have identified 108 potential RCWM excavation targets in 120 grids
 - 68 targets have been excavated
- There are 49 grids remaining which require analyzing for RCWM excavation targets
- No RCWM has been discovered to date
- Evidence of RCWM (i.e. CAIS bottles) have been found only in previously-identified RCWM areas of concern

J/D RANGE RCWM ACTIVITIES -

Status

- 286 total grids
- 82 grids previously cleared
- 153 RCWM-cleared grids
- Approximately 26 grids within triangular berm

J/D RANGE RCWM ACTIVITIES - Status

- **Productivity of RCWM clearances at the J/D Range has increased greatly since removal of the tent requirement:**
 - **June 30th – July 16th (last RAB meeting) : 3 targets excavated**
 - **July 17th – September 9th : 65 targets excavated**

ANNUAL PROJECT PRIORITIZATION REVIEW

- The FLBGR Prioritization Process was developed in order to gain real guidance on what the public feels are priorities for the site
- The Prioritization Process was first introduced in 2001
- Per the RAB's decision, the full Prioritization Process was not revisited in 2002
 - Using additional site information gained throughout the year, the AOCs were re-scored in 2002 using the 2001 criteria and weighting factors
- The USACE and CDPHE Project Managers are ultimately responsible for the clean up of the range
 - The prioritization provides guidance – not direction
 - The USACE and CDPHE are committed to following the prioritization, unless field conditions warrant deviation

ANNUAL PROJECT PRIORITIZATION REVIEW

Prioritization Process Overview:

- **Facilitated brainstorming session to develop criteria for prioritizing clearance of the 12 areas of concern (AOCs)**
 - **Facilitator: Keith Wegner**
- **Multi-voting technique used to rank the importance of the criteria**
 - **Each RAB member gets three votes of varying magnitude:**
 - ✓ **One vote worth 5 points**
 - ✓ **One vote worth 3 points**
 - ✓ **One vote worth 1 point**
 - **Each RAB member votes on criteria (5 points=highest priority)**
 - **A weighting factor for each criterion will be developed, based on number of RAB votes received**

ANNUAL PROJECT PRIORITIZATION REVIEW

- Raw scores will be assigned for each of the criterion for each AOC
 - Keith Wegner will perform the scoring
 - Site personnel will provide support, as required
- The raw scores will be multiplied by the weighting factors. The weighted scores will be added to obtain a total score for each AOC.
- Scoring will be presented to the RAB for approval in the form of a “Scorecard” for each AOC at the November meeting