

CCN: CTO-0095/0115
FILE: 0208

MEETING MINUTES

Meeting Subject: Additional Investigation at AOPC 5, Building 46, NAVSTA, Long Beach, CA		Meeting Date: 21 Aug 1996	
		Meeting Time: 10:00 BNI - Norwalk Conference Room 6W	
Attendees:			
<u>SWDIV</u>	<u>BNI</u>	<u>Agencies</u>	
Alan Lee	Krish Kapur (PM)	Alvaro Gutierrez, Cal-EPA/DTSC	
Duane Rollefson	Aklile Gessesse	Hugh Marley, RWQCB-LA	
Chris Leadon	Maryam Tasnif-Abbasi	Martin Hausladen, USEPA	
Ed Dienzo	Serge Baghdikian		
Faiq Aljabi			
copies to:			
Walter Sandza, SWDIV	Bong Kown, BNI	Allen Winans, Cal-EPA/DTSC	
	Jim Moe, BNI		
	John Kluesener, BNI		

Duane Rollefson indicated that the purpose of this meeting was to discuss preliminary results of the additional investigations conducted at AOPC 5, Building 46, at NAVSTA.

A. Gessesse made a presentation of the recent data collected at AOPC 5. He indicated that some changes needed to be made to the preliminary data packages that were provided to the agencies. These changes were a result of typing mistakes or illegible hand-written reports provided by the mobile laboratory. M. Tasnif-Abbasi indicated the corrections that needed to be made to the surface and subsurface soil maps. Soil boring locations and/or concentrations missing on the maps were also pointed out. The locations of certain soil borings on the maps were revised based on the survey data.

A. Gessesse indicated that shallow soil contamination was defined in all directions, using a PCE soil criterion of 25,000 ppb. The groundwater contamination will be assessed using groundwater modeling based on the Ocean Plan criteria.

H. Marley pointed out that the concentration contours drawn on the maps will change based on the changes that were just presented. A. Gessesse and M. Tasnif-Abbasi concurred and indicated that the changes would be minor.

F. Aljabi thought that providing revised maps would be helpful. A. Gessesse indicated that the maps would be revised accordingly. It was agreed that the maps would be revised and incorporated in the report.

M. Hausladen asked whether any TCE was found. M. Tasnif-Abbasi indicated that TCE was found in few subsurface soil samples but that no significant hits were found.

A. Gessesse indicated that the contamination was defined in soil. Groundwater samples were collected to the northern fence line but the contamination was not defined in the northern direction. Most of the PCE was found in the shallow groundwater zone. Low levels of PCE and its degradation compounds were found in the lower groundwater zone (35 to 40 feet).

M. Hausladen asked as to where the groundwater samples were collected from the deeper zone. A. Gessesse replied that the groundwater samples were collected from the bottom of the lower groundwater zone, near the top of the fine-grained unit.

A. Gessesse then described the cross-sections prepared based on the CPT results and the soil boring logs. CPT was conducted at eight locations surrounding the building. Three groundwater monitoring wells were installed in continuously sampled soil borings in an attempt to identify fine-grained units. A shallow silt zone was found which is dipping towards the south. A deeper silt zone was found which was dipping towards the north-northeast. The lower silt zone is not seen in cross-section D-D' but is seen in cross-section E-E'.

M. Hausladen asked if any presence of clays was detected. A. Gessesse indicated that thin clay layers were found but were not laterally extensive and continuous. H. Marley interjected that additional DNAPL at unknown locations may be present.

A. Gessesse indicated that the groundwater contours indicate an easterly gradient. Although the general groundwater flow direction is northeasterly, the easterly direction is in agreement with the local groundwater gradient encountered at IR Site 8. When asked about the proximity of pumping wells in the area, A. Gessesse pointed out the locations of the SCE and Union Pacific wells on the map and indicated that these wells would not directly affect the groundwater flow conditions at AOPC 5.

A. Gessesse indicated that the angled well, which extends towards the center of the PCE plume beneath Building 46, still needs to be developed and purged. Approximately two feet of water is present in this well.

Soil gas concentrations, calculated based on soil concentrations, closely predicted the soil gas field measurements.

D. Rollefson indicated that the DON is considering declaring AOPC 5 as IR Site 14. The IR site boundaries would be defined as Coffman Avenue to the south, Building 45 to the west, the fence along Ocean Boulevard to the north, and an SCE power distribution building to the east. M. Hausladen suggested that the northern boundary be indicated with a dotted line.

It was agreed that further investigation would be needed for the groundwater, with limited additional soil sampling. Recommendations for the additional work may be included in the draft report which was agreed to be called a Site Inspection (SI) Report. The additional sampling would then be considered an Extended Site Inspection (ESI).

D. Rollefson indicated that time-critical removal for soil would be considered to expedite the progress of work.

M. Hausladen asked if the additional work would impact POLB's schedule. D Rollefson replied that POLB was informed of the PCE problem but that details were not given yet. A. Lee interjected that the groundwater problem may require additional time for definition and remediation, but that it would not impact POLB significantly. F. Aljabi added that the DON would be conducting the contaminated soil removal and that part of Building 46 may need to be demolished. D. Rollefson added that the POLB activities in the area may be delayed due to the historical nature of some of the buildings.

A. Lee asked the agencies for ways to expedite the process of the ESI. Would it be possible to conduct the ESI, follow it with an action memo for removal, and then a no further action ROD? A. Gutierrez suggested that an EE/CA may be possible for this site, similar to the removal action at Site 3 AOC 4, and that he would check with his management. He indicated that groundwater monitoring at AOPC 5 may be tied into the groundwater monitoring OU. M. Hausladen indicated that an EE/CA may be possible with the approval of the EPA.

A. Lee pointed out that industrial PRGs are being used for the groundwater and that guidance from the RWQCB would be appreciated. H. Marley replied that cleanup numbers for VOCs are in RWQCB's guidance documents.

A. Gutierrez suggested to include recommendations in the SI report. A. Gessesse suggested that a workshop for the groundwater work plan would be beneficial. K. Kapur indicated that the Draft SI Report could be issued along with a streamlined Work Plan for the groundwater.

D. Rollefson suggested that the RAB be briefed on the status of AOPC 5 and that additional investigation is pending.

A. Lee requested that the agency representatives ask their management on IRP methods to handle AOPC 5. A. Gutierrez pointed out that the SI should follow the SI guidance (CERCLA). D. Rollefson asked as to what kind of documentation should be provided to the EPA if AOPC 5 were to be declared an IR site.

D. Rollefson closed the meeting by indicating that the maps discussed in this meeting would be revised and included in the Draft SI Report.



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