

**FINAL NAVAL AIR STATION ALAMEDA RESTORATION ADVISORY BOARD
MEETING SUMMARY**

Building 1, Suite 140, Community Conference Room
Alameda Point
Alameda, California

July 2, 2002

ATTENDEES

See attached list.

MEETING SUMMARY

I. Approval of Minutes

Jo-Lynne Lee, Vice Community Co-Chair, called the meeting to order at 6:48 p.m.

Ms. Lee asked for comments on the June 4, 2002, Restoration Advisory Board (RAB) Meeting Minutes. The minutes were approved. No comments were made.

II. Co-Chair Announcements

Mike McClelland, Department of the Navy (Navy), made the following announcements.

The Regional Water Quality Control Board (RWQCB) has assigned Judy Huang as the new RWQCB representative for Alameda Point. She will be invited to begin attending RAB meetings at the August 2002 meeting.

Steve Edde gave a presentation to the Lake Merritt Breakfast Club on Thursday, June 27, 2002. Mr. Edde was referred to the group by Ken Hanson from the Alameda Annex RAB. The presentation gave a broad overview of Base Realignment and Closure in the San Francisco Bay area, with more detailed information about Treasure Island and Alameda Point.

Ms. Lee made the following announcements.

The Draft Operable Unit (OU) 5 Remedial Investigation (RI) Report, including the human health risk assessment, has been issued. The Department of Toxic Substances Control (DTSC) has completed its review and submitted comments. A conference call was held to resolve those comments. The draft final version of the document will be issued on Friday, July 12, 2002. The risk assessment was conducted using state and federal risk factors, and both sets of results will be published. A short discussion about the need for this dual tracking method ensued, and Anna-Marie Cook, U.S. Environmental Protection Agency, suggested that the RAB consider making this an agenda item for a future meeting, when the agencies' risk assessors could be present to answer questions. A panel discussion for issues related to risk assessment is planned for the September 2002 RAB meeting.

Because the September 2002 RAB meeting is scheduled for the week of Labor Day, it likely will be rescheduled for the following Tuesday (September 10, 2002). That change will be confirmed at the August 2002 RAB meeting.

Various correspondence and documents were distributed to the RAB.

III. BRAC Cleanup Team (BCT) Activities

Marcia Liao, DTSC, provided the following report on BCT activities for June 2002.

The June 2002 BCT meeting was cancelled; however, two conference calls were held. The first call was held on June 11, 2002, to discuss the Navy's response to comments on the OU-5 RI report. During the second conference call, held June 13, 2002, the Navy presented the weight-of-evidence (WOE) approach for completion of the ecological risk assessment for the RI report at Seaplane Lagoon. This approach would involve a careful review of all previously collected data to be used as justification for the need of remediation. Each type of data to be used as evidence of the need for remediation would be assigned a weighting factor. The sum of the WOE's would be used to show which areas appear to require remediation. Ms. Cook stated that the agencies feel that this process may be unnecessary and that there is already enough evidence for the agencies to require remediation at Seaplane Lagoon. Upon receiving the report, the agencies will conduct an independent verification of the approach. The draft RI report for Seaplane Lagoon will be submitted in January 2003. Mr. Edde suggested that continuation of the discussion on this topic be added to the agenda for a future RAB meeting.

IV. Report on Environmental Conference

Dale Smith was not present to report on the environmental conference. This agenda item will be rescheduled for the August 2002 RAB meeting.

V. Community and RAB Comment Period

Ron Rinehart, Alameda Point Community Partners (Partners), stated that the Partners have begun discussions on how early transfer may affect the RAB and would like the RAB's opinion on the possibility of creating an on-line information resource. Mr. Rinehart stated that the Partners do not have funds for the project, but if the RAB would be willing to use their Technical Assistance for Public Participation (TAPP) grant money to pay for the startup and maintenance costs, the Partners would be responsible for production and maintenance of the on-line library. Ms. Lee asked if the project would be an ongoing expense. Mr. Rinehart stated that for proper maintenance and updating, it would require ongoing funding from the RAB. Lea Loizos asked if the Partners planned to begin production of this website now, or following early transfer. Mr. Rinehart stated that they would be ready to start on it as soon as funding becomes available. Ms. Loizos stated that she believed that the Navy had taken the initiative at other bases to create such a website without asking the RAB for money. Ms. Lee stated that she does not believe that the TAPP grant money could be used for this purpose, and suggested that a few of the RAB members meet with Mr. Rinehart and do some research to determine if the proposed on-line library would be a good investment for the RAB. Ms. Lee, Ms. Loizos, and Kevin Reilly will meet with Mr. Rinehart to discuss this issue further and will report back to the RAB at the August 2002 meeting.

VI. On-site Status Updates (Corrective Action Areas [CAAs] 13, 6, and 7; Lead-based Paint Tower Sites; and Comprehensive Environmental Response, Compensation, and Liability Act Site 25)

CAA-13 (Building 397) – Dual Vapor Extraction (DVE) System

Greg Lorton, Navy, gave a brief history of RI activities at Building 397. A jet fuel spill of about 17,000 gallons occurred at the building in 1991, when a valve was accidentally left open and the oil-water separators overflowed. Several attempts to remove the spilled fuel were made, including an effort to clean the storm drain lines. Because floating product was still present in 2000, the Navy determined that further remediation was warranted and the DVE system was installed. The technology pumps water and air into the ground and treats the vapor and liquid products separately with activated carbon filters to remove petroleum constituents. To date, several hundred pounds (lb) of floating product have been removed. The Navy expects to be able to remove all of the floating product before shutting down the system. In response to questions by George Humphreys, Mr. Lorton stated that about 12 wells were installed for this system and that Fenton's reagent is not being used at this site, because chlorinated hydrocarbons are not present.

Ms. Lee asked what actions would be taken following removal of free product. Mr. Lorton stated that the plans for such actions have not yet been decided, but that air sparge (AS)/soil vapor extraction (SVE) would be a likely remedy to address the dissolved phase constituents. Ms. Lee also asked if residents in the vicinity of the DVE system were still complaining about the noise from the system. Elizabeth Johnson, City of Alameda (City), stated that she was not aware of any complaints that had been received by her office. Ms. Lee asked Ms. Johnson to clarify what the protocol is for submitting complaints about noise disturbances. Ms. Johnson stated that during regular business hours, residents should contact the City Planning Department, and that after regular business hours, residents should contact the police.

CAA-7 – DVE System

The system running at CAA-7, a former gas station that closed in 1997, is nearly ready to be shut down. To date, the system has removed about 7,000 lbs of free product. No free product remains in the wells, and an AS/SVE system will be used to treat dissolved-phase constituents in the near future. Kurt Peterson asked why the system at Site 7 appears to be significantly quieter than the system at Building 397. Mr. Lorton stated that the pumps at Site 7 are fewer and smaller and that horizontal wells, placed at about 5 to 6 feet below ground surface (bgs), were used for this site. The nature of the releases (slow leaking tanks over long periods of time at Site 7 versus one large release at Building 397) requires slightly different approaches for remediation at the two sites. The approach being used at Site 7 happens to be a quieter system.

Mr. Humphreys asked if methyl tertiary butyl ether (MTBE) is present in the groundwater at Site 7. Mr. Lorton confirmed that it is, but stated that the plume has not migrated significantly. At a previous RAB meeting, there was a discussion about an MTBE plume at a former gas station that reached to the far side of Main Street. Ms. Loizos asked if the MTBE plume being discussed is the same plume. Mr. Lorton stated that it is, and the system that will be installed to treat dissolved phase constituents also will target the MTBE plume.

Site 25 Polynuclear Aromatic Hydrocarbon Removal Action

Rick Weissenborn gave a brief status update on the removal at Estuary Park. The excavation is about 95 percent complete, and the backfilling is about 80 percent complete. The Navy is in the process of

resolving issues with lead content in some of the excavated soils. The disposal facility may require treatment of the soil before disposal. The portable air monitoring systems used at all excavation sites were shown to the RAB members. A permanent air monitoring system has been installed at the Miller School. That system operated for 1 week prior to commencement of removal activities, to establish a baseline, and has been running continuously to monitor any changes in air quality during the removal action.

Mr. Humphreys asked how much of the excavated soil contained elevated levels of lead. Mr. Weissenborn stated that about 20 truckloads of soil contained lead in excess of California or RCRA hazardous waste limits.

Irrigation systems, topsoil, and sod should be in place within 2 weeks. A conservative estimate of mid-September 2002 has been issued as the tentative reopening date for Estuary Park; however, Mr. Weissenborn stated that the park would likely reopen earlier than anticipated.

Water and Antenna Towers Removal Action

Mr. McClelland gave a brief status update of the RI work at the towers. The three remaining towers will be removed, and soil in unpaved areas immediately surrounding the towers will be removed to a depth of 1 foot bgs. In addition, some areas across the street from the towers and in the vicinity of the emergency removal action that was conducted in Fall 2001 also will be excavated. Excavated material will be replaced with clean fill and sod. Mr. Peterson asked when this removal would be conducted. Mr. McClelland stated that he was unsure about the exact timeframe, but estimated that the removal may begin in September 2002.

Mr. Reilly asked what would be done with the steel from the towers. Mr. McClelland stated that it would be disposed of at a steel recycling plant.

CAA-6 – DVE System

Following three months of operation, no free product has been detected in the observation piezometers at CAA-6, and the DVE system has been shut down to determine if the free product will rebound. At this time, the Navy is waiting to determine if any rebound will occur. Ms. Loizos asked why the pipes at this site are elevated whereas the pipes at the other sites were not. Bob Cox, Shaw Environmental and Infrastructure (formerly International Technology Company), explained that the pipes coming from the individual wells were raised to increase efficiency. The contents must eventually be raised into the treatment system. If this process occurs in the smaller individual pipes, less energy is required than if the process occurs in the larger pipe that the individual pipes empty into.

Mr. Peterson asked what caused the original release at this site. Mr. Lorton stated that jet fuel had leaked from pipes connected to large fuel tanks used to service jets. Mr. Cox estimated that the impacted area is about 50 to 75 by 50 feet.

Mr. Peterson also asked why there is not significant migration of floating product. Mr. Cox explained that there is very little groundwater flow or tidal influence in the vicinity of CAA-6. When seasonal variations cause the water table to rise, the floating product is lifted. When the water recedes, the floating product is smeared and adsorbed to the soil particles above the water table. That portion of the fuel biodegrades.

The meeting was adjourned at 8:52 p.m.

ATTACHMENT A

**NAVAL AIR STATION ALAMEDA
RESTORATION ADVISORY BOARD MEETING AGENDA
JULY 2, 2002**

(One Page)

RESTORATION ADVISORY BOARD

NAVAL AIR STATION, ALAMEDA

AGENDA

2 JULY, 2002 6:30 PM

ALAMEDA POINT – BUILDING 1 – SUITE 140

COMMUNITY CONFERENCE ROOM

(FROM PARKING LOT ON W MIDWAY AVE, ENTER THROUGH MIDDLE WING)

<u>TIME</u>	<u>SUBJECT</u>	<u>PRESENTER</u>
6:30 - 6:35	Approval of Minutes	Michael-John Torrey
6:35 - 6:40	Co-Chair Announcements	Co-Chairs
6:40 - 6:45	BCT Activities	Marcia Liao
6:45 - 6:50	Report on Environmental Conference	Dale Smith
6:50 - 7:00	Community & RAB Comment Period	Community & RAB
7:00 - 8:30	Onsite Status Updates (CAAs -4, -6 and -7; LBP Tower Sites; and CERCLA Site 25)	Navy
RAB Meeting Adjournment		
8:30 - 9:00	Informal Discussions with the BCT	

ATTACHMENT B

NAVAL AIR STATION ALAMEDA
RESTORATION ADVISORY BOARD MEETING SIGN-IN SHEETS

(Four Pages)

**ALAMEDA POINT
RESTORATION ADVISORY BOARD
Monthly Attendance Roster for 2002**

Date: July 2, 2002

Please initial by your name

COMMUNITY MEMBERS	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Ingrid Baur	X	X		X		X						
Clem Burnap												
Ardella Dailey		*			X	X						
Nick DeBenedittis												
Douglas deHaan		X	X		X	X						
Tony Dover	X		X				DD					
George Humphreys	X	X	X	X	X	X	GH					
James D. Leach	X	X	*	*	X	X	JDL					
Jo-Lynne Lee	X	**	X		**							
Lea Loizos	X	X	X	X		X	LL					
Bert Morgan	X	X	X	X	X	X						
Ken O' Donoghue												
Kurt Peterson				X	X	X	KP					
Kevin Reilly	X	X			X	X	KR					
Bill Smith (attending for Mary Sutter)	X	X	X	X								
Dale Smith (attending for Mary Sutter)				X	X	X						
Lyn Stirewalt	X	X	*		*	X						
Mary Sutter												
Jean Sweeney						**						
Jim Sweeney						**	JIS					
Luann Tetrick		X	X		X	X	LT					
Michael John Torrey	X	X	X	X	X	X	MST					

* Denotes excused absense

COMMUNITY MEMBERS	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Dana Kokubaun												
Golden Gate Audubon Society												
Betsy P. Elgar												
Debbie Collins	X	X					✓					
REGULATORY AND OTHER AGENCIES	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Anna-Marie Cook	X	*	X	X	X		<i>ame</i>					
David Cooper	X	X	X									
Elizabeth Johnson	X	X		X	X	**						
Marcia Liao			*	X		X	X					
Laurent Meillier												
Patricia Ryan	X	X	X	X	X	X						
Sophia Serda					**							

* Denotes excused absence

U.S. NAVY	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Glenna Clark												
Andrew Dick	**			X	X							
Steve Edde		X	X	X			<i>SEB</i>					
Greg Lorton							<i>GL</i>					
Mike McClelland	X	X	X	X		**	<i>MEC</i>					
Tom Pinard	X	X		X	X	X	<i>TPP</i>					
Rick Weissenborn	X			X	X	X	<i>RW</i>					
TETRA TECH EMI	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Courtney Colvin	X	X	X		X	X	<i>CC</i>					
Tracy Craig	X	X	X			X						
Chris Fennessy						X						
Jim Helge						X						
Marie Rainwater												
Leah Waller	X	X	X									
Corinne Crawley				X								
GPI	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Michael Stone	**	**	**	**	**	**						
Jack Clemes												

* Denotes excused absence

OTHER	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Charlene Washington-EBCRC												
Janet Argyres-Bechtel					X							
Bart Draper-Bechtel												
Stephen Quayle-Bechtel												
Bruce Marvin - IT, Aquifer Solutions	X											
Rezsín Jaulus-Alameda Point Coll.				X		X						
Eric Johansen - Bechtel					X							
Ron Rinehart, Pacific States			X	X	X	X	RR					
Aidan Barry - APCP					X	X	AB					
Bill Howell - 3-D Environmental					X	X						
<i>Lee Dodge - LFR</i>												

* Excused absence
 ** Attended but did not sign roster

* Denotes excused absence



TRANSMITTAL/DELIVERABLE RECEIPT

Contract No. N68711-00-D-0005

Document Control No. TC . A021 . 10074

TO: Mr. Ron Fuller, Code 02R1.RF
Contracting Officer
Naval Facilities Engineering Command
Southwest Division
1230 Columbia Street, Suite 1100
San Diego, CA 92101-8517

DATE: 04/03/03
DO: 021
LOCATION: Alameda Point, Alameda, California

FROM: [Signature]
Michael Wanta, Contract Manager

DOCUMENT TITLE AND DATE:

Restoration Advisory Board Meeting Summaries for 2002, April 2, 2003

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Date/Time Received