

PLEASE NOTE ACTION ITEMS ARE IN ITALICS

Meeting Team Taku
Tuesday, 21 August 2007

Attendees: Cristal Fosbrook, Therese Deardorff, Joe Malen, Rielle Markey (USAGAK); Jacques Gusmano (USEPA); Sharon Richmond, Marti Brewer, Guy Warren (AK Dept of Environmental Conservation); Robert Brock (USACOE AK District Anchorage); Cory Hinds, Vivian Tokar (CH2M Hill); Terry Heikkila, Katie Bloom (Jacobs Engineering); Joe King (Army Environmental Center)

Topics of Discussion:

Status of Work, CRREL (provided by Therese via an email from Beth, who is TDY):

1. *Perform a follow-up resistivity and EM survey after Jacobs does the excavations at Buildings 48 and 49 in September or very early October. The timing will depend on when Jacobs is finished with their work.*
2. *Finish up processing the GPR data by the end of September that was collected in July.*
3. *Update the EM61 map with additional utilities and identify more anomalies based on as-builts. She will need the latest as-built version for this.*

Per Joe Malen, as builts have been promised and were supposed to have been sent to Joe on the 20th. *Joe will get them to Vivian for putting on the ftp sitewhen received.*

Status of Work, Jacobs Engineering (JE):

JE Document 1, Communication Plan

This plan has now been finalized.

JE Document 2, MEC Support Work Plan

Comments have been received. The COE CX will review the document. Bob's POC is Carol Yolke, who usually then hands the documents to Bill Veith for review. They have committed to a quick turnaround once the documents are received; Bob feels resolving our comments first will help expedite that review. Bob will check with them to see if it has to be approved by them prior to any intrusive work. The figures are being coordinated by JE, CH2 and CRREL.

JE Document 3, Long-Term Soil Stockpile Plan

All comments have been submitted, but not yet received by JE. This document is nearing finalization.

JE Document 4, Drum and Debris Removal Plan

Comments have been received from EPA, ADEC and Cristal. There was some discussion on the PID levels, because although there were no PID readings in 2006, it smelled bad. JE will also look for staining and other visual clues of any potential contamination, etc, while doing their work.

In regard to investigation by removal, Jacobs will be sampling all the soils that will be disposed of off site; CH2M Hill will sample the bottom and side walls of excavations. The CH2 data will feed into the Risk Assessment; Jacobs data will be used to determine disposal options. JE will be sampling any drum contents as well.

There should be two big holes for the 48/49 investigation. If it's found to be extremely contaminated, a few samples will be grabbed and the hole(s) closed. Less than 20 ppm on the PID soils can be put back in the hole. Since CH2 will be sampling the side walls/bottom, we'd know later if there was something there that we should be concerned with.

There was some discussion on the depth of the investigation; it will likely be between 10'-12' to 15'-16' and could be below groundwater. JE will put something in place to capture any dripping groundwater if found.

When discussing the depth of the investigation and what to do if drums/debris is found in the side walls, it was stated by Jack that you certainly shouldn't remove everything, and that the analyses will determine what should be done. Bob Brock recommended that work stop, a photo taken, and the proper military personnel would make the decision. A decision would have to be made on engineering factors as well as cost and feasibility.

When discussing how close the excavation can come to the homes, JE said their structural engineer felt they could come close to the foundation edge at depth. There was discussion then about the blueboard that juts out 2'-4' and how to handle that. Removing and replacing it is not a likely choice.

There was also discussion on how do we know when to stop pulling debris/drums, and who would make that decision. Some felt it would just depend on what you were pulling out, i.e., drums versus cultural debris. Cristal feels that the debris at 48/49 will be different from that at 23. Should we stop once we hit the assumed east/MEC area? What about utilities? It should likely stop at a minimum when it becomes more than an investigation.

JE Document 5, PCB Removal Work Plan

Some comments have been received. This plan is not as critical, but needs to be finalized prior to the work planned for mid September.

Miscellaneous JE Items

JE mobilized to FWA yesterday, and will have their safety briefing with Joe Malen today.

Status of Work, CH2M Hill (CH2):

Sound Berm Work Plan, Addendum 1

This document has been finalized and work is complete.

Soil piles, Addendum 2, Toxicity Characteristic Leaching Procedure (TCLP)

This document has been finalized and work has begun. *There still needs to be resolution on the TCLP issues.* Right now the samples are collect and being held at the lab pending resolution of this issue.

Soil Gas Sampling, Addendum 3

This document was posted with revisions on 3 August. It still needs some comment resolution. The document will incorporate discussions and decisions from last week.

It was decided that soil gas would not be required in the Exclusion Zone in areas where soil was going to be removed.

It was agreed that CH2 would evaluate and respond to ADEC's request for additional soil gas probes in the buildings. The probes have gone in easy with the exception at 63/61 (could it have been permafrost/ice, or just a large rock?). They are being installed by a hand drill, and the tip goes just under the slab.

Deleted: It was restated that the soil gas probes in the garages would be installed in both the east and west sides due to the depth of the probe as being minimal (3"-4").

This work will continue into next week. CH2 hopes to begin the soil gas probe installation in open areas after Labor Day.

It was thought the results generally come back within 7-10 days after submission to the lab. They are being turned in piecemeal rather than waiting for the entire site to be completed.

Groundwater Investigation, Addendum 4

This document was posted with revisions on 16 August. It still needs some comment resolution.

Status of Interim Draft Remedial Investigation Management Plan

This document will include all CH2 and JE addenda. It will be finalized within seven days after approval is received of the last addenda. Sections that should be coming to us for advance review include the CSM for MEC (in a couple days); DQOs by task; decision trees; up front history, etc. The RIMP must be consistent with the addenda and vice-versa.

Risk Assessment Work Plan

CH2 is awaiting backcheck comments; they have received some from ADEC. EPA will ensure all comments on all documents are in this week (since he is going on leave).

EPA Concerns:

N/A; discussed above.

ADEC Concerns:

N/A; discussed above.

Miscellaneous:

Joe King said he would get the DDESB on board via a contract. He said it would take six months for full engagement, but he felt they would likely get involved sooner. This would help us with decisions on potential investigations and/or removals of debris, etc., through the site, in Area A.

Next Meeting:

Tuesday, 28 August, 1300-1430

Jacques Gusmano will be on leave; Shirley Rieven can be consulted for technical issues, and Bill Adams should be contacted for critical regulatory issues. Joe Malen and Joe King will be attending a UXO conference, and may try to call in for the meeting.