

MINUTES OF NAS MOFFETT MEETING  
HORIZONTAL CONDUITS  
4-4-88

MEETING LOCATION: EPA, San Francisco

ATTENDEES: Lewis Mitani, EPA  
Mark Jonas, Camp Dresser & McKee  
Glenn Kistner, EPA  
Tom Berkins, RWQCB  
Alison Ling, Navy  
Russ Mount, IT  
Ric Sorbo, IT  
Ens. J. V. Heckmann, NAS Moffett Field  
Michael L. Cain, NAS Moffett Field  
Richard Seraydarian, WESTDIV  
Chloe Jue, WESTDIV  
Kathy Nakazawa, WESTDIV

MEETING OBJECTIVES:

1. To establish if the underground sewer (storm and sanitary) systems are contributing to and/or accelerating spread of contamination from both Navy and MEW sources.
2. If possible, to specifically establish if and how the MEW plume has entered sewer systems, and to determine if this has allowed specific areas of acceleration ("fingers") of the MEW plume.

MAJOR CONCERNS:

1. Ground water contamination may be exacerbated through contaminant infiltration and exfiltration of the sewer systems. It was noted that the majority of the sewer systems is below the water table.
2. The MEW plume may be spreading faster than anticipated (or has the potential to do so) because of the presence of the sewer systems.
3. The SF Bay and/or Sunnyvale treatment plant may be recipients of undesirable contaminants as a result of infiltration into the sewer systems and rapid transit to the systems' terminal points.
4. Backfill used during sewer installation (sand, gravel, etc.) may provide another means for accelerated contaminant migration.

MAJOR DISCUSSIONS:

1. A sampling program for selected locations and selected frequencies needs to be developed.
2. Complete updating of the storm and sanitary systems drawings is required. In addition, min-max ground water elevations should be indicated.

3. A major objective of the investigation should be to "fingerprint" sewer contaminants (if found) to establish if they are from Navy vs. MEW sources.
4. The Navy apparently wishes to assume the responsibility for directing the sewer investigation. They will discuss cost liabilities with the MEW companies.
5. The RWQCB is most interested in the sewer systems on the west side of the runway (vicinity of MEW plume). The Navy is also interested in the sewer system on the east side of the runway.
6. The RWQCB stated that samples from wells 65A (62A?) and 82A (85A?) best represented MEW plume make-up (for purposes of "fingerprinting").
7. The EPA requested that the Navy sewer evaluation be completed prior to the MEW area ROD (Record of Decision), which is apparently scheduled for January, 1989.

ACTION ITEMS:

1. The Navy will meet with the MEW companies to begin discussions on who will pay for the effort.
2. The Navy will confirm they will assume direction of the sewer program. They will notify MMES/IT accordingly.

# Memorandum

To: Keith Bradley

Date: April 12, 1988

From: Ric Sorbo *RS 4-12-88*

IT Project 409616

Subject: **MEETING ON 4-4-88, HORIZONTAL CONDUITS**

Attached please find my summary of the subject meeting. Please note that this is not intended to be a formal distribution (I'm assuming the Navy will publish their own minutes since we were just "observants").

RS:jc  
MEM:3507

cc: Paula Pritz, MMES  
Chloe Jue, WESTDIV  
Russ Mount, IT