

***Final Minutes
Restoration Advisory Board
Former Lowry Bombing and Gunnery Range
January 15, 2003***

The January 15th, 2003, meeting of the Restoration Advisory Board (RAB) was held at the Double Tree Hotel at 13696 E. Illiff Place, Aurora, Colorado 80014. The meeting started at 6:15 p.m.

Welcome and Opening Remarks

Ms. Bonnie Rader, Community co-chair for the RAB opened the meeting at 6:15 p.m. Ms. Rader asked all in attendance to introduce themselves. Ms. Carol MacLennan announced she will sit in for Mr. Tom Butts.

Attendance

The following RAB members were present:

- Jerry Hodgson, U.S. Army Corps of Engineers, Omaha District (USACE), Co-chair
- Jeff Swanson, Colorado Department of Public Health & Environment (CDPHE)
- Bonnie Rader, Community Co-Chair
- Mark Harding, Rangeview Metropolitan District
- James Ives, City of Aurora
- Dave Denton, Laing Village, LLC
- Bill Killip, State Land Board
- Steve Ormiston, Shea Homes
- Carol MacLennan, Tri-County Health Department
- Paul Reining, DRI-DU
- Pete Pagano, DTH#2

Other attendees:

- Keith Wegner, Correlation Corp.
- John Mullen, Shaw Environmental Inc.
- Tracie White, Shaw Environmental Inc.
- Conrad Parrish, Shaw Environmental Inc.
- Teri Hartman, Shaw Environmental Inc.
- Allyn Allison, Corps of Engineers, Huntsville
- Bruce Whisenant, Corps of Engineers, Huntsville
- Sean Buckley, Parson Engineering Science (PES)
- Jennifer Lane, EPA
- Lynn Robbio Wagner, Tri-County Health Department
- Kellie Williams, US Army, Huntsville
- Jeanette Alberg, U.S. Senator Wayne Allard's office
- Morey Engle, R.F. Weston
- Dennis S. Guadarrama, AETC
- Randy Hawbaker, Cherry Creek School District
- Robin Lydick, I-70 Scout
- Ed Wilson, Shaw Environmental Inc.
- Barbara Wilson, Shaw Environmental Inc.
- Greg Williams, Foster Wheeler
- Col. Patrick Fink, USAF/AETC
- Ron Skarka, Village Homes
- Ken Shott, Corps of Engineers, Huntsville
- Vaishali Deshpande, Parsons
- Jack McIlrath, Foster Wheeler
- Sharon Moore, AETC

Daniel C. Lane, Foster Wheeler
Fred Lassitar, USACE Omaha
Glenn Marks, Citizen

GENERAL RAB ITEMS

Ms. Bonnie Rader (Community Co-chair) asked if the board had an opportunity to review the minutes of the prior meeting (November 20, 2002). The minutes for the November 20th, 2002 RAB meeting were approved under the condition that a typo on page 2 be corrected.

PRIVATE CLEARANCE

(handout posted on web)

Mr. Greg Williams, Foster Wheeler presented an update on the High Plains Development clearance activities. Foster Wheeler has identified an impact area of projectiles in an area that pre-existed the OQ range. They also investigated a large earthen berm thought to be used to hide the horizon to simulate air flight while firing on target.

Mr. Williams stated the area being cleared has been divided into thirds (approximately 200 acres in each area). When Foster Wheeler has completed clearance in one of the thirds, a completion report is issued so building may commence. Upon completion of clearing the entire land package, the land is to be used for a large luxury home building development to hold approximately 1,700 homes.

Mr. Williams stated that Foster Wheeler is clearing on average 15 acres/day. The original anticipated completion date was set to be in February 2003, however that may not happen. Foster Wheeler had 40 people working clearance activities and in late December 2002, they ramped up to 65 people on their clearance teams.

Foster Wheeler completes one clearance pass, they mag and dig, then remap the area and perform geophysical testing to determine what is left to clear. They are currently 13% complete with the project. The average clearance depth of 20mm objects is 8"; however, some depths vary due to the rolling hill terrain of their project area.

Ms. Bonnie Rader asked Mr. Williams if Foster Wheeler is being paid by the government for clearance activities. Mr. Williams replied they are paid by US Homes for the clearance work being done. He then stated that US Homes may seek reimbursement from the government for the cost of clearing the private land. Ms. Rader then asked how much reimbursement US Homes would seek. Mr. Williams said he did not know and that he would rather a US Homes representative answer that question. Ms. Rader mentioned she wants US Homes to give a response to this funding question.

Mr. Jeff Swanson, CDPHE asked if there is any evidence of 37mm items. Mr. Williams replied they have found 1 lb Mark 2 training items, but so far no evidence of 37mm. Mr. Williams did mention there are two 20'x8' concrete footings that may have been 37mm firing points. Eight 2.75" rockets have been located on the clearance site. Foster Wheeler has located approximately 8,000 20mm items and to date, 8 of these items have been live.

When digging foundations for homes, 10' of earth must be cleared to accommodate foundations. Ms. Rader asked how Foster Wheeler will ensure no further ordnance will be recovered when construction crews are digging out basement areas. Mr. Swanson mentioned that if any ordnance is left after Foster Wheeler clearance activities are complete, US Homes would be responsible for stopping work until the items can be cleared. US Homes construction personnel and supervisors should be ordnance trained such that they can recognize items, if found. US Homes is responsible for overseeing building operations, but in the case that ordnance is found, the USACE is responsible for the munition.

Ms. Bonnie Rader asked whether or not soil will be tested for lead or uranium contamination. Mr. Swanson replied that there is no lead in the impact area, rather steel and zinc. There is no depleted uranium concern in this area.

Ms. Rader asked whether or not 20mm items found in the earthen berm were live or practice items. Mr. Greg Williams replied all 20mm items thus far were practice items.

LOWRY TRAINING ANNEX

Air Force Report

(handout posted on web)

Mr. Dennis Guadarrama, United States Air Force (USAF), stated there are two teams performing clearance and a total of 174 grids are complete to date. He also mentioned that funding is secured for FY03. After his presentation, Dennis said some departing words to the RAB. Col. Fink, USAF said some positive words regarding Mr. Guadarrama's departure to work on a different project and he introduced the new Program Manager for the Former Lowry Training Annex (FLTA), Ms. Sharon Moore.

FORMER LOWRY BOMBING AND GUNNERY RANGE

Technical Assistance for Public Participation (TAPP)

(handout posted on the web)

Mr. Keith Wegner presented a progress report (attached) concerning the Technical Advisory Services for the Former Lowry Bombing and Gunnery Range (FLBGR). Mr. Wegner mentioned the final geophysical report is not yet reviewed and TAPP is currently reviewing the following three reports:

1. Chemical Safety Submission (CSS)
2. Jeep and Demolition Work Plan
3. Standard Operating Procedures.

The handout included a progress summary, current tasks, and a cost summary. A summary of Mr. Wegner's observations is provided in the handout.

Field Work Update

(presentation posted on the web)

Mr. Jerry Hodgson presented a summary/update of the FLBGR project status. The presentation included a summary of current activities and a summary of activities completed to date. He stated that BT6 is 28% complete. There are currently four teams performing clearance activities; two are working at the FLTA, and two are in the Rocket Range.

Mr. Hodgson also stated that the M-125 found in BT6 on December 18, 2002 was simulant filled and has been disposed of as conventional unexploded ordnance (UXO) following standard site procedures. Mr. Hodgson then introduced Mr. Sean Buckley, Parsons, to give an overview RCWM Response Process (see handout for details).

In response to Mr. Buckley's presentation, Ms. Bonnie Rader asked how RCWM disposal shall be carried out. Mr. Swanson replied there is no decision yet on whether or not to dispose of the material or destroy it. There are on-site facilities to store RCWM materials when found. When the project is done, a decision can be made whether to destroy the materials on site or dispose of them elsewhere.

Ms. Rader wanted to know how crews will differentiate between diesel emissions and other air contaminants in the work tents on the RCWM site. Mr. Buckley replied they will vent backhoe emissions out of the tent and monitor the air inside the tent with mini-CAM's (Continuous Air Monitor) for other pollutants.

Ms. Rader wanted to know whether or not RCWM work will commence prior to the warm weather season to accommodate employees wearing the cumbersome PPE. Mr. Buckley stated they will work through the warm weather season; video monitoring in the tent will allow the monitoring of employees for heat stress as well as ensuring people are following the proper procedures.

Mr. Jerry Hodgson resumed his field work update after Mr. Buckley's RCWM presentation and discussion. Mr. Hodgson stated the CSS is currently undergoing external review and the Draft Work Plan on board review started on January 15, 2003 and is expected to end on January 16, 2003.

FY03 funding level for the site is \$8M which will not allow the Corps to begin RCWM intrusive activities at the Jeep and Demolition Range.

Mr. Hodgson mentioned that there have been some significant delays in siting the RCWM Site Compound and geophysical test plot due to problems with obtaining approvals from the City of Aurora and Arapahoe County. When asked what delays have been encountered, he that the City was trying to make the Corps adhere to stringent siting requirements that are more applicable to permanent construction, then a temporary construction site compound. In addition, Mr. Hodgson indicated that he felt some of the problems being encountered were the result of political issues between the City and County.

Discussion

Ms. Rader asked Mr. Jeff Swanson to clarify the purpose of the letter he provided RAB members. The letter provided states the USACE is requesting more money for funding clean up efforts. Mr. Swanson replied the letter is an effort to share the communication the State has had with the USACE. The letter documents the level of completion at the FLBGR and where they think they should be at this point in clearance activities. The also letter states short term funding goals for the Jeep and Demolition Range.

Mr. Swanson stated the project is 5 years into the settlement agreement and is only 30% complete with the clean up process. The thought of this turning into a 20-30 year project makes him very uncomfortable.

Mr. Dave Denton, Laing Village Homes, asked whether or not the RAB is opposed to private landowners clearing their own land and then requesting reimbursement from the government. Mr. Swanson replied he is not against land owners clearing their own land. Mr. Swanson stated it would be difficult for the state to support several different owners and the USACE working simultaneously. Mr. Hodgson stated that if the landowners sued the government for cost recovery of performing their own clearances that they would be dealing with the Department of Justice (DoJ). Mr. Swanson stated that funding for settlement of lawsuits through DoJ are separate then FUDS funding, and may not impact the projects funding.

Ms. Rader stated she is bothered by development happening so rapidly with people moving into new subdivisions that are surrounded by uncleared land. She feels development is too fast for the clean up efforts. Mr. Swanson replied that clean up efforts need to accelerate.

Ms. Rader asked whether or not she should write a letter of invitation to Senator Campbell and Senator Allard's office to attend a RAB meeting. She also asked whether or not the press should be involved. Writing the letter to the Senators' offices may help alleviate some of the delays hindering progression of clearance activities. Mr. Swanson stated it is a public meeting and anyone who wants to attend is permitted to come.

Mr. Swanson stated that he would like to hold a combined RAB meeting with the FLBGR RAB and the Lowry Air Force Base RAB no sooner than the next RAB meeting (March, 2003). He hopes that by holding a joint meeting both RAB's may have their concerns addressed as well as have a Titan Missile Silo update. Ms. Rader expressed that holding a joint RAB meeting may be last too long to address all concerns in enough detail. She suggested finding some way to partition a room so both RAB's may participate on the Titan Missile Silo update. After the silo update, separate the room into two such that both RAB's may then conduct their meetings separately. **No decision was made by the end of the meeting.**

Mr. Swanson stated that Mr. Ed Larock will have a draft fact sheet on the Titan Missile Silo at the March meeting.

Adjournment

Arrangements were made for the next meeting to be held March 19, 2003, 6:00 p.m., at the Double Tree Hotel.

Meeting notification for the next RAB meeting should be sent on or around March 10, 2003.