

Meeting Team Taku  
Tuesday, 14 August 2007

Attendees: Cristal Fosbrook, Therese Deardorff, Joe Malen, Rielle Markey (USAGAK); Jacques Gusmano (USEPA); Sharon Richmond (AK Dept of Environmental Conservation); Scott Kendall (USACOE AK District Anchorage); Cory Hinds, Vivian Tokar, Bernice (Bernie) Kidd (CH2M Hill); Terry Heikkila, Katie Bloom (Jacobs Engineering); Beth Astley (CRREL)

Topics of Discussion:

**Status of Work, CH2M Hill (CH2):**

**Sound Berm Work Plan, Addendum 1 discussion**

The sound berm multi-incremental (MI) sampling was completed 3 August. All decision units have been sampled except for the northwest corner by the substation. The first set of data is due 17 August barring any lab issues. No petroleum hot spots were found along the sound berm.

Sampling of the soil piles using MI was begun. The grouping of soil piles into decision units (DU) took place. Some of the smaller piles were grouped together to make one DU; some of the larger make up many DUs. Some asphalt was found in piles making it harder to auger through. All piles are being sampled in accordance with the agreed upon work plan, dated 7 Aug 07, Revision 2.

CH2 hopes to partner with Jacobs Engineering (JE) in using some equipment to expedite the processes on site.

*Cory will provide an updated document log table for the CH2 documents.*

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

There were some concerns regarding ADEC's desire to take TCLP for metals in the soil piles, and how this could turn into a Resource Conservation & Recovery Act of 1976 (RCRA) waste. Sharon was to confirm with ADEC Solid Waste regarding total metals sampling using MI. The MI samples will be kept at the lab if it is determined TCLP is required. In the interim, they will be run as originally set forth in the work plan.

It was agreed that the results of the soil pile investigation should meet two objectives:

1. Determine if there are any high contaminants of concern/potential contaminants of concern; and
2. Characterization for soil disposal.

Jack suggested that if we run total, and if it exceeds the 20x's level, then TCLP should be run. *Cory was going to look into this a little more, and the three agencies were going to discuss this more on Thursday 16 August in Fairbanks.*

### Soil Gas Sampling, Addendum 3, Discussion

This document was posted to the ftp site on 3 August with responses to comments. It was discovered that there was no in floor heating as originally believed, so sub-slab samples from the garages could be taken to determine if there are any indoor air issues. One sample per house will be taken. A helium leak test will be conducted to ensure a tight sample point. The hole will only go to a depth of 3-4" below the concrete, and can be done in both the east (moderate to high potential for MEC) and west (low MEC potential) sides of the site. These results should supply defensible data for inclusion in the Risk Assessment.

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*Beth Astley will see if the soil gas holes could be used for conducting any kind of geophysics under the homes.*

The sampling could start next week. There is a flow controller and the sample is taken over a 30 minute period. The sample flows into a canister. The holes can stay open for future samples if needed; once they are no longer needed, the holes will be cemented back up. The housing soil gas samples has been discussed with the Housing Office personnel. Joe Malen will keep Housing (Cyndi Larson) as well as Mike Meeks informed and up to date on activities.

There was discussion on sub-slab sampling in the School Age Services (SAS) building. The idea would be to sample as is being done in the garages. This proposal will be evaluated and then decided upon. Apparently the building was just painted, so it would be a better idea to characterize the potential soil plume and install new groundwater wells downgradient to determine if there is anything that may be passing under the SAS building. *The as-builts for the SAS are required as well; they have been ordered by Joe Malen.*

The "open" area soil gas probes will be installed at a later time.

The purpose of the soil gas investigation is:

1. To determine if there are any potential issues with indoor air (using the sub-slab results); and
2. Location potential courses (outside, "open" area samples).

### Groundwater Investigation, Addendum 4, Discussion

This will be posted on the ftp site the 15<sup>th</sup> with the responses to comments. It will include a table with number of wells, locations, justifications for those locations, and proposed locates for the deep wells. CH2's groundwater modeler, Peter Lawson, is in consult on this project.

#### Status of Interim Draft Remedial Investigation Management Plan

The document will be completed seven days after final approval of the last addendum, which includes the addenda being prepared by JE.

Cory received the approval to pass to risk assessors for each agency the comments on the Risk Assessment Work Plan to expedite the review processes.

#### **Status of Work, Jacobs Engineering (JE):**

##### Schedule

Award has been made to JE's sub, and they should be mobilizing half the crew by next week. They hope to start excavating, or at least start moving soil and debris to the FWA landfill, by 22 August. By the 27<sup>th</sup>, there will be two fully staffed crews on site, and hope to begin the Buildings 48/49 investigation. They are shooting for the PCB removal to begin by mid-September, and that should move pretty fast. JE will also be providing support to CH2 in Area A. All plans will be approved prior to field work start.

Jack will have his support contractor, Shirley Rieven (PH7 Logistics and Support), on site the 16<sup>th</sup> of August, and she may come back to view the field work in late August.

##### JE Document 1, Communication Plan

This has been sent out for review; once all comments are received, it can be finalized.

##### JE Document 2, MEC Support Work Plan

There are concerns with calling the entire site a Military Response Area. This will be discussed by the agencies on the 16<sup>th</sup>.

All comments will be posted on the ftp site when received.

##### JE Document 3, Long-Term Soil Stockpile Plan

This is in regard to POL soils found during the 48/49 drum and debris removal.

JE will send out an updated document log table. JE documents are also posted on the ftp site.

#### JE Document 4, Drum and Debris Removal Plan

Cristal asked if it had been determined yet how close to the buildings we can excavate during the drum/debris removal at 489 and 49. Terry said they have been tasked to have a structural engineer review and plans and make a recommendation. We would also need guidance on how to backfill and compact, as well as support requirements—or if buildings could be moved if necessary. The final decisions will be made by Commanders in the Army.

Terry believes the entire process for both buildings 48 and 49 may take about a month; this will be done parallel with the PCB removal. JE will likely be on site through October. Once their work is done, Beth will provide a new geophysical map.

No other excavation in the east (MEC mod to high) area is planned for this calendar year, as nothing has been agreed to at this point. Groundwater wells will go in but the MEC plan must be finalized first to accomplish that task.

#### JE Document 5, PCB Removal Work Plan

JE will include the source of their backfill in the work plan(s). This will be done in September; they are awaiting comments from the entire team. The approach to waste characterization is in the plan.

#### Miscellaneous JE Items

JE has been requested to investigate the new anomaly northwest of the substation.

#### **Status of Work, CRREL:**

Beth said that resistivity and EM61 will be done at 48/49 once JE has completed their removal investigation. EM has been done site-wide with the exception of the Exclusion Zone. GPR has also been collected site-wide, but it will take some time to put that data together into a meaningful format.

#### **EPA Concerns:**

N/A; discussed above.

#### **ADEC Concerns:**

N/A; discussed above.

#### **Miscellaneous:**

The area north of Building 15 will need to be looked at too due to the geophysical results.

Some post-group conference discussion was held. Sediment sampling is discussed in the RI Management Plan, and will be done later, but should be completed prior to freeze up. Cristal will check with Bob Brock on this tasking.

**Next Meeting:**

Tuesday, 21 August, 1300-1430.

