

MINUTES

MONTHLY TRACKING MEETING Environmental Actions At Naval Air Station (NAS) Alameda

Date: February 18, 1997, Tuesday
Time: 9:15 a.m. - noon
Place: Building 1, NAS Alameda, Alameda, California

Opening: Administrative

Summary: The tracking meeting started at 9:15 a.m. Attachment A lists the meeting attendees, and Attachment B is a copy of the meeting agenda, distributed on February 7, 1997. Minutes for the December 17, 1996, meeting were distributed on February 5, 1997, but were not discussed. The tracking meeting scheduled for January 21, 1997, was canceled by team consensus on January 16, 1997, due to various time conflicts for individual team members and in consideration that the entire team had been meeting together the previous week for a three-day conference (January 14, 15, and 16, 1997).

Team personnel went around the table introducing themselves and stating any specific issues that they wished to discuss beyond those listed on the agenda. The team formally welcomed new members Lynn Suer from the San Francisco Bay Regional Water Quality Control Board office in Oakland (RWQCB), and Anna-Marie Cook from the U.S. Environmental Protection Agency, Region IX office in San Francisco (EPA). Ms. Suer will be replacing RWQCB's Gina Kathuria as representative for activities related to the Navy's Installation Restoration Program (IRP) and ecological risk issues, except for activities related to the RWQCB's involvement with the underground storage tank (UST) program, with which Ms. Kathuria will remain involved (including total petroleum hydrocarbon [TPH] cleanup/screening levels, and beneficial use designations for groundwater). Ms. Cook will be assisting Mr. James Ricks with all aspects of EPA's involvement at NAS Alameda, since Mr. Ricks will continue to also be EPA's representative for activities at the Alameda Annex facility.

Steve Edde and Roger Caswell, both of NAS Alameda, stated that after formal closure of NAS Alameda (closure ceremonies scheduled for April 25, 1997), the Navy will continue to have an on-base presence in the form of a "caretaker site office" or CSO, as well as in the presence of Mr. Edde as the Base Realignment and Closure (BRAC) Environmental Coordinator (BEC).

Item: Remedial Project Manager Reports

Summary: Navy remedial project managers distributed their monthly project status summary sheets (see Attachment C). Only those items discussed are summarized below. Any handwritten markups on the attached sheets are changes discussed during the meeting.

Federal Facility Site Remediation Agreement

There is no new information on the status of the federal facility site remediation agreement (FFSRA). The Navy and the State (basically at the legal counsel level) are still negotiating base agreements.

Navy Background Policy

The Department of Toxic Substances Control (DTSC) and Navy background data sets and supporting documentation were exchanged for review on February 10, 1997, in preparation for an upcoming meeting on February 26, 1997, at NAS Alameda. EPA indicated that its toxicologist would not be able to attend, but that EPA would come to the meeting with their toxicologist's comments. The Navy indicated that its regional background policy target completion date is April 1997.

Operable Unit Schedules

The Navy's latest version of the remedial investigation/feasibility study (RI/FS) schedules for the four operable units (OUs) at NAS Alameda were distributed. The Navy mentioned that the 60-day review period requested by the restoration advisory board (RAB) was included in the schedules. The Navy requested that the agencies review these schedules for any time conflicts and to set future priorities. It was requested that team comments be returned back to the Navy's Teresa Bernhard by March 24, 1997. A follow-up meeting on all program schedules and overlap issues was suggested for May 13, 1997.

Ecological Assessment

Ecological assessment field activities continue at the wetland ponds. A field visit is planned for interested team personnel for tomorrow, February 19, 1997, at 9 a.m., to observe ecological sampling activities near the runway area culverts. The Navy indicated that it had negotiated a new contract task order for additional follow-on ecological sampling activities, and that in about sixty days the non-tissue analyses from ongoing ecological work activities would be available for review. The Navy requested that the team begin thinking about a meeting to discuss ecological data results, new data needs and other collection activities if required. Given the sheer volume of ecological assessment sampling data that will be coming in for review across the next few months, the Navy suggested to the BRAC Cleanup Team (BCT) that a process action team (PAT), composed of interested RAB members, be established and activated during the months of April through September 1997, to discuss incoming ecological data.

BRAC Cleanup Plan (BCP)

The draft final BCP nears completion and comments from the RAB on the draft BCP have been incorporated. The BCT was asked to provide any additional comments to PRC's Karann Brandt by the close of business today, February 18, 1997. The BCP will be delivered to the team for final review on February 26, 1997, with final distribution on March 1, 1997. The Navy also presented the reuse matrix, a preliminary look at possible remedial action and their associated costs based on various reuse scenarios for each site area, as outlined in the community's approved reuse plan. This matrix (one for each IRP site) is a new addition to the BCP, and the Navy asked the BCT members to review it as well.

ARARS (Applicable or Relevant and Appropriate Requirements)

With respect to facility-specific ARARs for NAS Alameda, the DTSC requested that a "workshop" or meeting be held to facilitate the selection of NAS Alameda ARARs. No meeting date was set.

Geographic Information System (GIS)

March 14, 1997, is the target date to download GIS data from the IRP into the work station at NAS Alameda. The ISDN line (a high-speed computer modem transmission connection) at the station needs relocating, and the Navy personnel from San Bruno will assist NAS Alameda personnel in preparing for the download. Data will include installation restoration program (IRP) data for soils, surface soils, groundwater (first and second water-bearing zones), and National Pollutant Discharge Elimination System (NPDES) data, but not include any soft tissue data from the ecological work. DTSC asked about inclusion of the Environmental Baseline Survey (EBS) data. The Navy indicated that the EBS data are still being quality control (QC) reviewed and was not sure if they would be ready by March 14, 1997.

Removal Actions

Contracting activities (for Moju Environmental) continue with respect to the engineering evaluation/cost analysis (EE/CA) being performed for Site 16, that will allow incorporation of Site 15 removal action soils into the evaluation. Another meeting will be scheduled sometime in March to discuss alternatives for handling Site 15 and 16 soils. The modified EE/CA is targeted for draft submission to the agencies on April 1, 1997.

At Sites 7 (7A), 14, and 22 (7C), preliminary results of the TPH screening level evaluation performed on the data from the sites indicate that TPH levels at these sites are not a serious concern and a removal action may not be warranted. These sites will either be removed from the installation restoration (IR) program as TPH-only sites (under the UST program) or carried through the RI/FS process with recommendations made for their disposition as part of the proposed plan, prior to record of decision. For Site 22, a pre-draft EE/CA will not be delivered until recommendations are made based on the TPH screening level evaluation technical memorandum recommendations (delivery targeted for sometime in April 1997).

Site 18 field work (storm drain system clean out) continues under the oversight of IT Corp and PRC. The project is about 75 percent complete, with a scheduled finish date of March 31, 1997. The Navy indicated that the processing of wash water used during the clean out is so effective that East Bay Municipal Utility District (EBMUD) is accepting it without further treatment at one of the on-base industrial wastewater treatment plants (IWTP). The Navy estimated that it has disposed of about 40,000 gallons of water so far.

UC Berkeley Activities

Treatability study work for Sites 2 and 17 continues, with revisions to the draft final work plan being incorporated. The sediments characterization and treatability study draft final work plan is scheduled for delivery to the agencies by February 28, 1997. Field sampling at Sites 3 and 13 in support of intrinsic bioremediation has been completed. Laboratory work continues and completion of the lab work is expected in May 1997. Additional treatability study work was discussed between The Navy, PRC, and UC Berkeley (UCB) targeting chlorinated solvents at Sites 4 and 5. As a result PRC is generating a work plan to conduct a detailed site assessment to assist UCB in their evaluation of the natural attenuation of chlorinated solvents at Sites 4 and 5.

Other Treatability Studies at Site 5

The Lockheed Martin (LM) electrokinetic metals extraction study is most likely to be handled now by a former LM employee, Steven Schwarzkopf, as LM is no longer interested in doing the demonstration. The technology vendor GeoKinetics will work with Mr. Schwarzkopf and the Navy to continue the project. The electrokinetic site preparation and cathodic well installations were completed in May 1996.

Also at Site 5, Resolution Resources (RR) completed a three-dimensional seismic profiling demonstration beneath the site in search of free-product associated with chlorinated solvent releases. Based on preliminary interpretations of the data, RR is preparing a verification sampling plan for submittal on March 10, 1997. No evidence was found showing dissolved nonaqueous-phase liquids (DNAPLs) in the first water-bearing zone, nor was there evidence of fractures or "cracks" in the underlying Bay Mud sediments.

In addition, another technology firm, GEHM, is preparing to use an electromagnetic induction technique to survey the same area at Site 5. Both RR and GEHM are being overseen by the Navy's NFESC office, and the results of each electromagnetic technique will be compared and studied by NFESC. The GEHM work plan will be available April 15, 1997.

Site 1 Funnel and Gate Demonstration

Rice University and Waterloo University selected Site 1 as a location for setting up their "funnel and gate" groundwater treatment technology. The field visit for the public and interested agencies held on December 18, 1996, was quite successful, drawing up to 50 people. Investigation-derived waste (IDW), mostly soils, will be removed within the next two weeks. About 8 tons of excess iron filings from the "iron" portion of the "gate," will also be removed.

Radiological Activities

The final Radiation Survey and Field Sampling Plan was distributed on January 27, 1997. The final Site 1 and Site 2 Radiological Survey Report Addendum was released February 14, 1997.

The Navy began contracting activities for the generation of an EE/CA for a removal action on radiological-impacted interior building lines and pipe work, and associated drains, and is looking into the recommendation for a follow-on 100% survey of Site 1.

Environmental Baseline Survey/Finding of Suitability to Lease/Transfer (FOSLs/FOSTs)

The DTSC, Navy and EPA are still in discussions concerning details in the methodology for human health risk-based tiered screening analyses to be conducted at the EBS parcels. The BCT presented the methodology to the RAB on February 4, 1997, and is sponsoring a workshop on March 18, 1997, at 7 p.m. at NAS Alameda, to interested members of the RAB and public.

The Navy handed out an updated version of the EBS/FOSL review schedule priorities for NAS Alameda. Currently, the EBS/FOSL for Sector 2 is targeted to be submitted to the agencies on February 21, 1997. The Navy indicated that the final Sector 2 EBS/FOSL was scheduled for signature on April 23, 1997, two days before the final ceremonies for the closure of NAS Alameda on April 25, 1997.

Item: Community Relations, Compliance Programs; Other Activities

Summary: Community Relations

The final revised Community Relations Plan was distributed on December 27, 1996. The Navy stated that a region-wide contract with a consulting firm to provide RAB support was recently issued, but would not be in place by the March 4, 1997, monthly RAB meeting. PRC's Marie Rainwater will likely cover the minutes for that meeting in March. The new contractor will cover RAB issues such as mailings, agendas, and meeting minutes. The Navy's CLEAN contract will continue to cover larger program issues related to newsletters, fact sheets, and community relations (CR) plans.

The next RAB meeting will be held in the media center/library at Paden Elementary School in Alameda, on March 4, 1997, as the Combined Officers' Quarters on base is no longer available.

The Navy indicated that it is actively seeking and interviewing for a replacement for Mr. Hans Petersen, who recently left NAS Alameda's Environmental Office for a job with the EPA in Philadelphia.

Underground Storage Tanks

No update was provided (see December 17, 1996, minutes for previous discussions).

Other Items

The team discussed revisiting upcoming RAB agendas, in order to identify (and prioritize) actions and activities that the BCT needed to bring forward, and to work more closely with the RAB. The importance of this issue was discussed as the BCT will be trying to cover other issues brought to the RAB forum by the community and special interest groups, for example, the upcoming fire-fighters' presentation to the RAB, ARC Ecology's community acceptance criteria, and concerns about the UST soil piles.

Item: Closure/Action Items Summary

Summary: As discussed above, approval/consensus of revised environmental program schedules, and on key policy and technical issues, requires timely resolution by the team and BCT in order to continue with accelerated environmental restoration activities at NAS Alameda, in conjunction with early property leasing and transfer. Several meetings were set.

Actions: Key dates and actions summarized below are found on each of the project summary handouts. The next **tracking meeting** will be held on **Tuesday, March 25, 1997**, at NAS Alameda, from 9 a.m. to noon.

	February 18, 1997	BCP comments due by COB to Karann Brandt, PRC
	February 19, 1996	Ecological sampling site visit, 9 a.m. Main Gate, NAS Alameda
	February 26, 1997	Background data set/ranges meeting at NAS Alameda, 9 a.m.
	March 1997	Site 15/16 Soil Disposition meeting, NAS Alameda, 10 not set)
a.m. (date	March 4, 1997	RAB Meeting, Paden Elementary School, Alameda, 7 p.m.
	March 14, 1997	GIS data dump of IRP data to NAS Alameda workstation
	March 18, 1997	RAB workshop, EBS Tiered Screening, NAS Alameda, 7 p.m.
	March 24, 1997	BCT/team comments due to the Navy on revised OU schedules
	March 25, 1997	Tracking Meeting, NAS Alameda, 9 a.m.
	April 1, 1997	RAB Meeting, Paden Elementary School(?), Alameda, 7 p.m.
	April 23, 1997	Sector 2, EBS/FOSL final signatures
	April 25, 1997	NAS Alameda formal base closure ceremonies
	April 29, 1997	Tracking Meeting, NAS Alameda, 9 a.m.
	May 6, 1997	RAB Meeting, Paden Elementary School(?), Alameda, 7 p.m.
	May 13, 1997	Tentative date for discussion of Environmental Program schedules/overlap

ATTACHMENT A

ATTENDANCE LIST

MONTHLY TRACKING MEETING Environmental Actions At Naval Air Station (NAS) Alameda

Date: February 18, 1997, Tuesday
Time: 9:15 a.m. - noon
Place: Building 1, NAS Alameda, Alameda, California

<u>Name</u>	<u>Organization</u>	<u>Phone</u>
Lynn Suer	San Francisco Bay Regional Water Quality Control Board	(510) 286-4268
Tom Lanphar	Cal-EPA, Department of Toxic Substances Control	(510) 540-3809
James Ricks, Jr.	U.S. Environmental Protection Agency	(415) 744-2402
Anna-Marie Cook	U.S. Environmental Protection Agency	(415) 744-2367
Camille Garibaldi	U.S. Navy, Engineering Field Activity West	(415) 244-2516
Teresa Bernhard	U.S. Navy, Engineering Field Activity West	(415) 244-2596
Ken Spielman	U.S. Navy, Engineering Field Activity West	(415) 244-2539
Dennis Wong	U.S. Navy, Engineering Field Activity West	(415) 244-2526
Steve Edde	NAS Alameda Environmental Office	(510) 263-3706 x12
Mike Baldwin	NAS Alameda Environmental Office	(510) 263-3706 x14
Roger Caswell	NAS Alameda / Caretaker Site Office	(510) 263-6241
Duane Balch	PRC EMI (now Tetra Tech EM Inc.)	(916) 853-4529

ATTACHMENT B

AGENDA

MONTHLY TRACKING MEETING Environmental Actions at NAS ALAMEDA

Date: February 18, 1997, Tuesday
Time: 9:00 a.m. - 11:30 a.m.
Place: Building 1, NAS Alameda, Alameda, California

9:00-9:15 **Administrative/Approval of Previous Meeting Minutes**
BRAC Cleanup Team: Meeting process discussion; discuss previous meeting minutes and action items.

9:15-10:45 **Remedial Project Manager Reports**
Camille Garibaldi: Discuss IRP program update/status, such as schedules and status of an FFSRA for NAS Alameda.

Teresa Bernhard: Update status of Seaplane Lagoon field work, ecological assessment (aquatic and terrestrial) field work, human health risk assessment, data set for ambient/background comparisons, TPH clean up levels, beneficial use of groundwater, fate and transport modeling, commercial treatability studies, newsletter and fact sheets, ARARs, BRAC Cleanup Plan revision, and master schedule.

Ken Spielman: Discuss status of UCB treatability studies, Lockheed Martin Site 5 demonstration, and the University of Waterloo Site 1 demonstration project.

George Kikugawa: Status of actions at Sites 16 and 22, status of radiological surveys at Sites 1 and 2, and actions at Site 5 and Site 10.

Dennis Wong: Discussion of the community relations plan revision, status of the removal actions at Sites 7, 14, and 15, including status on the TSTA, and the Site 18 removal action.

Ann Klimek: Basewide EBS and reuse activities, including human health tiered screening, GIS/database, and FOST/transfer of property; and EBS data summary reports (results, referrals, and reclassification).

ATTACHMENT C

RPM Project Status and Update Sheets

**MONTHLY TRACKING MEETING
Environmental Actions At
NAS ALAMEDA**

February 1997

**ATTACHMENT C – RPM PROJECT STATUS AND
UPDATE SHEETS**

**18 FEBRUARY 1997 MONTHLY TRACKING
MEETING MINUTES FOR ENVIRONMENTAL
ACTIONS**

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DATE: 04/03/03
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Michael Wanta, Contract Manager

DOCUMENT TITLE AND DATE:

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April 2, 2003

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