

5090
Ser 1811RP/L2086

18 DEC 1991

From: Commander, Western Division, Naval Facilities Engineering Command
To: Distribution

Subj: TECHNICAL REVIEW COMMITTEE (TRC) MEETING

Encl: (1) Summary of 4 Dec 91 Subject Meeting

1. In accordance with the Remedial Action Order (Docket No. HSA87/88-134RA) for Naval Station, Treasure Island, Hunters Point Annex, enclosure (1) is forwarded for your review and comment.
2. Should you have any questions regarding this matter, the point of contact is Commander, Western Division, Naval Facilities Engineering Command (Attn: Louise T. Lew, Code 1811, (415) 244-2552

Original signed by:

MICHAEL A. MIGUEL
By direction

Distribution:

Department of Toxic Substances Control (Attn: Bonnie Arthur)
U.S. Environmental Protection Agency (Attn: Roberta Blank)
Regional Water Quality Control Board (Attn: Steve Ritchie)

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Hunters Point Technical Review Committee Public Member (Attn: Rev. Arelious Walker)
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Blind copy to: (w/o encl) 09B, 09CPB, 09A2A, 24, 1811RC
PWC SF Bay (Code 420)

(w/encl) 1811, 1811RP, (Admin. Record 4 copies)
COMNAVFACENGCOM (181), HLA (Attn: Ashok Verma)
OIC Treasure Island, HPA COMNAVSEASYSCOM (Attn: Robert Milner)
COMNAVBASE S.F. CNO (OP-45)
NAVSTA Treasure Island WRITER; Richard Powell, Code 1811RP, X2555
PRC (Attn: Gary Welshans) TYPIST: M. Marshall, 18 Dec 91, TRC ltr/L2086
FILE: HP/TRC

Attendees: See attached

Agenda: See attached

General Announcements:

Bonnie Arthur will be replacing Bill Brown as the DTSC Remedial Project Manager.

- I. **Approval of Minutes of Last Meeting:**
The minutes of the last TRC meeting were approved by all parties present.
- II. **Federal Facility Agreement/Technical Assistance Grant:**
The Federal Facility Agreement is awaiting signature by the Navy. A TAG application from the Bayview Homeowners' Association is undergoing final review by EPA.
- III. **Fencing**
Fencing of the HPA southwest waterfront is expected to be complete by the end of December. Access to restricted areas by regulatory agency personnel and Navy concerns regarding health and safety of visiting regulatory agency personnel were discussed. DTSC agreed to review their health and safety program in light of Navy concerns. Regarding site access, Jim Sullivan of the Navy will review HPA procedures and will prepare a memo that will address the issue of access to fenced areas.
- IV. **Removal Action Status Report**
 1. **Pickling and Plate Yard** - No change in planned execution since last meeting.
 2. **Tank S-505** - The construction contract was awarded; a protest of the award was received and resolved. A kickoff meeting with the selected contractor is scheduled for December 9. Work plans and health and safety plan prepared by the contractor will be submitted to the agencies for their information.
 3. **Tank Farm** - The removal action for the tank farm was put out to bid this week.
 4. **Sandblast Grit Fixation** - Test strips of grit-containing asphalt were placed, as the first phase of pilot test activities.
- V. **Field Issues**
 1. **Well Maintenance** - A deteriorated locking well cover on Well O-2 at IR-3 was replaced and secured.

Well IR02MW175A was run over by an unidentified, but apparently large vehicle; the well will be repaired this week.

Topping off borehole grout that has settled or shrunk after placement is ongoing. Activities are recorded in field daily reports.

ENCLOSURE (1)

2. Monitoring Well Screen Length - The rationale for screen lengths was presented at the November 13, 1991 meeting. A summary of the rationale was included as Attachment B to the November 13, 1991 meeting notes distributed at the TRC meeting. DTSC expressed concern regarding possible dilution of contaminant concentrations resulting from vertical stratification. It was agreed to discuss this issue further.
3. Protocol for Addressing Deviations from Work Plans - A form entitled "Notification of Field Variance" (NFV, attached) was distributed.

An instance of use of the form was described. It was agreed to implement the use of the form. In cases where agencies are not able to respond to an urgent request, it is expected that the Navy's consultants will exercise their best judgment in reaching a decision.

4. Health and Safety Issues - These issues were discussed with respect to fencing (Item III.)

VI. SI/RI Activities

1. Environmental Sampling and Analysis Plan - An addendum to the ESAP was submitted to the agencies on November 1, 1991. Comments on the addendum were received from RWQCB; comments are expected next week from EPA and DTSC. The Navy expressed concern regarding implementation of the ESAP without fully-approved plans. The agencies stated that they are in substantive agreement with the ESAP and do not intend for comments on the addendum to delay implementation of the plan.
2. Ecological Assessment Plan (ECA) - A draft work plan will be submitted in the first quarter of 1992.
3. Status of Sites PA-16 and PA-18 - Comments on the Draft SI Report were received. A meeting was held on November 13, 1991 to discuss agency comments. Notes of the meeting were distributed. A Draft Final SI report is in preparation and is expected to be available for agency review by the end of December. The Draft Final will include as Appendix F a point-by-point response to agency comments.
4. Status of Operable Unit II - Approval to reschedule Round 2 groundwater sampling to December 1991 was requested; the agencies agreed to the request.
5. Operable Units I, III, and IV - OU I Phase IIA data submittal was transmitted to the agencies on November 26. A meeting to discuss the submittal and recommendations for Phase IIB was scheduled for December 11 at 9:30 a.m. at DTSC offices in Emeryville. Field work began this week on 36 borings and 8 wells previously proposed and approved. Field work is expected to be completed in February 1992.

OU III Phase II field work was completed December 3, 1991. Approximately 6-7 weeks later than originally anticipated because of 41 drilling refusals on the east side of IR-5 in areas of suspected shoreline riprap. HLA will prepare an NFV for the refusals. Because of the refusals, the Navy intends to request an extension of the OU III schedule.

OU IV data validation and interpretation are in progress. The Summary of Findings Memorandum is scheduled for submittal to the agencies January 17, 1992. HLA presented preliminary analytical results of soil samples collected before and after the use of electrical tape was stopped. Sixty-eight percent of samples sealed with tape showed toluene, at concentrations up to 52 parts per billion (ppb). Five percent of the samples not sealed with tape showed toluene, at concentrations up to 7 ppb.

6. Status of Operable Unit V - Air rotary casing hammer drilling methods are being used because of previous drilling refusals, as discussed at the last TRC meeting. The extent of contamination is larger than expected at Sites IR-12, IR-14 and IR-15. A Phase IIB for Group 5 sites was proposed. The Navy agreed to prepare for agency review a scope of work for Phase IIB based on field observations.
 7. TIMP - The first quarter of monitoring is complete. Preliminary results indicate that tidal influence on groundwater elevations is not as extensive as anticipated, and that sanitary sewers may have a significant influence on groundwater elevations.
 8. Aquifer Testing - The work plan was submitted October 22, 1991. Comments have been received from the RWQCB; awaiting comments from DTSC and EPA. Phase I Aquifer Testing report will be submitted for agency review this week.
 9. RI Work Plan IR-20 and -22 - The work plan was submitted October 21, 1991. Comments have been received from the RWQCB; awaiting comments from DTSC and EPA.
 10. SI Work Plan - SI work plans are being prepared for the Other Areas. Preliminary drafts of Volumes I (utilities) and II (5 sites with data) are being reviewed by Navy and PRC. Drafts are expected to be available in late December 1991 or early January 1992. Volume III (25 sites) is expected to be available in January 1992.
 11. Radiation Survey - The gamma radiation survey of OU I, OU IV, portions of Group 5 and sandblast waste started this week and will continue for 4 to 8 weeks. The Navy is prepared to facilitate regulatory agency visits and oversight of field activities.
- VII. Onsite Soil Treatment Program**
A preliminary draft work plan is expected to be completed mid to late January 1992. A location for onsite treatment will need to be identified.
- VIII. Product Recovery Testing - IR-3**
Product is pumped from four wells every 2 weeks; 4-5 gallons are recovered per event. Maximum product thickness observed in a well is 4-5 feet. Two wells are proposed for installation in the pond area as part of OU I Phase IIB. If free product is encountered, the wells will be included in the pumping program.
- IX. OU II PHE**
Notes of the November 13, 1991 meeting were distributed. DTSC and EPA would like to see a working document identifying facility-wide exposure pathways currently expected to be considered for individual operable units. A construction worker scenario will be considered for OU II; the scenario is being defined. It was agreed to schedule a meeting to discuss OU-specific exposure pathways and the construction worker scenario.

EPA confirmed that any water with total dissolved solids $\leq 10,000$ parts per million will be considered potable for risk assessment purposes.

X. Air Sampling

1. Regular Air Sampling - A draft report for agency review is expected to be available by the end of December 1991.
2. High Volume Radiation Air Sampling - A draft report will be prepared when analytical data are received from laboratories.

XI. Underground Tanks

The first round of tank pulls and closures is complete. A report is in preparation and will include recommendations for modifications to Phase II removals based on experience gained in Phase I. Several field variances were discussed. Fewer soil samples than proposed were collected in cases where tanks were located adjacent to one another. For tanks closed in place, some borings were hand augured. DTSC collected duplicate samples at 4 of 5 sites where groundwater was encountered in the excavation.

It was agreed that temporary fencing around backfilled tank excavations may be removed, as long as locations are documented sufficiently well to allow relocation for future activities.

XII. Stormwater Sampling

Responses to agency comments on the draft report *Water Quality Investigation of Stormwater Drainage* were submitted in October 1991.

Additional stormwater sampling is proposed in the ESAP.

XIII. Next Meeting

The next TRC meeting is scheduled for 0930 hours on Wednesday, January 29, 1992, at the Naval Station, Treasure Island Conference Room, at the south end of Building 1.

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Technical Review Committee Meeting
December 4, 1991

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JIM POLISINI	DTSC/TRAS	(916) 255-2043 AFTER 12/9
Roberta Blank	EPA	(916) 323-4709 UNTIL 12/6
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AGENDA
Technical Review Committee Meeting

Hunters Point Annex
December 4, 1991
Treasure Island, California

Harding Lawson Associates

- I. Approval of Minutes of Last Meeting
- II. Federal Facility Agreement/Technical Assistance Grant
- III. Fencing
- IV. Removal Action Status Report
 - 1. Pickling and Plate Yard
 - 2. Tank S-505
 - 3. Tank Farm
 - 4. Sandblast Grit Fixation
- V. Field Issues
 - 1. Well Maintenance
 - 2. Monitoring Well Screen Length
 - 3. Protocol for Addressing Deviation from Work Plans
 - 4. Health and Safety Issues
- VI. SI/RI Activities
 - 1. Environmental Sampling and Analysis Plan
 - 2. Ecological Risk Assessment Plan (ECA)
 - 3. Status of Sites PA-16 and PA-18
 - 4. Status of Operable Unit II
 - 5. Status of Operable Units I, III and IV
 - 6. Status of Operable Unit V
 - 7. TIMP
 - 8. Aquifer Testing
 - 9. RI Work Plan - IR 20 and 22
 - 10. SI Work Plan for PA Other Areas/Utilities
 - 11. Radiation Survey
- VII. On Site Soil Treatment Program
- VIII. Product Recovery Testing - IR-3
- IX. OU II PHEE
- X. Air Sampling
- XI. Underground Tanks
- XII. Storm Water Sampling
- XIII. Next Meeting
- XIV. Summary of Notes

*Meeting will be held in Building 1, Commander Naval Base Conference Room, which is at the north end of Building 1.