

PROGRESS REVIEW MEETING
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NAVAL AIR STATION ALAMEDA

23 OCTOBER 1990

Personnel Attended Affiliation

Jeff Johnson	PRC Environmental
Steve Newton	J. M. Montgomery
Alan Nakamura	WESTDIV
Ernie Galang	WESTDIV
Bella Dizon	WESTDIV
Mark Malinowski	Department of Health Services
James Babcock	Canonie
Amelia DuQue	NAS Alameda
Rico Duazo	Regional Water Quality Control Board
Tim Bodkin	Canonie
Victor Weiss	Canonie
Randy Cate	NAS Alameda

Minutes

Jim Babcock explained that all field work for Phase 2A has been completed, except for well elevations which are currently being surveyed. Results from the soil gas survey are in, but the data has not been analyzed. Analytical data from CH2M Hill are still being delivered to Canonie. The geotechnical data should be delivered in about a week. Canonie hopes to receive everything in about 2-3 weeks.

Steve Newton explained that a kickoff meeting for CTO 0085 (SWAT) is in the process of being set up for tomorrow. Coordination with the air control personnel and utility personnel will be established. Randy Cate said he will contact utility personnel and set up a meeting for tomorrow. Steve Newton said that field work for CTO 0085 should start during the second week in November. Randy Cate also said that the San Francisco Bay Conservation and Development Commission (BCDC) wants a Federal Consistency Determination. Drilling is subject to the Coastal Zone Management Act. A letter and application from the BCDC was given to personnel at the meeting.

Jim Babcock said that lab methods described in SW-846 were used for Phase 2A. Two percent of the samples from Phases 1 and 2A have data validation packages. For Phases 5 and 6, a CLP Protocol lab, state certified, will be used. Full CLP packages will not be generated. Steve Newton mentioned that JMM proposes validation on 20% of the samples for Phases 5 and 6. Mark Malinowski said that HML guidelines need to be followed concerning full data validation packages, and will obtain these guidelines.

Bella Dizon mentioned that NAS Alameda may be put on the NPL list. Hunters Point is on the NPL list and CLP Laboratories are being used for that project. Mark Malinowski said he will find out if full CLP reports need to be generated.

Jim Babcock said that during lab analyses, interference with the analyses occurred. Selected

samples were analyzed for hydrocarbons. Hydrocarbons were identified and may possibly be diesel or oil.

Randy Cate discussed the last Citizens Advisory Committee meeting, and proposed to schedule the next meeting for January 1991. The attendance at the last meeting was low.

Randy Cate mentioned that during the Loma Prieta Earthquake (October 1989) several storm lines near RI/FS sites collapsed (Cans Area, Building 530), and inquired about sampling in these areas before repairs were made. Waste Oil contamination was found near one line. Mark Malinowski said subsurface soil samples should be collected and analyze for volatiles, metals, and pH. Soil samples should be collected in brass sleeves, and from a depth of about 18 inches. Randy Cate said that a letter addressing these issues will be sent to Mark Malinowski. Mark said that the Navy should make a proposal addressing the issues, and that field personnel collecting the samples must have 40 hours of OSHA training.

Questions concerning ARAR's and water quality came up. Potential ARAR's were passed out by Canonie for review. Mark Malinowski said that the Water Board sent a letter to the Navy a couple of years ago. The letter said that groundwater below NAS Alameda needs to be classified as usable for potable water.

Randy Cate said that a revised closure plan for the treatment plant at Building 360 was submitted. Operations in Building 360 will be moved to a new building in March 1991. After the move, surface soil sampling can be conducted.

For Building 5, Randy Cate wants a letter from DHS before sampling is initiated. Mark Malinowski said he wants the Navy to take a proactive stance and sample without the letter. The DHS wants a pH analysis on a sample collected below the drain line.

Mark Malinowski requested a list from the Navy which identifies all underground storage tanks at NAS Alameda. He also wants to be on the mailing list to receive all reports generated on underground storage tank work, and wants a list of all reports generated to date.

Mark Malinowski encourages PRC to remove casing and filter pack during well decommissioning at the 1943-1956 Disposal Area and the West Beach Landfill, and said that he would contact Fred Stanley at PRC to discuss health and safety issues. Bella Dizon told PRC to hold off on the well decommissioning work plan.

Tim Bodkin said that flowing sands were encountered between depths of 15 and 20 feet below the land surface. Drilling with a hollow-stem auger with continuous sampling is difficult. Drilling with mud-rotary is recommended. The Merritt Sand is very uniform and is described as SP on the Unified Soil Classification System. The fill material in the landfill is also described as SP. There is some flowing sand in the Merritt Sand. The DHS does not want water injected in hollow-stem augers to control flowing sands.

Tim Bodkin recommends using 0.010 slotted screen and #2 sand as filter pack for monitoring well construction. Mark Malinowski wants a uniformity coefficient determined in order to design filter packs for monitoring wells. This information is available from the first wells drilled during Phase 5. Canonie grouted monitoring wells with Portland II Cement. No problems with chlorides in the ground water were observed. Canonie also said that volclay-grout would probably be better.

Several labs were used for analyses. Results from one laboratory (CH2M Hill) have not been received. All data are currently being entered on a computer data base. Boring logs, in addition to laboratory analyses, are also being entered on a computer data base. Results of some geotechnical analyses will not be entered on the computer data base.

Canonie's field activities are currently being wrapped up. Monitoring wells and boring locations are being surveyed. The disposal of drums containing drill cuttings and purge water is being worked on.

Questions and Answers

Chip Demarest mentioned that Title 22 list alpha and beta maximum contaminant levels (MCL) for water, but not for soil, and asked Jim Babcock if there are any MCL's for soil. Chip Demarest also suggested that physical descriptions of the samples analyzed, and the detection limit of the analysis, be included with the analytical reports.

Questions concerning air quality came up (because of one anomalously high gross beta analysis). Brian Jennison from the BAAQMD said he wasn't concerned about radium at the site because of the openness of the area and the short half-life of radium. Also, Brian Jennison said that the Air SWAT has been performed at the two landfills. The Navy is in the process of completing the Air Swat Report.

Questions came up regarding the timing of field activities for the SWAT. Bella Dizon said that the SWAT may not be conducted this fiscal year because of lack of funding, and that field activities may have to wait until the project was completely funded. The fiscal year ends in September. Comments were made that first quarter funding is often difficult to obtain. Mark Malinowski asked if an elemental approach to phases 5 and 6 could be taken so that the project could continue and not come to a stop because of lack of funding. Bella Dizon said she would check into this.

Next meeting will be held in 2-3 months

Meeting adjourned at 10:45 AM



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