

***Final Minutes
Restoration Advisory Board
Former Lowry Bombing and Gunnery Range
20 September 2006***

The 20 September 2006 meeting of the Restoration Advisory Board (RAB) was held at the Aurora Public Library at 14949 E. Alameda Dr., Aurora, CO. The meeting started at 6:20 p.m.

WELCOME AND OPENING REMARKS

Ms. Bonnie Rader, Citizen Co-chair, opened the meeting at 6:20 p.m. Ms. Rader asked all in attendance to introduce themselves.

ATTENDANCE

The following RAB members were present:

- Bonnie Rader, Citizen Co-chair
- Carol MacLennan, Tri-County Health Department (TCHD)
- Melissa Yoder, State Land Board
- James Schrack, City of Aurora
- Monica Sheets, Colorado Department of Public Health and Environment (CDPHE)

Other attendees:

- Keith Wegner, Correlation Corp.
- Morey Engle, Shaw Environmental, Inc. (Shaw)
- John Mullen, Shaw Environmental, Inc. (Shaw)
- Teri Farrell, Shaw Environmental, Inc. (Shaw)
- Chris Sundeen, Shaw Environmental, Inc. (Shaw)
- Rick St. Amand, Shaw Environmental, Inc. (Shaw)
- Greg Travis, Zurich NA
- Gary Foster, CH2MHill
- Randy Hawbaker, Cherry Creek School District
- David Rathke, Environmental Protection Agency, Region VIII (EPA)
- Meggan Pickner, Sky Research, Inc. (Sky)
- Tracie White, Sky Research, Inc. (Sky)
- Laura Mehew, Office of Attorney General (OAG)
- Denee Diluige, Office of Attorney General (OAG)

GENERAL RAB ITEMS

Mr. John Mullen, Shaw, was present to give the status updates for the Former Lowry Training Annex and Former Lowry Bombing and Gunnery Range on behalf of Mr. Jerry Hodgson, U.S. Army Corps of Engineers (USACE).

Ms. Rader asked if the Board had an opportunity to review the minutes from the 17 May 2006 RAB meeting prior to the meeting. A motion was passed to postpone approving the 17 May minutes until the November 2006 RAB meeting.

FORMER LOWRY TRAINING ANNEX (FLTA)

FIELD WORK UPDATE

(presentation posted on the web)

Mr. Mullen presented an update on the Former Lowry Training Annex (FLTA) project status. Munitions response activities at the Ground Wave Emergency Network (GWEN) site and the FLTA EOD Circle are complete, including Post-Removal Verification (PRV) activities. Results of geophysical transects mapped between the FLTA Circle and the Navy/DRI site indicated the likely presence of munitions to the east of the FLTA Circle.

The current plan forward for the FLTA is to address the 460 acre East Extension Area located between the FLTA Circle and the Navy/DRI site. The area extends north from Quincy Ave and south from the GWEN site. Since the May 2006 RAB, the northern portion of this area (~145 acres) has been completely mapped using digital geophysical mapping (DGM) methods, with anomalies identified and reacquired and associated items removed. To date, five live munitions items have been recovered; all being M50 4-pound incendiary bombs.

Ms. Monica Sheets, CDPHE, asked whether the entire area is being mapped or if teams are mapping the individual transect lines only. Mr. Mullen responded that the original transect lines were surveyed as part of an investigative approach to determine if any munitions were present in the area. After the survey was complete, it was deemed necessary to grid the entire area and perform a full map-and-dig response. All grids within the East Extension Area will be 100% geophysically mapped and physically cleared.

DGM is ongoing in the southern portion of the East Extension Area (~315 acres) with the goal to complete mapping within two to three months. After DGM is complete, a map-n-dig response will be initiated.

**FORMER LOWRY BOMBING AND GUNNERY RANGE (FLBGR)
FIELD WORK UPDATE**

(presentation posted on the web)

Mr. Mullen presented an update of the Former Lowry Bombing and Gunnery Range (FLBGR) project status. The presentation included a summary of activities completed to date, ongoing activities, and future efforts. Mr. Mullen was pleased to announce that this project has worked at least 2,428 days without a lost time injury. Currently, one geophysics team is performing operations in the Rocket Range, three munitions response teams are working in the Jeep/Demolition Range, one response team is working in Bombing Target 7, and two response teams are performing surface sweep activities at Bombing Target 6.

Since the last RAB meeting on 17 May 2006, 17 grids have been completed in Bombing Target 7, 24 grids have been completed in the Jeep/Demolition Range (2 mag-and-dig grids and 22 map-and-dig grids), and 79 additional grids have been completed in the Rocket Range. The overall estimated percent complete to date is 39% for the entire FLBGR.

BOMBING TARGET 2

The Range Master Phase II Demonstration was performed in June 2006 addressing four grids in Bombing Target 2. The demonstration used a remotely operated, modified scraper to excavate and screen the top 6 to 12 inches of soil at these grid locations. The performance assessment for this demonstration is still pending and will evaluate the effectiveness of the demonstration technology, costs incurred, safety, and lessons learned. Before and after the demonstration, Shaw unexploded ordnance (UXO) teams performed a surface clearance of the area and Sky Research geophysically mapped the grids to help evaluate the success of the technology. All four grids were heavily contaminated with the teams removing almost 1,100 pounds of Ordnance Explosive (OE) scrap, approximately 100 munitions-related items, and over 600 small arms.

BOMBING TARGET 6

299 grids have been targeted at Bombing Target 6 for surface sweep operations in preparation of a Fall 2006 geophysical mapping effort. The expectation is that Shaw UXO teams will perform a full clearance of all identified anomalies once DGM activities are complete. The surface swept grids, thus far, have been found to contain very light contamination with only 243 pounds of OE Scrap being recovered, as well as only five other discernable munitions-related items. One demolition shot was performed since the last RAB meeting. Bombing Target 6 is one of the higher priority Areas of Concern (AOCs).

BOMBING TARGET 7

UXO teams have cleared most of the heavily contaminated grids and mag-and-dig operations have been completed in the center target area. 17 grids have been completed since the last RAB meeting. One live item (1 demolition shot) and over 2,000 pounds of OE scrap have been recovered from Bombing Target 7 since the May 2006 RAB meeting. The remainder of the target area will be addressed through map-n-dig operations. DGM activities, to be performed by Sky Research, are tentatively planned for 2007. Bombing Target 7 is another of the higher priority AOCs.

JEEP/DEMOLITION RANGE

The Jeep/Demolition Range is currently ranked as the highest priority AOC, and as such, is receiving a majority of attention and resources. Both mag-n-dig and map-n-dig clearance activities are ongoing within the heavily contaminated center area. A total of 24 grids have been completed since the last RAB meeting; two of which were conventional mag-and-dig grids with the other 22 grids map-and-dig. 50 live items (17 demolition shots) and over 13,000 pounds of OE scrap have been recovered from the Jeep/Demolition Range since the May 2006 RAB meeting.

ROCKET RANGE

Rocket Range is currently ranked as the second highest priority AOC. However, it is proving to be a complicated target area as the full history for this AOC is as of yet, not fully known. UXO teams have cleared 79 grids since the last RAB meeting with mag-n-dig operations planned for at least another 20 grids. DGM activities are ongoing at another 274 grids. Eleven live items (9 demolition shots) and over 4,500 pounds of OE scrap have been recovered from the Rocket Range since the May 2006 RAB meeting.

BOMBING TARGET 5 (FPRI)

Bombing Target 5 munitions response activities are being performed by CH2M Hill. To date, 628 acres have been geophysically mapped and map-and-dig operations are complete in 578 acres. Mag-and-dig operations are also complete within the central target center (50 acres). To date, 270 live items have been recovered at Bombing Target 5.

Intrusive investigations were completed on 20 July 2006 and demobilization is scheduled to be completed on 22 September 2006. The draft-final Site Specific Report should be submitted by 13 October 2006. Mr. Gary Foster, CH2M Hill, mentioned a draft summary report has been submitted to both Mr. Jerry Hodgson, USACE, and Mr. Jeff Swanson, CDPHE, and both are comfortable with the level of clearance achieved at Bombing Target 5.

PROPOSED 2007 RAB SCHEDULE

The following is the list of meeting dates proposed for the 2007 RAB:

- January 17
- March 21
- May 16
- July 18
- September 19
- November 21

RAB members will vote on this schedule at the upcoming 15 November 2006 RAB meeting. Once approved, actual locations for each meeting will be determined.

TECHNICAL ASSISTANCE FOR PUBLIC PARTICIPATION (TAPP) STATUS UPDATE

(presentation posted on the web)

Mr. Keith Wegner, Correlation Corp., reported on his recent activities associated with the FLBGR project. Mr. Wegner stated that he had completed the final Area of Concern (AOC) Prioritization Report and supplied a hard copy of the report to all RAB members in attendance. Mr. Wegner indicated that he would e-mail an electronic copy of the report to all interested parties at a later date.

Mr. Wegner stated that the final order and scoring presented at the meeting had not changed from those contained in the draft-final Report, which was presented to the RAB on 17 May 2006. Mr. Wegner reiterated that the Land Use and Overall Hazard categories played the biggest role in the outcome of the prioritization.

The final AOC prioritization is summarized in the following Table 1:

Table 1. Final 2006 Scoring
FINAL 2006 SCORING - CATEGORIES ARRANGED BY MEAN SCORE

Criteria	Land Use	Type of Hazard	Overall Hazard	Infrastructure	Access	Cost	Environmental Impacts	Economic Impacts	Legal Restrictions	Total Score
Weighting Factor	0.138	0.145	0.152	0.179	0.069	0.083	0.131	0.055	0.048	
Jeep/Demo Range	100	150	150	100	75	100	25	75	50	99.5
Rocket Range	75	75	75	75	100	50	50	50	50	68.8
BT2	75	75	50	75	50	100	25	75	50	63.8
BT6	75	50	50	75	75	100	50	50	25	62.6
BT7	50	100	75	50	25	50	50	25	50	58.0
AG Gunnery Range	75	25	50	75	25	25	100	50	50	57.1
BT5 (FPRI)	100	75	50	25	75	75	25	50	25	55.4
BT3	50	100	75	25	50	25	50	50	50	54.5
20mm Range Fan Area B	75	25	25	75	75	75	50	25	50	52.9
Mortar Range	75	50	50	50	75	25	50	25	50	51.7
BT4	100	75	75	25	25	25	25	25	25	50.2
BT1	50	50	25	50	50	25	50	25	25	41.6
Mean	75.0	70.8	62.5	58.3	58.3	58.3	45.8	43.8	41.7	59.7

ADJOURNMENT

The meeting adjourned at 6:50 p.m. Arrangements were made for the next meeting to be held on 15 November 2006 at the Aurora Public Library; 14949 E. Alameda Dr., Aurora, Colorado. A meeting notification for the next RAB meeting will be sent out to the RAB members and interested individuals on or around 6 November 2006.