

N00221_002536
MARE ISLAND
SSIC NO. 5090.3.A

PRC Environmental Management, Inc.
120 Howard Street
Suite 700
San Francisco, CA 94105
415-543-4880
Fax 415-543-5480



Date : March 3, 1993
To : Rocky Wong
From : Wayne Hauck
Re : February 2, 1993 Agency Meeting Minutes

This memorandum summarizes the items discussed in the monthly regulatory agency meeting for Mare Island Naval Shipyard (NSY) relating to Installation Restoration Program (IRP) activities being conducted at the site. The meeting was held at the Department of Toxic Substances Control (DTSC). The following people attended:

Paul Cloud	Mare Island NSY	(707) 646-3761
Marvin Hillstrom	Mare Island NSY	(707) 641-1320
Laura Kemp	Mare Island NSY	(707) 641-1328
Augustin Rodriguez	Mare Island NSY	(707) 641-1327
Hubert Chan	WESTDIV	(415) 244-2562
Kevin Spinks	WESTDIV	(415) 244-2577
Rocky Wong	WESTDIV	(415) 244-2542
Jan Baxter	RWQCB	(510) 286-1287
Lynn Nakashima	DTSC	(510) 540-3818
Wayne Hauck	PRC	(415) 543-4880
Suzy Slavin	PRC	(415) 543-4880
Jeff Werter	PRC	(415) 543-4880

1. Community Relations Update

Mare Island NSY provided Stacey Lupton (PRC) a list of residents to be interviewed to gather information for the final Phase II Remedial Investigation (RI) Community Relations Plan. In addition, Ms. Lupton should have received the list of attendees from the December 7, 1992, Public Meeting who volunteered to be interviewed.

Lynn Nakashima (DTSC) reminded PRC to send Shirley Buford (DTSC) a list of the questions for the community interviews once they are developed.

A representative from the public, James McDowell, has been identified to sit on the technical review committee (TRC). Mr. McDowell is studying Environmental Management courses at the University of California, Berkeley.

2. Underground Storage Tanks

Kevin Spinks (WESTDIV) discussed the status of the underground storage tank (UST) removal activities at Mare Island NSY. To date, 11 USTs have been removed. It is expected that two more USTs will be removed in February, 1993. Four active USTs were recently located. The tanks are used for residential heating purposes but will be replaced by natural gas energy.

Per a Jan Baxter (RWQCB) question, Mr. Spinks stated that the tank removals are observed by county officials.

Paul Cloud (Mare Island NSY) asked how much soil is contaminated when the tanks are removed. Augustin Rodriguez (Mare Island NSY) will look into the question.

Mr. Spinks discussed funding limitations on the UST program due to budgetary cuts. He noted that soil disposal costs are draining the program's funding. Ms. Baxter asked if landfarms to remediate the soil for disposal in a Class III landfill was possible. Mr. Spinks stated that a landfarm to remediate the soil was investigated but there were too many concerns about air quality regulations and storm water runoff.

Ms. Baxter asked if the soil is stockpiled before it is disposed of. Mr. Spinks stated that all soils have been and will be removed under the 90-day limit if they are being stockpiled. Ms. Baxter noted that gas stations stockpile soil until it can be disposed of in a Class III landfill. This option has not been pursued at Mare Island because greensand has been found in some of the soils. Mr. Spinks will provide a list of tanks where greensand was found.

Mr. Spinks stated that if the tanks are leaking, the investigations will be incorporated into the IRP.

Ms. Baxter will check to see if there are any outstanding comments from the Tank Testing Spill Cleanup Work Plan dated December 6, 1991.

Work was completed and reports will be distributed this week for Tank 999. Low levels of contamination were detected. No further action is recommended at this time.

Mr. Spinks informed the group that there will be a technical memorandum summarizing the results from each tank site. Two technical memorandums have already been submitted; the rest will be submitted after the regulatory agencies comment on the first two memorandums.

3. Digester Tanks

Mr. Bosche was unable to attend the meeting. He will instead provide a written summary of agenda items number 3 Digester Tanks, 4 Test Results of Decontamination Pads, and 5 Landfill Interim Actions at Mare Island NSY to the regulators later this week.

4. Test Results of Decontamination Pads

See agenda item number 3.

5. Landfill Interim Actions

See agenda item number 3.

6. Maps of Wells Not Producing Water

Jeff Werter (PRC) sent Ms. Baxter a list of wells not yielding water. Mr. Werter showed the group a map of wells with floating product and wells that have problems yielding enough water to sample.

Mr. Werter will send DTSC and RWQCB the map showing "problem wells" and wells with floating product.

7. Filter Pack For Wells

Ms. Baxter stated that 1 foot of filter pack below the screen for wells is preferable to 2 feet below the screen.

8. Operable Units (OU)

Ms. Nakashima expressed reservation about defining operable units until there is more knowledge of contamination along the Industrial Waste Treatment Plant (IWTP) line. She recommends prioritizing IR sites and only tentatively classifying them under OUs; currently we have limited knowledge about site boundaries and they might change.

9. Basewide Environmental Sampling Plan

Ms. Baxter asked what the time frame is for sediment sampling at Mare Island. Ms. Nakashima suggested that PRC look at Treasure Island and Alameda as models for environmental sampling plans. PRC will discuss environmental sampling further with WESTDIV.

10. IR15 - Building 225, The Electroplating Shop

It was stated by Marvin Hillstrom that Building 225 will never be used as a plating shop. There was concern that chrome was getting into the cooling loop and into the IWTP line. Ms. Nakashima noted that you do not have to go through any closures unless it was a permitted site.

11. Building 900 Work Plan

The minutes from the IR04 scoping meeting were distributed. A scoping letter outlining the approach to the work is still coming. The scope of work will be generated from the meeting minutes. Rocky Wong (WESTDIV) asked the agencies to review the meeting minutes because the scope of work will be revised from the minutes. The outline for the revised scope of work will be distributed in the next two weeks.

12. Requirements for Engineering Evaluation / Cost Analysis (EE/CA)

Wayne Hauck (PRC) distributed community relations requirements for removal actions. Ms. Baxter stated that Building 225 will not require an EE/CA because it is an interim action. The work plan needs to be retitled from removal action to interim removal action. The fact sheet should include

information regarding the transportation of waste from Mare Island NSY. It was noted that at the December Public Meeting a citizen was concerned about the route of transportation of the waste and the type of waste coming from Mare Island NSY.

13. Status of Submittals / Reports

A list of deliverable dates for all Mare Island submittals was distributed. It was noted that the dates are estimated.

The operable unit technical memorandum will not be submitted due to the decision agreed to not finalize the operable units.

14. Technical Working Meetings (IDW, Basewide Survey, IR Sites)

A meeting to discuss IR sites 04, 08, 14, and 15 will be held February 24, 1993, at DTSC. PRC will submit general responses to comments for the IDW Management Plan and the Basewide Monitoring Well Survey Report. Technical meetings will be set up, if necessary, after the responses are submitted. It was stated that at IR14 field screening samples will be collected by vacuum excavation, not the geoprobe, in case it is unclear in the Phase II RI Field Sampling and Analysis Plan (FSP).

15. Other

PRC provided a status of the Phase II RI activities at Mare Island NSY. Currently PRC is inspecting sites and mapping; the next step will be to do grid surveys, a utility check, and install fences around IR16 and IR17. No intrusive field activities are scheduled until March 1, 1993.

Ms. Baxter asked if the field laboratory is state certified. She stated that the state certification will make the data more useable. PRC responded that the data will be used as a field screening tool and not for risk assessment purposes. PRC will look into the requirements to certify the field laboratory. If it is not feasible, PRC will provide the reasons to RWQCB.

PRC suggested that the December 1992 basewide sampling data from monitoring wells be studied before sampling all of the wells again in March 1993. The regulators responded that the March 1993 quarter was a critical ground-water sampling event due to the additional rainfall that has occurred since December. Ms. Baxter recommended delaying the June 1993 quarter to take the time to analyze the data. It was agreed that all of the wells in the Facility Landfill will be sampled in March 1993, and Jeff Werten (PRC) will provide the regulatory agencies a summary of detection levels at the additional wells that were sampled in December 1992.

It was stated that the manual compilation of the January 1992 ground-water data into tables is causing the September 1992 Ground-Water Monitoring Report to be delayed. Ms. Baxter agreed that the March 1992, June 1992, and September 1992 data can be submitted and that the January 1992 data will be submitted at a later date. She requested that the report state that the January 1992 data will be provided in an addendum at a later date.

Ms. Baxter asked if there are any fire training centers at Mare Island or if there were any fire training activities in the past at Mare Island NSY. Marvin Hillstrom (Mare Island NSY) will check into this question.

Per a regulatory agency request, Mr. Hauck will check if brass sleeves are used with the geoprobe. Ms. Baxter asked if the soil geoprobe detection limits could be lowered. PRC is not proposing to use the geoprobe for any purpose except as a field screening tool.

Ms. Baxter requested that a percentage of samples be done open scan because samples were detected with unknowns.

PRC will give Ms. Baxter a schedule when dredge spoil borings and monitoring wells will be installed. Ms. Nakashima suggested that every Friday a schedule for the next week of field activities be sent to the RWQCB and DTSC.

The next regulatory meeting was originally scheduled for March 10, 1993, at the RWQCB. It has since been changed to March 17, 1993, 9:30 a.m. at DTSC. A meeting to resolve field work related comments on the Phase II RI FSP will be held March 10, 1993, 9:30 a.m. at DTSC.