

Minutes from Taku Teleconference
19 July 2007
1000-1200 AST

Army: Cristal Fosbrook, Therese Deardorff, Joe Malen, Rielle Markey

Army Environmental Center: Joe King

ADEC: Sharon Richmond, Guy Warren (ADEC MEC), Earl Crapps (ADEC Chemist), and Jim Pestoric, UXOPro, ADEC UXO Contractor

CRRE: Beth Astley

EPA: Jack Gusmano

AK District COE: Bob Brock, George Newman, Greg Smith

CH2M Hill: Cory Hinds

Agenda Items:

1. Soil Stockpile – Update, schedule, and disposal

The soil piles have been inventoried, some previously, some this year. The piles in this plan are primarily location in the Exclusion Zone (EZ), and all are aboveground. They will be characterized if they are not currently characterized. They will be disposed of at the landfill, at OIT, or characterized as hazardous waste as appropriate and moved off the site. None of the soils will remain on site and thus will never be used in the Risk Assessment. It was determined that Multi Incremental (MI) sampling would be appropriate for disposal of these piles. ADEC agreed to a quick turnaround on review of this document (Crapps) and reminded all that the Remedial Investigation Management Plan (RIMP) must be approved prior to field work start.

After discussion, it was agreed that the sound berm would not be sampled until geophysics had been completed (end of next week).

2. Clarifying the ARAR for UXO/MEC/ DMM

The Army proposed to use COE EP 75-1-2 dated 1 August 2004, entitled, "Munitions and Explosives of Concern (MEC) Support during Hazardous, Toxic, and Radioactive Waste (HTRW) and Construction Activities as the ARAR in this investigation. This was agreed by all (ADEC: Warren; EPA: Gusmano) as a good approach. Everyone should look at this document and become familiar with it; it was new to some participants of the call.

3. Delineating and agreeing on the MEC Area and

4. Status of MEC Avoidance Plan

It was stated by both EPA (Gusmano) and ADEC (Warren) that anomaly avoidance should be used site wide, following EP75-1-2. There was lengthy discussion on definitions and whether or not the area has a low or a moderate to high probability of MEC. There were also questions of whether the Army is proposing Avoidance or Standby for Intrusive investigation. These things have an impact both on what should be written and how the investigation should proceed. Many agreed that there is not sufficient referral to known information from other documents prepared at earlier times and that these references should be made in the final MEC Plan.

Many elements of the MEC Plan needs to consider the care already being taken before borings are made due to the many utilities that have to be avoided in the drilling process, as well as the level of excavation that has already taken place and considering what we know historically from photographs and documents.

CH2 (Hinds) proposed to find a solution of addressing as to what has been proposed as a non MEC area as a low probability MEC area and writing the several pages into the plan that assures that the area is being addressed in accordance with a low probability area. The document would also state the known information (historical, documented, etc.) to support the position. The plan would also include a "what if" decision tree/scenario. This document will use EP 75-1-2

The document will be the stage where this is agreed to by all parties. Also, Jacobs' plan will be revised to match last year's plan, but should incorporate EP 75-1-2 as well.

It was decided that only one plan should be written to cover the entire site; we hope to have it by late next week.

EPA (Gusmano) suggested that all site workers read and sign to plan to ensure they understand all site conditions.

5. Approval timeline for QAAP/FSP

The QAPP was resent for back-check of comment input and approval of the final document. It was hoped these could be received by the following week, as this document will be used for the life of the project.

CH2 will circulate a table of documents, dates, responses received to date, etc., to help keep everyone in the know about the status of documents.

Hopefully the updated Soil Gas Addendum and the Field Sampling Plan and the QAPP will be approved by the end of July.

Corey said he would still like to see the removal at 48-49 to take place in Mid August.

6. Discussion of the TRIAD approach for field work, and use of addendum/specific work plans (i.e., generic FSP, QAPP, SSHP, MEC).

The addendum would be approved as they came out, and eventually become part of the RIMP. The use of the addendum and living work plans IAW the TRIAD approach, which the RPMs agreed would be well suited for this project.

The Army asked if once the QAPP and FSP, as well as the RIMP are finalized, can CH2 begin the sampling, at least of the soil stock piles and sound berm once those addenda are approved. EPA felt that the only other document that would be required would be an anomaly avoidance plan for non-MEC areas, but that wouldn't be required for the sound berm and soil pile sampling. EPA did state that no intrusive work should take place without the avoidance plan.

The soil piles were already sifted through in 2006 and findings are documented in the PSE1 and PSE2. There was discussion on the sound berm and geophysics; it was decided that sampling should wait until the geophysics are done (before the end of July), but if CH2 gets approval, they could start with the soil piles.

CH2 (Hinds) reminded the group that there would be no borings in the sound berm, that the samples would be hand dug 0-2' below the surface, using an MI approach. Characterization (for PCBs, etc.) would be done later BGS using discrete sampling techniques. ADEC is fine with this approach.

7. PCB Removal Action: Potential disposal options for PCB less than 10 ppm.

ADEC (Richmond) said that if the solid waste permit says that up to 10 ppm PCB contaminated soils can go to the landfill that is ok with her. EPA (Gusmano) agreed. This will be verified with ADEC Solid Waste (Spiers) in writing before work start, and will be documented in a work plan. This action should lower disposal costs.

Miscellaneous:

Before the drum removal at 48/49 can take place, the MEC plan will need to be approved.

There will be two UXO support teams on site during all intrusive work.

The soil berm and soil piles sampling by CH2 will be done prior to Jacobs mobilizing for the PCB removal and drum removal work. Jacobs has done some clearing already outside of the fenced area.

The question of how or if geophysics under a building can be done was briefly discussed. CRREL will likely use buildings 48/49 to test some methods doing a pre and post removal test.

CH will start in the W/SW portion of the site.

The group agreed to a teleconference again next week, 26 July 2007, 1000AST, same call in numbers.

The order of work will be soil piles, sound berm and soil gas by CH2.

ADEC (Richmond) said at the end of the call that she needed EPA (Gusmano) and Army (Fosbrook, et al) to remain on the line. AEC (King) stated that he wished things were proceeding faster than they are. He then said there were no guarantees that the Army would not proceed before plans were approved. ADEC (Richmond) said that is exactly what she needed to talk to RPMs about; AEC (King) stated then he was going to remain on the line.