

**CLEAN II**  
**Interoffice Memorandum**

To: David Cowser

Subject: Meeting Minutes for the Soil Gas Survey  
Results, Sites 24 and  
25, and General Issues Discussion  
El Toro MCAS, CTO-059

Date: 13 July 1994

From: Tim Latas

Of: Kleinfelder

Copies to:

- John Kluesener
- Dante Teldaldi
- Pat Brooks
- Pat Weigands
- Katrina Lyons

**MEETING DATE:** 7 July 1994  
**MEETING TIME:** 0930-1445  
**ATTENDEES:** John Broderick - RWQCB  
 John Hamill - EPA  
 Sherrill Beard - Cal EPA  
 Andy Piszkin - SWDIV  
 Dante Tedaldi - Bechtel  
 Tim Latas - Kleinfelder  
 Pat Brooks - Kleinfelder  
 John Lovenburg - CH2MHill  
 John Dolegowski - CH2MHill

AGENDA: See Attached Meeting Schedule

Meeting Minutes Item:

1. Presentation of 1st and 2nd Round Results - John Lovenburg gave a summary on the procedures and results of the Round 1 and 2 Soil Gas Survey. As of the date of the meeting approximately 885 soil gas samples had been collected and 100 soil samples had been collected. The survey was completed on July 1, 1994. The draft report on the soil gas survey is expected the week of September 5. TCE and other chlorinated solvents as discussed in the previous were found at several location, especially at Buildings 296 and 297. The results of Round 2 soil gas samples from 15 and 30 feet below ground surface (bgs) indicated that previous hotspots were also affected at the 30 foot depth. Additional sampling as requested by the regulatory agencies indicated the lateral extent of "hotspots", however, the vertical extent of soil gas contamination and the contribution of surface hotspots to groundwater contamination were not resolved. Sampling along Aqua Chinon Wash only reached a depth of 15 feet bgs before refusal due to cobbles and sampling along Bee Canyon Wash reached the proposed maximum depth of 30 feet.
2. Discussion of Results and Freon Discovery - Currently, CH2MHill was assessing the coeluting of 1,1-DCE and Freon 113. Based on CH2MHill's preliminary assessment, the majority of previously reported 1,1-DCE was actually Freon 113. CH2MHill will conduct a quantitative evaluation of soil gas samples collected after

recognition of the coelution problem, but can only achieve a qualitative assessment of samples analyzed prior to this recognition (J-flagged in the database). The regulatory agencies requested that CLEAN II designate Freon 113 as a target analyte (COPC). According to base interviews, the Freon 113 was used as a coolant (contrary to most applications as a degreaser) for an oxygen tank filling station.

3. Schedule of Follow On Activities and Submittals - CH2MHill will identify locations of the Freon 113 samples and use of the Freon 113 in their soil gas report. Also, CH2MHill will discuss analytical methods and coelution in the soil gas report.

4. Action Items - John Hamill stresses the need to follow through on previous action items from meetings, the need for involvement of agencies at pre-proposal conferences (PPCs), and improve lines of communication. In addition, the BCT, SWDIV, El Toro, and Bechtel need to discuss the scope of the proposed RFI. The general consensus of the agencies was that a RFI may not be necessary but options were not apparent.

5. Status of Bret Raines - Currently, Bret has several personal problems and will probably seek another position with SWDIV.

6. Role of BEC - Currently the BEC is Bret Raines but he has not been available. The BEC has to run the meetings, provide BCP updates, strategies, and chair the BCT. The BCP requires an update in late 1994.

7. Role of Dante - Dante is to report to the BEC and is a consultant to the BCT. He will provide a "reality check", research projects for the BCT (not Bechtel CLEAN II El Toro), and will be included on the distribution list for all documents and will provide his review comments to the EPA. He may also provide QA/QC with Bechtel CLEAN II during execution of work.

8. Letter of Concern 5/27/94 - The Cal EPA and RWQCB issued this letter stating their concerns about the Navy's funding of the RI/FS. Since this letter was issued, the Navy has commented the funding to the RI/FS.

9. Interim DTSC BCT Letter 6/24/94 - This letter indicates that Al Arreano as the Cal EPA (DTSC) representative in place of Joe Zarnoch.

10. Results of Employee Interviews - These interviews reportedly indicate that solvent disposal was conducted in the most convenient manner (ditches, storm drains, etc.). The interviews also indicated that sodium dichromate was widely used in central and satellite boiler plants for scale and corrosion protection. Solutions containing the sodium dichromate were also disposed in the most convenient manner (ditches, storm drains, etc.). This potential hex chrome source needs to be addressed in the CLEAN II Phase II Work Plan.

11. Communications and Flow of Information - John Hamill requested that the Navy improve the lines of communication especially notices and agendas of meetings and telephone conference calls. All parties stated their capabilities for computer networking through INTERNET though no resolution was finalized for the use of INTERNET.

12. RAB Status - The RAB has not been fully initiated because the charter is not in place.

13. Navy Procurement Projects, Progress and Funding - John Hamill requested that the agencies be involved at all PPCs and that the agencies, Navy, and CLEAN I/II risk assessors be available for a conference on with the EPA on the Ecological Habitat Risk Assessment near the end of July.

14. CLEAN II Progress on Phase II Work Plans - Tim Latas gave a summary of CLEAN II progress. CLEAN II has reviewed the available documents and is currently formulating Sampling and Analyses Plans for PPCs on the CTOs to be issued for OU-3, Landfills, and VOC Source area RI/FS due to Navy funding requirements. Currently, the due date for the Phase II Work Plans is late September. John Hamill expressed the concern that this puts the FFA schedule one month behind schedule. John Dolegowski requested that CLEAN II

present their data needs and set additional transition near the end of July. Tim Latas stated that Dave Cowser would call John Dolegowski to arrange the transition meetings.

15. Continue Topic Presentations - No further discussion
  
16. Schedule Upcoming Submittals for Review - The following schedule was discussed:

a. Desalter project report	Comments due	July 22
b. OU-1 RI	Comments due	Sept. 6
c. OU-1 FS	Report due	mid-August
d. Groundwater Monitoring Plan	Plan due	mid-July
e. Soil Gas Report (Sites 24/25)	Report due	Sept. 6
f. Phase II Work Plan	Plans due	end-Sept.
  
17. Next Meetings - The following schedule was discussed:

a. RFI meeting if needed to modify scope, otherwise it will be modified later	
b. PPC Site 24/25	July 19
c. BCT Seminar WESTDIV	July 20 and 21
d. Risk Assessment Meeting/RPMs/Topic	July 26, 27, and 28
e. CH2MHill Transition meetings	July 25 and 26
f. PPC Landfills (OU-2)	Aug. 10
g. PPC OU-3	Aug. 17

**FAX MEMORANDUM (2 pages)**

**Department of the Navy  
Southwest Division  
Naval Facilities Engineering Command**

**06 JUL 94**

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**To:**

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Cal/EPA Department of  
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**John Broderick/Gary Stewart  
Santa Ana Regional Water  
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Bechtel (QA/QC-CLEAN II)  
San Diego, CA  
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**RE: EL TORO SOIL GAS & GENERAL DISCUSSION MEETING ON 7/7/94**

Attached is a rough agenda for tomorrow's meeting to be located at CH2M Hill's office in Irvine.

The planned soil gas survey only meeting tomorrow has been expanded to include general discussion issues concerning the team. I will be the only Navy representative attending this meetings since many SWDIV and El Toro persons are either on vacation this week or on fire watch. I talked to Mr. Al Arellano this morning. we discussed a number of issues he wanted to address at our meeting. He will not be able to attend the meeting tomorrow. No doubt the complete team needs a full and focused meeting since many issues are critical to El Toro right now. The Navy team of Jason Ashman, Lynn Hornecker, Larry Nuzum, and myself have been focussing heavily on procurement of new work addressed in the BRAC Cleanup Plan and on OCWD/OU-1 issues. I can assure you, efforts have not been wasted.

**Direct any questions to me at the above phone/fax number.**

**MEETING**  
**MCAS EL TORO - BRAC ENVIRONMENTAL**  
**SOIL GAS SURVEY & GENERAL ISSUES DISCUSSION**

7 JULY 1994  
10:00 A.M. - 3:30 P.M.

**Location:**

CH2M HILL  
2510 Red Hill Ave., Suite A  
Santa Ana CA 92705  
714/250-0555 (John Dolegowski)

**1000 - 1200 Soil Gas Survey.**

- Presentation of 1st and 2nd round results
- Discussion of results and Freon discovery
- Schedule of follow on activities and submittals

**Lunch.**

**1300 - 1500 Discussion of General Team issues & Action Items**

- Action items
- Status of Bret Raines
- Role of BEC
- Role of Dante
- Letter of Concern 5/27/94
- Interim DTSC BCT letter 6/24/94
- Results of employee interviews
- Communications & flow of information
- RAB status
- Navy procurement projects, progress & funding
- CLEAN II progress on Phase II work plans
- Continue topic presentations (ecological, risk, etc.)
- Schedule of upcoming submittals for review
- Next meeting(s)

**1500 - 1530 Meeting Assessment & Reality Check.**

- Summarize key points & goals accomplished
- Action Items (what, who, when)
- Assessment