

Subject: Draft Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant (LHAAP)

Location of Meeting: Caddo State Park Recreation Hall, Karnack, Texas

Date of Meeting: April 19, 2012, 6:30 – 08:00 PM

Meeting Participants:

LHAAP/BRAC: Rose M. Zeiler

USACE: John Lambert, Aaron Williams, Wendy Lanier

USAEC: Cathy Kropp, Robin Paul, Cynthia Judd

Shaw Environmental: Praveen Srivastav, Van Vangala

TCEQ: Fay Duke

USEPA Region 6: Steve Tzhone, Rich Mayer, Paul Torcoletti, Janetta Coats

USGS: Kent Becher

RAB: **Present:** Paul Fortune, Charles Dixon, Carol Fortune, Judith Johnson, Ted Kurz, Nigel Shivers, Judy Van Deventer, Tom Walker
Absent: Ken Burkhalter, Lee Guice, Robert Cargill, Jim Lambright, Richard LeTourneau, E.V. Wilson, Pickens Winters

Public: Robert Speight, Lee Thomas, Jeff Thompson (Harrison Co. Commissioner), Dawn Orsak (CLI - TAG), George Rice (CLI-TAG)

An agenda for the RAB meeting was distributed prior to the meeting. Paul Fortune called the meeting to order.

Welcome – Rose Zeiler

Robin Paul and Wendy Lanier were introduced. The previous RAB meeting minutes were distributed as handouts and the RAB was informed that if they had any revisions for the meeting minutes to submit comments for inclusion prior to uploading the minutes to the

Administrative Record. Judy Vandeventer asked about previous meeting minutes. Rose Zeiler responded that they were available in the administrative record. Because the minutes for meetings held in 2011 were not presented to the RAB for review, comments on the minutes will be accepted through the next RAB meeting.

Open Items – Rose Zeiler

Charter Revision

Cathy Kropp informed the group that the RAB charter had been updated to be consistent with the RAB's current and preferred method of operation and to be aligned with the RAB Rule. A copy of the revised RAB charter was distributed to the group for review. One additional change was requested during the meeting- under section 4.2 the reference to "term limits above" will be removed. Once both Co-chairs provide signature the charter will be forwarded to Tom Lederle for final approval in accordance with the RAB Rule and then included in the Administrative Record.

RAB

Cathy Kropp informed the RAB that it is not a requirement to sit as a group but that it is recommended along with the use of tint cards to help distinguish RAB members from interested parties and for the Co-Chairs to easily identify who is present and who is absent.

Contract Status - USACE

John Lambert informed the group that the new contract had been awarded in March however a protest had been submitted by one of the unsuccessful bidders. The result of addressing the protest was to reopen the evaluation process. In the mean time, Shaw's contract has been extended to the end of May to continue operating the Groundwater Treatment Plant. A question was asked whether the period of performance was set? The answer was yes, the period of performance is through September 2017. Will cleanup be reached with the contract? OPS will be reached by 2017 which will allow for transfer of the land to USFWS. Is lowest cost the preferred bidder? The evaluation is based on best value, taking into consideration both technical aspects and cost.

Groundwater Treatment Plant (GWTP) Update–Shaw

Praveen Srivastav presented a PowerPoint displaying the Groundwater Treatment Plant operation and treatment for the last three months which resulted in the treatment of ~800,000 gallons. The public asked if 800,000 gallons treated per quarter is what is expected? Shaw replied that this is low due to the drought and typical treatment is about 1,000,000 gallons per quarter. Public asked what the composition of treated water is and whether can drink it? Shaw stated that the treated water must meet a list of criteria set by the regulators for discharge to the surface water in Harrison Bayou. The discharge criteria are based on a calculation that takes into account the flow in Harrison Bayou. TCE and perchlorate are near drinking water standards but the sulfide and chloride are higher and thus the effluent water from the GWTP is not suitable for drinking. Question was asked how the flow in the creek is calculated? Shaw replied that the flow is measured using a flow meter which is lowered into the creek near the GWTP discharge point. Where is the discharge point? The discharge point is in Harrison Bayou near the Pistol Range. The public asked about the condition of the liner at the INF pond and whether trees at the edge of the INF pond penetrated the liner? Shaw stated that during removal of the trees it was found that the trees were above the liner and didn't go through the liner. What is the yearly cost of the GWTP? That information is confidential.

Document Status/Environmental Sites

Copies of the document status table were distributed and Praveen Srivastav discussed each site.

- LHAAP-03: Resolving regulator comments.
- LHAAP-04: Regulatory comments received and response to comments have been submitted back to regulators.
- LHAAP-12 RA(O): Years 1 and 2 RA(O) report and Years 3 and 4 are in comment resolution phase.

Perimeter Well/Surface Water Sampling (Creek) Results and Update

Creek samples were collected during the March event and are provided. Results from five locations were below the TCEQ GW-RES for perchlorate. The next perimeter well sampling event is scheduled for September along with the quarterly creek monitoring event.

Other DERP Environmental Restoration Update – Rose Zeiler, Stephen Tzhone, Fay Duke

Army and Regulators informed the RAB that they are currently in dispute resolution over 8 issues arising from four RODs and 1 dispute over stipulated penalties. The details for the dispute issues were discussed in general terms to ensure an unbiased presentation of the issues (e.g. disagreement over cleanup level for perchlorate, how to manage LUC, should munitions be treated as principal threat waste, and post closure care plan). The RAB was informed that the specifics of the dispute resolution could be reviewed in the Administrative Record at the Marshall Public Library by the end of the month. TCEQ clarified to the RAB that the remedies selected in the RODs are protective and that the dispute issues are a matter of policy. The RAB was informed that in accordance with the FFA, the three parties (Army, EPA and TCEQ) first made every effort to informally resolve disputes at the project manager level. When the disputes were unable to be resolved, they were elevated to the Dispute Resolution Committee (DRC) consisting of the Hazardous Waste Management Division Director of EPA Region 6, the Commander of LHAAP, and the Director of the Hazardous and Solid Waste Division of TCEQ. After 21 days the DRC was unable to unanimously resolve the dispute and a written statement of dispute was forwarded to the Senior Executive Committee (SEC) for resolution. The SEC will serve as the forum for resolution of disputes for which agreement has not been reached by the DRC. The public asked what impact the dispute would have? The response was the dispute would cause some delays in schedule. Public asked has it ever gone to this extreme? The answer was no. The RAB was informed that since the dispute issues have been raised to the SEC level they now have policy implications. The public asked will the RAB be notified of resolution? The answer was yes and that according to surveys from the Community Relations Plan, the highest number of those surveyed preferred to be informed via a press release. The RAB requested that they hear the result prior to a press release. The RAB was informed that they would be informed first. The public asked what kind of penalty was assessed? The penalty is \$5,000 per violation for the first week and \$10,000 per violation each week thereafter.

LHAAP-37 – Bioplug Demonstration Project – Rose Zeiler
There is nothing new to discuss.

LHAAP-35B(37) Well Installation and Results – Aaron Williams

Aaron Williams presented a figure depicting the three additional monitoring wells which were installed to support the Bioplug Demonstration Project along with sampling results which indicate the plume at LHAAP-37 is larger than originally depicted, with TCE hits in the new wells to the east and west of the original inferred contours of the plume. The RAB was informed that the new contract will include installation of additional wells to monitor and capture the boundary of the plume. A question was asked about the extent of the plume and whether it was expected. No, the detections were not expected. Direct Push Technology will be used to optimally locate the new wells.

Military Munitions Response Program (MMRP) Update – USACE

There is nothing new to discuss.

Other Environmental Restoration Issues

-Phytoforensics study update – Rich Mayer

Rich Mayer informed the group that the work plan is being drafted and that they hope to be in the field at an optimal time for tree coring.

Look Ahead at the Schedule

Presentation provided: Upcoming Field Work includes groundwater monitoring in September at LHAAP-18/24 and creek sampling quarterly. Upcoming documents include: LHAAP-03 EE/CA, LHAAP-04 Feasibility Study, and LHAAP-18/24 Feasibility Study.

New Items/Question and Answer

Paul Fortune, RAB Co-chair asked about a wooden cover that is deteriorating on the way to the Fire Station on the left side of the road which could be a safety concern. Army responded that it should have been taken care of under the pits and hazards effort but would take a look at it.

The next RAB meeting was tentatively scheduled for July 19, 2012 and the group communicated a preference for meeting at the Caddo State Park Recreation Hall for all future meetings.

Adjourn

April Meeting Attachments and Handouts:

- *Status of Technical Documents PBC*
- *Meeting Agenda*
- *Meeting Minutes from January meeting*
- *Surface Water Sampling Results and location map*
- *LHAAP-35B(37) Well Installation and Results*
- *Shaw Presentation*
- *Look Ahead*

Acronyms

<i>DERP</i>	Defense Environment Response Program
<i>EE/CA</i>	Engineering Evaluation/Cost Analysis
<i>FS</i>	Feasibility Study
<i>GWTP</i>	Groundwater Treatment Plant
<i>MMRP</i>	military munitions response program
<i>PBC</i>	Performance Based Contract
<i>RA(O)</i>	Remedial Action Operations
<i>RD</i>	Remedial Design
<i>RFI</i>	Request for Information
<i>ROD</i>	Record of Decision
<i>USGS</i>	United States Geological Survey