

Restoration Advisory Board

**Former Lowry Bombing and Gunnery Range
Arapahoe County, Colorado**

FINAL

RAB Meeting Minutes

for May 24, 2000
at Aurora Public Library

“Draft Minutes”
Restoration Advisory Board
Former Lowry Bombing and Gunnery Range
Arapahoe County, Colorado
May 24, 2000

The May 24, 2000 meeting of the Restoration Advisory Board (RAB) was held at the Aurora Public Library, 14949 East Alameda Drive, Aurora, Colorado 80012. The meeting started at 6:15 p.m. (A copy of the agenda is attached.)

Welcome and Opening Remarks

Mrs. Bonnie Rader, Community co-chair for the RAB, opened the meeting at approximately 6:15 p.m. Mrs. Rader asked all in attendance to introduce themselves.

Attendance

The following RAB members were present:

Jerry Hodgson, Corps of Engineers, Omaha District, Co-chair
Jeff Swanson, Colorado Department of Public Health & Environment
Bonnie Rader, Community Co-chair
Randy Ackerson, Glacier Pure Water Systems
Tom Butts, Tri-County Health Department
David Denton, John Laing Homes
Fred Esposito, Office of Naval Research
Mark Harding, Range View Metropolitan District
Bob Hastings, Colorado Countryside, Inc.
Bill Killip, Colorado State Land Board
Ed Lohr, Department of Navy
Paul Reining, DRI, University of Denver
Jim Welsh, OEA, Inc.

Other attendees:

Jim Anelle, USACE, Huntsville District
Laura Bishard, Colorado Department of Public Health & Environment
John Dow, Navy OESO
Jim Emery, CH2M Hill
Darrell Frey, U.S. EPA, Region VIII
Marion Galante, Colorado Department of Public Health & Environment
Erin Iverson, Stone & Webster
Bill Kelso, Parson's Engineering
Amy Lange, CH2M Hill
Ed LaRock, Colorado Department of Public Health & Environment
Carol Maclennan, Tri-County Health Department
Brad McCowan, USACE, Huntsville District
Summer Montgomery, Stone & Webster
John Mullen, Stone & Webster
Richard Rader
David Rathke, U.S. EPA, Region VIII
Hector Santiago, USACE, Omaha District
Keith Wegner, Correlations Corp., Technical Assistance for Public Participation (TAPP) for RAB

GENERAL RAB ITEMS:

Monica Sheets could not be present at this RAB meeting, and would instead give her presentation on Colorado disclosure law at the next RAB meeting.

Mrs. Rader asked if everyone on the board had had an opportunity to review the minutes. David Denton pointed out that the date for the next meeting was incorrect. Corrections were made and the March 22, 2000, minutes were approved.

Mrs. Rader said she spoke with Mr. Bob Digiorgio about withdrawing from the RAB and that he indicated he was not interested in continuing his participation on the RAB. Mr. Digiorgio stated he would write a letter to the RAB requesting withdrawal if asked to do so. It was decided that a withdrawal letter would be solicited from Mr. Digiorgio. Another representative from the Hunt Club to the RAB would also be requested, since Mr. Donald O'Connor will not be able to continue his membership on the RAB due to personal circumstances.

Mr. Jerry Hodgson suggested that the RAB perform another community outreach to solicit public involvement and new RAB members, which was then opened to the floor for discussion. Public involvement is desired for help in the decision-making processes, including the prioritization of the individual sites of concern. Mr. Hodgson said that the Colorado Department of Public Health and Environment (CDPHE) would manage the outreach with support from the Omaha Corps of Engineers and Stone & Webster as needed. It was decided that the RAB members would provide input rather than make formal decisions concerning the site operations. The next RAB meeting on July 19, 2000, will be held at an alternate location to remove time constraints on the meeting. The CDPHE will arrange for a mediator to be at the next meeting to help keep discussion on track and to serve as a facilitator. Laura Bishard with CDPHE will be the primary contact for community issues. Previously the priority conditions for clearance have been areas with the greatest hazard, and areas with the greatest potential for exposure. The main purpose for the RAB outreach will be to attempt to get more community input on priority clearance areas.

LOWRY TRAINING ANNEX

Navy Report

(presentation attached)

Mr. Fred Esposito narrated a presentation of the DRI site and Ammo Storage Areas. This presentation including information concerning the geophysical target search, radiation removal effort at the depleted uranium site, and environmental investigation, and the future outlook schedule. The environmental site inspection has been completed.

DRI/TA Activity Update

(presentation attached)

Mr. Keith Wegner gave a progress report on the Technical Advisory Services (TAS). The report included information on the current tasks, the area included, and the current budget usage. Mr. Wegner stated that he visited the site with CH2M Hill on April 28, 2000, and that work progress was following the layout of the work plan. The report also contained information on the site well sampling and testing.

Questions/Answers

What are the depths of the shallow and deep wells?

The shallow well is located at approximately 15 feet. The deep well is at 158 feet.

What kind of work is being done on the wells now that they've been sampled?

No work is being done on the wells until the sampling analysis has been completed.

Where is the deep well located in terms of aquifers and what are its uses?

The deep well is located in a shallow aquifer so that its only real use is sewage water.

TITAN MISSILE SILOS

HTRW Investigation Update

(presentation attached)

Mr. Hector Santiago and Mr. Ed LaRock narrated a presentation on the updates of work performed at the Titan missile silos. The report detailed the current status of each Titan complex, any fieldwork performed, conclusions and test results, and future actions.

Questions/Answers

Are the soil sampling results available yet?

No, they should be available next month.

How much standing water is in the silos?

There was about 27 to 35 feet in the silos previously that was pumped out and treated. Currently there is a very small amount left in the bottom of the silos, and it has been sampled and tested.

Where is the monitoring well in Complex 1-A and how deep is it?

It is at location DBH00-20 on Figure 3-1 of the handouts. It is 148 feet deep.

Did you sample the soil removed from the boreholes as well as the water?

No, just the water was sampled for contaminants.

What is the impact of the asbestos insulation in the silos?

Anyone who wants to purchase the silos and use them must perform asbestos abatement before any use can be allowed.

Is the radiation onsite manmade or naturally occurring?

The levels of radiation found at the site are lower than standard background radiation levels for the area. No attempt to determine the source of the radiation at 1-C was made because the levels were so low.

Will there be any resampling performed on the silos that have flooded?

Complex 1-B is being resampled due to flooding. The tests are looking at metals contamination. The entire complex may be resampled at a later date.

Was the existing well at Complex 1-C sampled?

No, the well wasn't sampled because the pump at the bottom is broken and it would require replacement before sampling would be possible.

Will updates be given to the RAB on the work at the Titan complexes?

There will be an interim report that could be presented to the RAB at the September meeting.

FORMER LOWRY BOMBING AND GUNNERY RANGE

Technical Assistance for Public Participation (TAPP)

(presentation attached)

Mr. Keith Wegner gave a presentation concerning the Technical Assistance for Public Participation (TAPP). The report included a progress summary, current tasks, and a cost summary. Mr. Wegner participated in the first SAR/HSI field verification exercise in April. The field verification process will become more refined as more tiles are processed and verified.

Settlement Agreement and Field Work Update

(presentation attached)

Mr. Jerry Hodgson presented a summary concerning work at the Former Lowry Bombing and Gunnery Range. The summary included information on the current SAR/HSI efforts, changes at the field office, a fieldwork update, and a cost projection analysis. The first field verification for the SAR/HSI went well, and as time progresses, the process will become more streamlined and efficient.

Questions/Answers

What happens to the wildlife when Bombing Target 1 is fenced in?

The intent is to keep domestic animals out, to protect the wildlife inside the fence. Some modifications may be made to allow wildlife to move in and out of the fence line.

Do we know what ordnance items are typically found inside Bombing Target 1?

The most common ordnance item is a 100-pound sand-filled practice bomb.

Will the fence be intended to keep kids out of Bombing Target 1?

The fence is intended to protect and preserve the wildlife in the area, including keeping people out as well as domestic animals. The agreement with the City of Aurora includes regular police patrol, and periodic surface sweeps to ensure no ordnance items are present that might pose a threat.

How much area will be included inside the fencing?

The area is approximately 500-600 acres.

What perpetual engineering controls have been put in place?

The City of Aurora will maintain the fence and patrol the area. The Corp of Engineers will perform recurring reviews of the site approximately every 5 years.

How often will the surface sweeps be performed?

The surface sweeps will be performed approximately every 5 years, possibly less.

Could someone broker the scrap onsite?

No. Discussions are currently being held with a number of companies to deal with the scrap. Jim Welsh with OEA, Inc., suggested that his company may be able to help with the scrap disposal. A meeting will be set up with him to discuss the issue.

There was no additional public comment.

Adjournment

Arrangements were made for the next meeting to be held July 19, 2000. Due to the change in purpose for the meeting, a meeting location and time have not yet been established. Meeting announcements will be mailed on or around July 5, 2000.