

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

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

December 3, 2002

ATTENDEES

See attached list.

MEETING SUMMARY

I. Approval of Minutes

Michael John Torrey, Community Co-Chair, called the meeting to order at 6:30 p.m.

Mr. Torrey asked for comments on the November 5, 2002, Restoration Advisory Board (RAB) Meeting Minutes. The minutes were approved, with the following corrections:

- Elizabeth Johnson, City of Alameda, stated that on in Lines 5 and 8 of the last paragraph of Page 6, "Counsel" should be replaced with "Council."
- George Humphreys stated that in the second bullet on Page 4, "CERCLA warrant" should be revised to "CERCLA warranty."
- Mr. Humphreys also stated that on Page 9, the second paragraph under Section VI should be revised to read "...It has four isotopes; the longest lasting form is Radium 226, which has a half-life of 1,620 years. Uranium 238 has a half-life of 4.5 million years, so there is virtually a continual source of degrading forms of radioactive material in nature. Once the radium has been extracted from the parent uranium and thorium sources, the radium will decay in accordance with half-lives of the respective radium isotopes..."
- Mr. Humphreys also stated that the phrase "(seawater contains radioactive potassium 40)" should be added to the end of the fifth sentence in the third paragraph of Section VI.
- Mr. Humphrey's also stated that inhalation should be included as one of his immediate concerns (in addition to ingestion) in the fifth paragraph of Section VI.

- Lea Loizos stated that she did not recall saying that a feasibility study (FS) could be prepared without a baseline ecological risk assessment, as indicated at the bottom of Page 8. The tape from the November 2002 minutes was reviewed, and the sentence was revised to “Ms. Loizos stated that an FS could be prepared without conducting an RI.”

II. Co-Chair Announcements

Mr. Torrey made the following announcement:

The City of Alameda Planning and Building Department will be hosting a Development Standards Workshop Thursday, December 12, 2002, from 6:00 p.m. to 9:00 p.m. at City Hall. For further information, RAB members can contact Jerry Cormack, Development Review Manager, or Judith Altschuler, Supervising Planner at (510) 748-4554, or visit the City’s website at www.ci.alameda.ca.us.

Steve Edde, Department of the Navy (Navy), stood in for Mike McClelland as Navy Co-Chair, because he was unavailable to attend the meeting. Mr. Edde made the following announcements:

The Final Operable Unit [OU]-5 Soil Remedial Investigation [RI] Report was submitted December 3, 2002. The polynuclear aromatic hydrocarbon (PAH) Site Inspection Report, Volumes I, II, and III will be submitted on December 16, 23, and 30, 2002, respectively. Each volume will be followed by a 60-day regulatory and public review period.

III. Site 14 Focus Group Update

Ms. Loizos stated that the focus group met again in November 2002 to discuss comments on the Draft Site 14 FS. The main concern is whether the FS will evaluate hotspot remediation. Anna-Marie Cook, U.S. Environmental Protection Agency, stated that, according to the Navy, hotspot remediation likely will be included in the FS as an additional alternative. Ms. Cook stated that this change should be incorporated into the draft final version of the document, rather than creating delays of the schedule by submitting a revised draft FS; however, the community would need to meet the 30-day period that is in the schedule for review of the draft final FS. Focus group members agreed that 30 days should be adequate and that delaying the schedule would be unwise. The group is preparing comments on the FS and will submit them to the Navy.

The Sierra Club would prefer a baseline ecological risk assessment to a screening risk assessment; however, some of their concerns would be alleviated if hotspot remediation is conducted. The main remaining concern would be that risks to flyway birds have not been assessed. Doug DeHaan stated that the focus group also is concerned about the potential for contamination to move toward the estuary. Dale Smith asked if there is a specific document that provides information on groundwater flow direction. Ms. Cook responded that groundwater at Alameda Point does not show much variation in flow, and that the RI report for Sites 14 and 15 currently provides the best information on groundwater flow direction. However, in the future, there will be quarterly groundwater monitoring reports available, and they will be the most accurate and comprehensive sources of such data.

IV. Sites 30 and 31 Status Update

Rick Weissenborn, Navy, gave the following presentation regarding Sites 30 and 31. A handout was provided. Based on information from the basewide PAH investigation and the OU-5 RI, the Navy determined that formal designation of Sites 30 and 31 was necessary. Both of the new Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites are in the vicinity of Site 25. Site 30 consists of the area surrounding the Miller Elementary School and the Woodstock Child Development Center. Site 31 is the Marina Village Housing Area. At Site 30, potential chemicals of concern (PCOC) include PAHs in soil and benzene and naphthalene in groundwater. At Site 31, PCOCs include PAHs and metals in soil at depths greater than 2 feet and benzene and naphthalene in groundwater. The top 6-inches of soil were removed and replaced with 2 feet of imported soil at Site 31 during a pre-construction removal action that targeted metals in soil. Currently, the groundwater RI/FS for Alameda Annex and OU-5 is underway, and the groundwater for Sites 30 and 31 will be addressed in that RI/FS. A separate RI/FS for each site will be conducted to address soils under the CERCLA Program. If the RIs conclude that there is no significant risk to human health or the environment, the FSs will not be conducted. A time-critical removal action at the Woodstock Child Development Center is being planned; however, the contract that was supporting this work at Site 25 has ended. Therefore, the removal will commence following resolution of contracting issues and the coordination of scheduling to account for weather conditions and the school calendar. Once the removal begins, it will require 2 to 3 weekends for completion.

Mr. DeHaan asked which metals were targeted in the previous removal action at Site 31. Mr. Weissenborn was unable to recall that information.

Ms. Smith asked if the parents at the Miller Elementary School have been notified that the Navy has acknowledged that there is a significant risk at the school. Mr. Weissenborn stated that notification would be sent as soon as the removal action is mobilized. No notice has been sent at this time, because the risks associated with the site are associated with long-term exposure. Ms. Cook added that about 18 months ago, the regulators met with the Navy and the school board to assure them that there were no immediate health risks to the children. Ardella Dailey is fully aware of all the circumstances involved, and there was an initial notification sent out to the parents making them aware of the situation and the long-term projected actions.

Ms. Johnson asked for clarification that the houses in the area were built with liners beneath them. Mr. Weissenborn stated that they were. Ms. Johnson asked if the concerns being discussed are new issues that the Navy was unaware of previously. Mr. Weissenborn stated that there may be new issues for groundwater, but those are separate from the soil issue. Ms. Cook recalled that arsenic was the primary target for the previous removal action at Site 31. Ms. Johnson asked if the Navy planned to evaluate the site as if no remedy were in place (as if the liners beneath the buildings had not been installed). Ms. Cook stated that technically the liners do not constitute a remedy because they were not approved through the formal CERCLA decision process; therefore, the Navy would be required to fully evaluate the site.

Mr. DeHaan stated that he is concerned that excavation at Site 31 could potentially impact development at the new east housing. Ms. Smith asked if the Navy has been able to fully define the extent of the groundwater plume. Mr. Weissenborn stated the groundwater plume is defined in the RI report; however, the direct-push sampling method used to collect groundwater data was

unable to successfully collect any samples from beneath the warehouses. Therefore, the concentration contours shown beneath the warehouses are inferred.

Kurt Peterson asked if groundwater samples were collected in the east housing area. Mr. Weissenborn stated that samples were collected during the environmental baseline survey but not during recent investigations, because the property has already been transferred.

Mr. Torrey asked if another method would be used to try to collect groundwater samples from beneath the warehouses. Mr. Weissenborn responded that if it becomes necessary to do so, the Navy would find an alternative sampling method.

IV. Schedule Community Members meeting on Early Transfer

RAB members discussed possible dates for a meeting with Myrna Hayes, Co-Chair of the Mare Island RAB, to discuss concerns regarding early transfer. Ms. Hayes is unavailable for most of January 2003 because of another commitment. RAB members agreed that the last week of January 2003 would be the best time to meet; Ms. Loizos will contact Ms. Hayes to see if she is available during this timeframe; scheduling of the community meeting will be on the agenda for the January 2003 RAB meeting.

V. BCT Activities

Ms. Cook provided the following report on discussions at the November 19, 2002 meeting of the Base Realignment and Closure (BRAC) Cleanup Team (BCT):

- The BCT discussed progress on the Site 26 RI. Low concentrations of chlorinated solvents were detected in the northern portion of the site. Petroleum contamination was discovered in the southern portion of the site, in the vicinity of a former fuel line break. Remediation of the southern portion of the site may be transferred to the Total Petroleum Hydrocarbon Program.
- The BCT revised the Site Management Plan. Significant changes include extending the deadline for the OU-5 FS about 6 months, and pushing back the OU-3 FS 2 months. Most deadlines are being met.

Mr. Peterson asked whether all of the buildings in Site 26 are currently being leased. Ms. Johnson confirmed that they are.

VI. Community and RAB Comment Period

Patrick Lynch stated that in an article in the *Alameda Journal*, the Navy claimed the water tower removal posed no threat to the public because all federal and state laws were being complied with. Mr. Lynch stated that he feels it was arrogant of the Navy spokesperson to have made such a claim, particularly given that the contractor, Shaw Environmental and Infrastructure (formerly International Technology Corporation), was cited by the Department of Toxic Substances Control for violating hazardous wastes laws. Mr. Lynch visited the site to investigate the validity of the Navy's statement himself. Mr. Lynch claims to have found red paint chips around the site, outside of the fenced work area. Mr. Lynch also said there was a track vehicle severely rutted in a landscaped area. It appeared that the other end of the vehicle was being used to crush sections

of the water tanks, and in this process, was spreading paint chips everywhere. Mr. Lynch encouraged the regulators to inspect the site.

Mr. Edde stated that deviations from an approved work plan would be unacceptable and Navy personnel would inspect the site immediately. The Navy will report back to the RAB at the January 2003 meeting.

Bert Morgan asked who is responsible for oversight on construction projects on the base. Ms. Cook stated that each contractor has its own health and safety inspector. Mr. Edde added that there is also a Resident Officer In Charge of Construction (ROICC) assigned to various sites around the base. The ROICC office is located on base, just down the street from Building 1. The ROICC assigned to the water tower removal is Shirley Ng, and Mr. Edde will contact her immediately to discuss the situation. Ms. Dailey asked if the ROICCs keep logs of their site visits. Mr. Edde responded that they keep some form of records, and that he will try to get copies of those that address site visits to the water tower sites, provided that they are available for public review. Ms. Cook added that the contractor's project manager should be reporting any deviations from the approved work plan.

Ms. Sweeney asked if the lead contamination around the first CPO unit had been cleaned up prior to the removal of the towers. Ms. Johnson stated that it had been taken care of in the emergency removal action last year. The footings had been removed, and the entire area had been resodded.

Ms. Loizos asked Mr. Edde about the status of the Technical Assistance for Public Participation (TAPP) grant. Mr. Edde answered that Mr. McClelland did not provide an update on the status of the grant application since he announced that the application had been signed by the navy commanding officer. Ms. Loizos stated that the contractors on the TAPP grant application are interested in knowing what the next step will be and how the Navy will contact them. Mr. Edde was unable to recall the specific information regarding contractor requirements, however, he guessed that it likely would involve a one- to two-page summary of credentials. Mr. Weissenborn suggested that Jo-Lynne Lee might remember more of the details, based on her experience.

Mr. Torrey stated that he has served 2 years as Co-Chair and 3 years as Vice Co-Chair of the RAB, and a lot of work remains to be done. He had hoped more would have been accomplished by now, given that there had been plans to finish by 2004. He "handed the gavel" to Mr. Morgan with his best wishes.

The meeting was adjourned at 7:47 p.m., and the annual holiday potluck began.

ATTACHMENT A

**NAVAL AIR STATION ALAMEDA
RESTORATION ADVISORY BOARD MEETING AGENDA
December 3, 2002**

(One Page)

RESTORATION ADVISORY BOARD

NAVAL AIR STATION, ALAMEDA

AGENDA

DECEMBER 3, 2002 6:30 PM

ALAMEDA POINT – BUILDING 1 – SUITE 140

COMMUNITY CONFERENCE ROOM

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

MEETING MINUTES AVAILABLE ONLINE AT:
WWW.EFDSW.NAVFAC.NAVY.MIL/ENVIRONMENTAL/ALAMEDAPOINT.HTM

<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	Site 14 Focus Group Update	Lea Loizos
6:45 - 7:05	Sites 30 & 31 Status Update	Rick Weissenborn
7:05 - 7:10	Schedule Community Members Meeting on Early Transfer	Jo Lynne Lee & Lea Loizos
7:10 - 7:20	BCT Activities	Anna-Marie Cook
7:20 - 7:30	Community & RAB Comment Period	Community & RAB
	RAB Meeting Adjournment	
7:30 - 9:00	Informal Discussions with the BCT & Annual RAB Holiday Potluck	

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: December 3, 2002

Please initial by your name

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

* 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					X					✓
David Rheinheimer								X	X			✗
REGULATORY AND OTHER AGENCIES	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Anna-Marie Cook (EPA)	X	*	X	X	X		X	*	X	X	X	<i>amc</i>
David Cooper (EPA)	X	X	X					X				
Judy Huang (RWQCB)								X	*	X	X	<i>JH</i>
Elizabeth Johnson (City of Alameda)	X	X		X	X	**	**	*		X	X	<i>EJ</i>
Marcia Liao (DTSC)			*	X		X	X	X	X	X	*	<i>ML</i>
Laurent Meillier (RWQCB)												<i>LM</i>
Patricia Ryan (DTSC)	X	X	X	X	X	X			X			
Sophia Serda (EPA)					**							
Michael Shields (USCG)								X	X	X	X	
Merry Goodenough (USCG)									X			

* Denotes excused absense

U.S. NAVY	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	
Glenna Clark										X			
Andrew Dick	**			X	X			X	X		X		
Steve Edde	X	X	X	X			X		X		X	<i>SE</i>	
Greg Lorton							X						
Mike McClelland	X	X	X	X		**	X	X	X	X	X		
Tom Pinard	X	X		X	X	X	X	X	X	X		<i>HP</i>	
Rick Weissenborn	X			X	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	X	X	X	X	X	X	<i>X</i>
Tracy Craig	X	X	X			X		X	X	X	X	X	<i>X</i>
Chris Fennessy						X			X				
Jim Helge						X							
Craig Hunter										X			
Marie Rainwater													
Leah Waller	X	X	X										
Corinne Crawley				X									

* 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											
Rezsit Jaulus-Alameda Point Coll.				X		X		X	X	X	X	
Eric Johansen - Bechtel					X							
Ron Rinehart, Pacific States			X	X	X	X	X	X				
Aidan Barry - ACP					X	X	X					
Bill Howell - 3-D Environmental					X	X						
Lee Dodge - LFR							X		X	X		

* Excused absence

** Attended but did not sign roster

* Denotes excused absence

ATTACHMENT C

**NAVAL AIR STATION ALAMEDA
RESTORATION ADVISORY BOARD MEETING HANDOUT MATERIALS**

Sites 30 and 31 Update, 2002. Presented by Rick Weissenborn, Department of the Navy,
Remedial Project Manager. December 3.

Sites 30 and 31 Update, December 3, 2002

(Eight Pages)



**ALAMEDA POINT
ALAMEDA, CALIFORNIA**



What's Next?

Site 30

Groundwater RI/FS Underway

Soil RI/FS under CERCLA

Possible TCRA at Woodstock Child Development Center



ALAMEDA POINT
ALAMEDA, CALIFORNIA



Site 30

Soil PCOCs

PAHs

Groundwater PCOCs

Benzene

Naphthalene



ALAMEDA POINT
ALAMEDA, CALIFORNIA

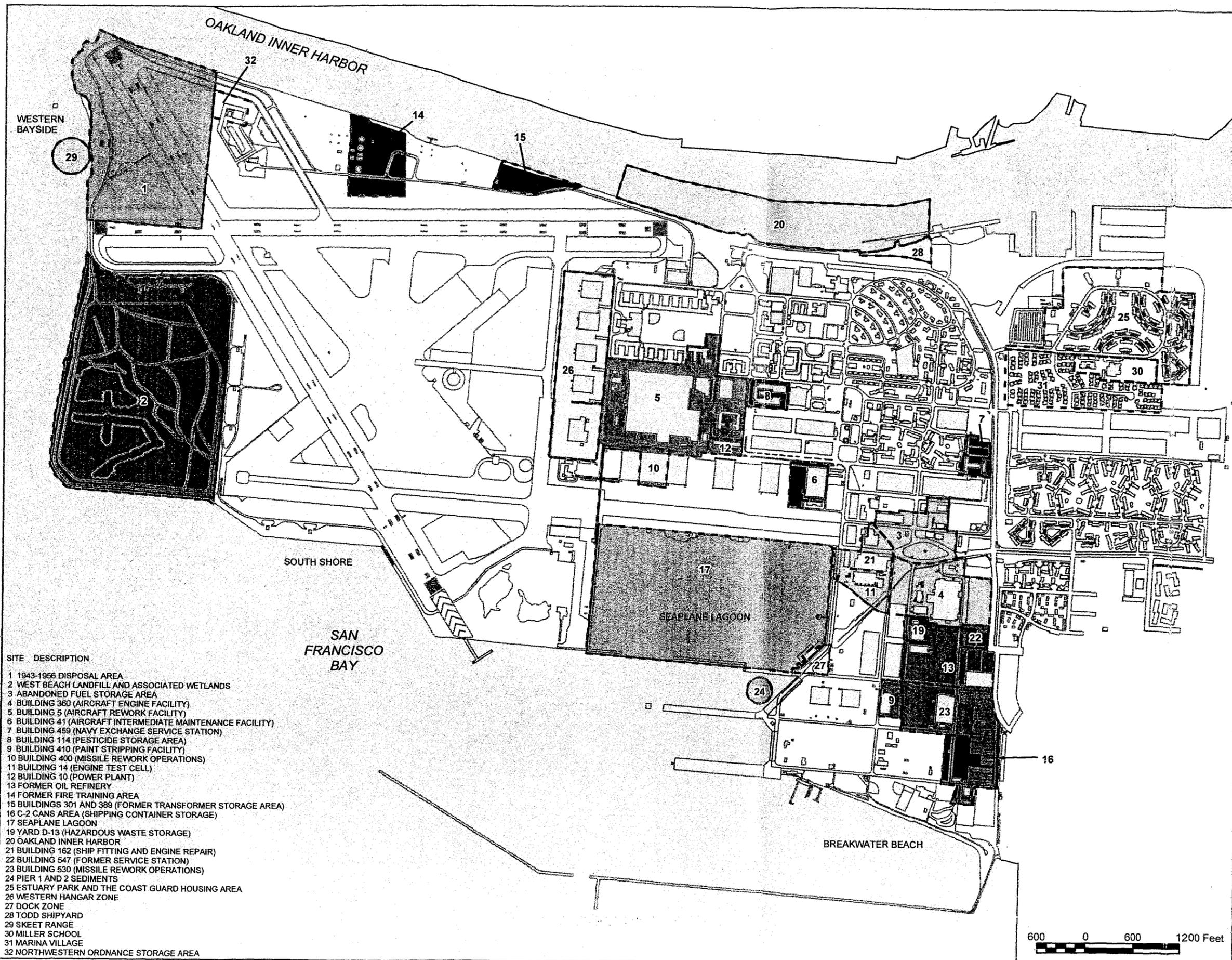


Sites 30 & 31 Status Update

Rick Weissenborn
Remedial Project Manager
NAVFAC Southwest Division

December 3, 2002





- CERCLA SITE
- OPERABLE UNIT 1
- OPERABLE UNIT 2A
- OPERABLE UNIT 2B
- OPERABLE UNIT 2C
- OPERABLE UNIT 3
- OPERABLE UNIT 4A
- OPERABLE UNIT 4B
- OPERABLE UNIT 4C
- OPERABLE UNIT 5
- OPERABLE UNIT 6
- BUILDING
- LAND COVER
- OPEN WATER

Notes:
 CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980

- SITE DESCRIPTION**
- 1 1943-1956 DISPOSAL AREA
 - 2 WEST BEACH LANDFILL AND ASSOCIATED WETLANDS
 - 3 ABANDONED FUEL STORAGE AREA
 - 4 BUILDING 360 (AIRCRAFT ENGINE FACILITY)
 - 5 BUILDING 5 (AIRCRAFT REWORK FACILITY)
 - 6 BUILDING 41 (AIRCRAFT INTERMEDIATE MAINTENANCE FACILITY)
 - 7 BUILDING 459 (NAVY EXCHANGE SERVICE STATION)
 - 8 BUILDING 114 (PESTICIDE STORAGE AREA)
 - 9 BUILDING 410 (PAINT STRIPPING FACILITY)
 - 10 BUILDING 400 (MISSILE REWORK OPERATIONS)
 - 11 BUILDING 14 (ENGINE TEST CELL)
 - 12 BUILDING 10 (POWER PLANT)
 - 13 FORMER OIL REFINERY
 - 14 FORMER FIRE TRAINING AREA
 - 15 BUILDINGS 301 AND 389 (FORMER TRANSFORMER STORAGE AREA)
 - 16 C-2 CANS AREA (SHIPPING CONTAINER STORAGE)
 - 17 SEAPLANE LAGOON
 - 19 YARD D-13 (HAZARDOUS WASTE STORAGE)
 - 20 OAKLAND INNER HARBOR
 - 21 BUILDING 162 (SHIP FITTING AND ENGINE REPAIR)
 - 22 BUILDING 547 (FORMER SERVICE STATION)
 - 23 BUILDING 530 (MISSILE REWORK OPERATIONS)
 - 24 PIER 1 AND 2 SEDIMENTS
 - 25 ESTUARY PARK AND THE COAST GUARD HOUSING AREA
 - 26 WESTERN HANGAR ZONE
 - 27 DOCK ZONE
 - 28 TODD SHIPYARD
 - 29 SKEET RANGE
 - 30 MILLER SCHOOL
 - 31 MARINA VILLAGE
 - 32 NORTHWESTERN ORDNANCE STORAGE AREA



Tetra Tech EM Inc.

Alameda Point
 U.S. Navy Southwest Division, NAVFAC, San Diego

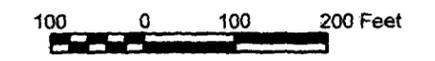
OPERABLE UNITS & CERCLA SITES

600 0 600 1200 Feet



-  CERCLA SITE
-  OPERABLE UNIT 1
-  OPERABLE UNIT 5
-  BUILDING
-  LAND COVER

Notes:
 CERCLA = Comprehensive Environmental
 Response, Compensation, and
 Liability Act of 1980



 Tetra Tech EM Inc.

Alameda Point
 U.S. Navy Southwest Division, NAVFAC, San Diego

CERCLA SITES 30 & 31



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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