

FINAL
NAVAL AIR STATION ALAMEDA RESTORATION ADVISORY BOARD
MEETING SUMMARY

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

December 1, 2005

The following participants attended the meeting:

Co-Chairs:

Thomas Macchiarella	Base Realignment and Closure (BRAC) Program Management Office (PMO) West, BRAC Environmental Coordinator (BEC), Navy Co-chair
Jean Sweeney	Restoration Advisory Board (RAB) Community Co-chair

Attendees:

Jim Barse	Community Member
Doug Biggs	Alameda Point Collaborative Representative
Neil Coe	RAB
Anna-Marie Cook	U.S. Environmental Protection Agency (EPA)
Robert De Luca	RAB Alternate for Ardella Dailey
Margaret Dwain	Community Member
Jamie Hamm	Sullivan International Group (Sullivan)
George Humphreys	RAB
Craig Hunter	Tetra Tech EM Inc. (Tetra Tech)
Elizabeth Johnson	City of Alameda
John Kaiser	Regional Water Quality Control Board (Water Board)
Joan Konrad	RAB
James D. Leach	RAB
Marcia Liao	Department of Toxic Substances Control (DTSC)
John McMillan	Shaw Environmental and Infrastructure Inc. (Shaw)
Samantha Murray	Audubon Society
Kurt Peterson	RAB
Kevin Reilly	RAB
Dale Smith	RAB/Sierra Club/Audubon Society

Jim Sweeney

RAB

Michael John Torrey

RAB/Housing Authority of the City

The meeting agenda is provided in Attachment A.

MEETING SUMMARY

I. Approval of Minutes

Ms. Sweeney called the meeting to order at 6:40 p.m.

Ms. Sweeney asked for comments on the minutes from the RAB meeting held on November 3, 2005. Mr. Humphreys and Ms. Smith provided the following comments:

Mr. Humphreys' comments

- Page 4 of 9, Section III, sixth paragraph; the ninth sentence will be revised to read, "Mr. Carroll responded that the Merritt Sand formation but no Older Bay Mud is encountered."
- Page 8 of 9, first sentence of the first paragraph, will be revised to read, "Mr. Humphreys said that he did not want all of the documents that are commonly provided to the community co-chair and suggested that they be sent directly to the library."
- Page 8 of 9, last paragraph, fifth and sixth sentences will be revised to read, "Mr. Humphreys commented that the present value estimates use a 6 percent interest rate, which he believes is too high because this represents the differences between investment rates and the rates of cost escalation. He continued that the present value future costs become insignificant after 30 years."

Ms. Smith's comment

- Page 5 of 9, the word "on" will be deleted from the second to last full sentence on the page.
- Page 6 of 9, Section IV, fourth sentence of the first paragraph will be revised to read, "...2004 (spring, summer, fall, and winter)."

Mr. Macchiarella mentioned that, as documented in the last paragraph of the November 3, 2005, RAB meeting summary, the RAB called for a vote on whether to support remediation alternatives that would clean up sites on a shorter schedule. All RAB members were in favor; however, there was some confusion between the RAB members who thought that the vote was for Site 27 only, while other members thought that it should be a general approach to all site cleanup, no matter which site is presented. The December meeting was adjourned without clarification on this issue. Mr. Macchiarella asked which RAB members thought they were voting for all future sites. These voters were Mr. Leach, Mr. Humphreys, and Mr. Coe, while the remaining RAB members voted for application only to Site 27. Mr. Leach said that a conversation prior to the vote highlighted the loss of the beneficial use or availability of the land while it was still being cleaned up. Mr. Macchiarella responded that in terms of site availability it makes more sense to vote on a site-by-site basis rather than to establish a basewide position on the cleanup. Mr. Macchiarella noted that some sites might become available for beneficial use by selecting institutional controls (ICs), which may not be the quickest method for cleanup, but could allow for the immediate use of the site. Evaluating different alternatives for each site and deciding which best fits the individual needs of the community is part of the proposed plan (PP) process. Mr. Leach

replied that there are incentive clauses in construction projects for finishing jobs more quickly so that the land can be useful again.

Mr. Reilly said that since he was not present at the previous meeting, he would like to vote for the shortest remediation alternative for Site 27 but that he preferred to consider the alternatives for each individual site before he votes in the future. Ms. Konrad also believed that there would be a greater impact if each site was considered individually. Mr. Macchiarella questioned how the RAB would resolve the confusion noted at the end of the November meeting minutes. Mr. Coe said that the problem is that the RAB is just now formulating an opinion and wonders how the new opinion may apply to old sites where the preferred remediation alternative has already been selected; he prefers only short-term remediation. Mr. Humphreys said that the community as a whole would rather see cleanup sooner than later. He said that, under the current process, the community is not involved in the decision making process until the PP and then the Navy seems surprised that the community wants the fastest remediation alternative. It would make more sense for the Navy to know that the community wants the short-term alternative so that the Navy can direct a solution toward that objective. Mr. Peterson said that the Navy should consider each site individually because conditions change from site to site. Mr. Torrey suggested that the RAB should approve the minutes and hold this discussion over to the Community and RAB Comment Period at the end of the meeting.

Ms. Cook asked Mr. Humphreys about the meaning of “short-term.” Mr. Humphreys responded that he wants the alternative that would clean up the site within 5 years. Ms. Cook said that she is hearing two different opinions from the RAB members: to clean up the site within 5 years or the shortest amount of time, or to make the land useful as soon as possible. Ms. Cook responded that in some cases making the land useful quickly requires implementation of ICs, which are often the longest-term remedy and not a cleanup action. Mr. Humphreys gave the example of the City of Alameda; where the annex has in-place ICs for restricted land use on some of the sites. The City, however, wants to clean up some of these areas so that the sites can be used for unrestricted use and this action will cost the City \$192,000. Therefore, ICs are not relevant if a property will be redeveloped for uses other than those determined by the ICs. Ms. Cook said that these properties were available for reuse if the City wanted to develop these sites with commercial or industrial buildings. However, since the City now wants an unrestricted use, the property must be cleaned up to remove the ICs. Mr. Reilly said that the RAB needs to re-vote and be specific to the alternative for Site 27. Ms. Sweeney questioned whether the RAB would like to re-vote this topic during the RAB discussion period. Mr. Humphreys said that two votes can be made: one is a vote on the short-term alternative for Site 27, and the second that the RAB prefers short-term alternatives to longer ones. Ms. Smith said that this time during the meeting is to be used only for correcting the minutes and this that discussion should take place during the discussion period. She also said that she thought it was suggested by city councilman Mr. Frank Matarrese during the November RAB meeting to take a vote. Mr. Reilly voted to approve the minutes as amended, and Mr. Torrey seconded with the understanding that this topic would be revisited later in the meeting.

II. Co-Chair Announcements

Ms. Sweeney said that she did not have time to type a list of the documents that she had received in November and that she would e-mail the RAB members with this list instead.

Mr. Macchiarella called attention to Mr. De Luca; he will be an alternate for Ardella Dailey, who is the new superintendent of the Alameda School system. However, Ms. Dailey will still attend when her schedule allows.

Mr. Macchiarella noted that the Water Board and DTSC have signed the Federal Facilities Agreement (FFA). Ms. Smith questioned the meaning of the FFA. Mr. Macchiarella said that the FFA is a document the Navy and EPA entered into in 2001, and the Water Board and DTSC have chosen to sign the document within the last month. He also said that the FFA is a set of rules governing the facility schedule of activities, how the agencies interact with one another, and how they communicate; state agencies are also encouraged to adopt the rules but it is not mandatory. It establishes certain protocols with document schedules and the timing of comments on reports. It also sets up the process for showing the agencies the available funding, prioritizing the projects that receive funding, and development of a site management plan (SMP).

Mr. Macchiarella also said that the Navy soon will be mailing out a new Alameda Point Focus newsletter. It is anticipated that the newsletter will be mailed before the beginning of 2006.

Additionally, a public meeting on the PP for Site 26 was held in November, and Mr. Macchiarella believes that only one set of public comments were received on the PP. There will be more PPs at the beginning of 2006.

III. Vote for Community Co-Chair

Mr. Macchiarella thanked Jean and Jim Sweeney for acting as community co-chair and vice co-chair of the RAB for 2005. Nominations for community co-chair were made during the November RAB meeting, and only Mr. Humphreys was nominated. There were no nominations for vice co-chair during the November meeting; however, Mr. Coe agreed to accept the position. The RAB voted unanimously to elect Mr. Humphreys and Mr. Coe to community co-chair and vice co-chair. Mr. Leach also pointed out that Mr. Humphreys is president of the Alameda Senior Golf Club.

IV. Summary of Progress in 2005

Mr. Macchiarella distributed a list of environmental documents prepared for Alameda Point during 2005. The handout, included as Attachment B-1, lists all completed or currently active reports for 2005. Mr. Peterson asked if the documents were on track to meet the schedule in the Navy timeline for each site. Mr. Macchiarella replied that the Navy updates the SMP schedule at the beginning of the year and with the exception of a few schedule extensions the sites are generally on track.

Mr. Macchiarella also distributed a handout for his presentation on the environmental progress at Alameda Point (Attachment B-2). The presentation includes only completed or soon to be completed CERCLA documents, which are identified within groups of different document types that are listed according to the total number of acres they affect. The document groups and acreages include: final site investigations (359 acres); final remedial investigation work plans (226 acres and more than 80 offshore acres); final remedial investigations (RI) at four sites (98 acres); final action memorandums for three sites (27 acres); final feasibility studies for four sites (114 acres); final PPs for Site 15, 26, and 29 (61 acres); a final record of decision for Site 29 (23 acres); and draft PPs for six sites (186 acres). The draft PPs will be available for public comment in the first half of 2006.

Additionally, RAB- and community-related initiatives that were completed include a petroleum tank removal in the Least Tern area, a time-critical removal action at Site 30, the Site 1 technical review meeting, additional sampling requested by the RAB at Economic Development Conveyance (EDC)-5 parcels, clarification of the revised air treatment at Building 397, a RAB tour of certain sites at the base, and additional lead sampling in storm drains near the water towers. Ms. Smith complimented the Navy on removing the petroleum tank in the least tern area. Mr. Torrey asked how many of the final RI sites

required cleanup. Mr. Macchiarella responded that of the four RIs, Operable Unit (OU) 2A, OU-2B, Site 27, and OU-1 will all need to undergo remediation. About a dozen sites are covered within those four RIs.

Mr. Macchiarella distributed a graph (Attachment B-3) illustrating the performance of a total petroleum hydrocarbon removal system to date at Corrective Action Area (CAA) 6, CAA 7, Building 397, Building 530, CAA 4C, and Building 410. Since March 2002, this system, which is connected to several of the CAAs, has removed more than 52 tons of hydrocarbons. Mr. Peterson requested clarification on which site is CAA 4C, and Mr. John McMillan (Shaw) summarized all the sites listed on the graph.

Mr. McMillan said that CAA 4C was a gas station located south of the soccer fields where the contamination is mostly motor oil, Building 530 was a former de-fueling area, Building 410 is jet fuel removal, Building 397 is the location of actuator tunnels, CAA 6 is located by the northeastern corner of Hangar 20, and CAA 7 was the fuel exchange system. Most of the increase in the total hydrocarbon removal is from removal at CAA 4C and Building 410. Mr. Reilly asked about management of the hydrocarbons after removal. Mr. McMillan said that the hydrocarbons are removed in one of three phases. The vapor phase is either passed through carbon filters or a catalytic unit. The liquid phase is passed through an oil/water separator and then through an activated carbon unit. The free product phase is collected and sent for disposal or recycling. Mr. McMillan said that 50 percent of the total hydrocarbons are removed in the liquid phase, while the remainder is in the vapor phase. Mr. Humphreys questioned how much hydrocarbon contamination remains in the ground. Mr. McMillan said that estimating the amount of hydrocarbon contamination that is in the ground is difficult. He said that hydrocarbon removal systems that are operating and removing little hydrocarbon contamination as compared with the beginning of the initial removal may have removed most of the hydrocarbon contamination from the site. Mr. Humphreys questioned whether the system at Site 26 will be connected to the system represented on the graph. Mr. Macchiarella replied that it might not be feasible because of the distance and that the site would have its own system. Mr. McMillan also said that this graph represents contamination that has been physically removed and does not take into account contamination that has naturally attenuated.

V. BCT Activities

Ms. Liao distributed a summary of the November 2005 BCT activities (Attachment B-4). During the monthly BCT meeting, the BCT discussed OU-2C and Site 35. The Navy summarized the agency comments on the draft RI for OU-2C, which includes data gaps, concerns with the analysis of data, and presentation of data and analysis. The BCT will meet soon to scope the additional work. Discussions in this next meeting will focus on the conceptual site model with relation to future land and groundwater use and data gaps that need to be filled to complete the risk assessment and feasibility study.

According to the Navy, the Site 35 draft RI work plan did not receive any agency comments that would delay work. The Navy informed the BCT that the field work would start at the end of November 2005, and a telephone conference was scheduled to resolve any remaining issues.

The proposed project list for fiscal year 2006 includes more than 40 projects. Additional funding will increase the number of removal actions and data collection for the design phase at Alameda Point. Additionally, the Water Board and DTSC signed the FFA, and the Navy and the City have agreed in principle for the early transfer of the base for \$108 million. The City will acquire all but the federally controlled areas, such as the runways. Ms. Johnson said that the City will take over portions of the base as they are cleaned up. Mr. Reilly asked about the target timeline for transfer of the base. Ms. Johnson said that the City hopes to have the agreement in place by the beginning of 2006, and Mr. Macchiarella said that early transfer of the base is tentatively scheduled for some time in 2007. Ms. Sweeney asked

who would clean up the land once it was transferred to the City. Mr. Macchiarella said that certain sites on the base will continue to be cleaned up by the Navy after transfer, while the ARRA would conduct the remediation of other sites and the price of the property reflects this. Mr. Macchiarella suggested that the City and the Navy give a presentation and discussion on the transfer in an upcoming RAB meeting. Ms. Johnson said that the Navy and City are still working out the terms; after they agree on the final terms, then this information can be shared with the RAB members. Ms. Sweeney questioned whether the proceeds from the sale of the Oak Knoll Housing area would go to cleaning up Alameda Point. Mr. Macchiarella did not know if this money would go back to Alameda Point or would be used for other purposes within the Navy.

Mr. Kaiser said that Ms. Huang thanked the Navy for meeting with the BCT to consider the Water Board's environmental screening levels and for approving sampling sediments in the storm sewers because the Water Board is concerned about the effects on Seaplane Lagoon. In addition, aside from the benefits that Mr. Macchiarella listed, the FFA provides a dispute resolution process, which will help all agencies and ensure that the Water Board continues to have an active role in the decision making process at Alameda Point.

VI. Community and RAB Comment Period

Mr. Reilly wanted to clarify the decision for the short-term alternatives that was discussed previously during the approval of the minutes. Ms. Sweeney asked if the RAB wanted to include this item on the agenda for the next meeting. Mr. Macchiarella said that the other suggestion was to seek two motions during the present meeting, the first being a specific vote on the alternative the RAB wanted to recommend for Site 27, the second for an overall RAB opinion on cleanup alternatives for the future. Mr. Reilly asked about the deadlines for comments on Site 27, and Mr. Macchiarella responded that the most important time for public comments is during the PP. However, it is helpful for the Navy to know how the RAB members feel before proceeding to the PP phase. Ms. Konrad responded that it would be a mistake to generalize an opinion on the alternative the RAB prefers when the members do not have all the details for each of the sites. Mr. Macchiarella did not recall a vote on a specific particular alternative for Site 27; he recalled a vote to select an alternative that would clean up the site faster. Mr. Humphreys responded that the vote was in response to Alternative 6B, which was the only alternative that would quickly clean up the site. Mr. Peterson wanted to vote on this alternative only and then discuss a generalized vote for future alternatives. Mr. Peterson called for the motion to choose this alternative, Mr. Torrey seconded it, and the RAB unanimously agreed.

Mr. Reilly commented that he was concerned about the impact of vinyl chloride on the ecological receptors and that the consultants could have more thoroughly explained the evaluation. Mr. Macchiarella responded that the Navy will provide a more complete description of evaluations like these in the future.

Turning back to the conversation on short-term alternatives, Mr. Peterson said that the RAB could make a recommendation that would still lead the RAB to recommend alternatives that would clean up a site on a faster schedule when it is cost effective or when only a slight difference in cost between two alternatives is involved. Ms. Sweeney asked if this suggestion would create a guideline for the RAB. Mr. Coe said that his original motion would indicate how the RAB felt about the progress of the cleanup alternatives in general. He would rather see these sites cleaned up; if cleanup is postponed, he feels that the Navy is delaying. He would like more progress at the base and a measure to indicate projects that have been completed. Mr. Peterson said that the RAB agrees that it is best to clean up the base as quickly as possible. He said that a vote should involve a general statement, such as "the RAB would like the base cleaned up as quickly as possible." Ms. Sweeney said that these proposals involve more than

consideration of the quickest alternative or remedy. Mr. Humphreys gave the example of construction of the Bay Bridge, which would have saved money if there had been an original decision on the bridge. Ms. Smith commented that delays may be involved in cleanup to ensure that the job is completed properly. Mr. Coe said that, sometimes the state-of-the-art technology changes during a project, which might require delays. Mr. Peterson said that he thought that the RAB could have the greatest impact by making a recommendation for the alternative on each site. Mr. Macchiarella noted that comments received on the preferred remedy in the PP are included in the final record of decision (ROD). Ms. Smith said that those comments in the ROD are on a project-by-project basis and that the general consensus of the RAB would not be included in each ROD or each set of meeting minutes, but only in the minutes specific to the meeting where the vote occurred. Mr. Coe reiterated his original motion for a RAB vote on general guidance that all sites at Alameda Point should be cleaned up on a shorter schedule. Mr. Humphreys seconded and the RAB unanimously agreed, except for Ms. Konrad who was opposed, and Mr. Torrey who abstained from voting.

Mr. Biggs acknowledged the Navy and its contractors who have informed residents of environmental activities in the area of Site 35. Flyers have been posted on all resident and business doors, and all questions and complaints have been dealt with quickly and adequately.

There were no further comments, and the meeting was adjourned at 8:15 p.m., followed by the RAB holiday potluck.

ATTACHMENT A

**NAVAL AIR STATION ALAMEDA
RESTORATION ADVISORY BOARD MEETING AGENDA
December 1, 2005**

(One Page)

RESTORATION ADVISORY BOARD

NAVAL AIR STATION, ALAMEDA

AGENDA

DECEMBER 1, 2005, 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 - 6:45	Approval of Minutes	Ms. Jean Sweeney
6:45 - 7:00	Co-Chair Announcements	Co-Chairs
7:00 – 7:10	Vote for Community Co-Chair	Mr. Thomas Macchiarella
7:10 – 7:20	Summary of progress in 2005	Mr. Thomas Macchiarella
7:20 – 7:30	BCT Activities	Ms. Judy Huang
7:30 – 7:45	Community & RAB Comment Period	Community & RAB
	RAB Meeting Adjournment	
7:45 – 8:30	Informal Discussion with BCT/RAB and Holiday Party*	All

*** RAB members may bring small potluck items if they wish**

ATTACHMENT B

NAVAL AIR STATION ALAMEDA RESTORATION ADVISORY BOARD MEETING HANDOUT MATERIALS

- B-1 Nearly Complete Document List related to environmental issues at Alameda Point for Calendar Year 2005, presented by Thomas Macchiarella, Navy. December 1, 2005. (2 pages)
- B-2 Environmental Progress at Alameda Point, presented by Thomas Macchiarella, Navy. December 1, 2005. (2 pages)
- B-3 Hydrocarbon Removal Graph, presented by Thomas Macchiarella, Navy. December 1, 2005. (1 page)
- B-4 November 2005 BCT Activities, presented by Marcia Liao, DTSC. December 1, 2005. (1 page)

ATTACHMENT B-1
NEARLY COMPLETE DOCUMENT LIST RELATED TO ENVIRONMENTAL ISSUES AT
ALAMEDA POINT FOR CALENDAR YEAR 2005
(Two pages)

Nearly Complete Document List related to environmental issues at
Alameda Point for Calendar Year 2005

December 1, 2005

Abbreviated Document Name, Date

In no particular order ...

Record of Decisions:

Final ROD Site 29 (10/7) (9/19 early)

Draft ROD Site 29, 4/20

Proposed Plans

Draft Final PP Site 26 (9/1)

Site 26 Proposed Plan (10/21)

Agency Review Draft Proposed Plan for Site 25 and OU-5 (5-31-05)

Draft PP Site 14 to agencies (10/21)

Draft PP Site 17 to agencies (10/14)

Draft PP OU1 to agencies (10/28)

Draft Final PP Site 15 to agencies (8/26)

Final PP Site 15

Agency Review Draft OU-5/Annex IR-02 Groundwater Proposed Plan (10-31)

Site 28 Draft PP to agencies

Site 29 PP

Agency Review Draft Site 25 Soil Proposed Plan (12/14)

Remedial Investigation Related

Draft Final Site 30 RI Report (9-26)

Draft Final RI Work Plan & SAP for Site 31 (9/28)

Final Site 30 RI Report (10-26)

Final RI Workplan Site 31 RI (10/28)

Draft Final OU2B RI, 5/16

Draft Final RI WP Site 32, 2/7

Final RI WP Site 32

Final RI WP Site 2, 3/2

Draft Final RI WP Site 2

Draft OU-2C RI

Draft Final RI Report OU2A, 3/02

Final RI Report OU2A, 4/1

Draft RI Report Site 27, 3/24

Draft RI WP for Site 31, 4/11

Draft Final Offshore RI WP, 4/26

Draft Site 30 RI Report (3/17)

Site 34 Draft and Final RI Workplans

Draft Sampling plan for Subslab soil gas (Bldgs 14, 113, 162, 163, & 398) (9/7)

Draft Final RI Site 27

Final RI Site 27 (8/24)

Final OU-2B RI

Draft Final Sampling Plan for Subslab soil gas (Bldgs 14, 113, 162, 163, & 398)

Final WP for Offshore RI

Draft Site 35 RI Workplan (10/3)

Feasibility Study Related

Draft Final FS Site 26
Final FS Site 26
Draft Final Site 28 FS
Draft OU2A FS 9/30
Draft Site 28 PP 9/15
Site 1 revised Draft FS Report 5/6
RTCs on Site 26 FS, 2/2
Final Soil FS OU-5, 3/11
Site 14 FS Addendum
Draft FS Site 27 (10/21)
Draft OU-2B FS
Final OU-1 FS
Final Site 26 FS
Final Site 28 FS

Action Memo and Removal Action Related

Final Action Memo Site 30(July)
Final Action Memo Site 9 shallow (2/18)
Draft Action Memo for TCRA Site 30, 3/9
Final Action Memo, TCRA at Site 13. 21 Jan.
Final Work Plan, Site 9 Shallow. 25 Feb.
Draft Field Summary Report, Full Scale In-Situ Chemical Oxidation Removal Action, Site 16 North
Draft Field Summary Report, Full Scale In-Situ Chemical Oxidation Removal Action, Site 16 South
Draft Field Activity Report, DNAPL Source Removal Action, IR 5, Plume 5-1

RCRA

Final Closure Report IWTP 25, Sep 25, 2005
Draft Closure Cert Report IWTP 25, Apr 18, 2005
Final Closure Cert Report IWTP 32, Jul 11, 2005
Final Closure Report IWTP 32, Jun 20, 2005
Draft Closure Cert Report IWTP 32, Mar 30, 2005
Draft Final SWMU Evaluation Report OU 2A, Feb 18, 2005
Final Closure Report & Draft Closure Certification Report IWTP 32 3/30
Revised Draft Closure Report IWTP 25, 4/18

Corrective Action Areas/UST/AST Related

SAP Addendum 1, CAA 11 (11/15)
Construction Completion Report, AST Removal, CAA 11 (07/12)
Final SAP Addendum 1, CAA 13 (07/15)
Field Construction Report, Mini-Storage Storm Drain Repair (04/28)
Construction Completion Report, UST (08/03)
Technical Memorandum, CAAs 6, 7, 11, 13 (10/07)
Technical Memorandum, CAA 7 (07/12)
Technical Memorandum, CAAs 4C, 6 (06/20)
Technical Memorandum, CAAs 6, 7, 11, 13 (10/07)
Technical Memorandum, CAAs 6, 7, 11, 13 (10/07)
Final Plans for Piping Removal at CAA 7, 1/10
Final Plans for Piping Removal at CAA 7, 1/10
Quarterly Tech Memos for petro removal Systems, 1/4
Quarterly Tech Memo for CAA-13, 1/4
Final SAP, CAAs 4C, 6, 7, 11, and 13. 18 Jan.
Final SAP, UST. 23 Mar.
Pre Draft Post-Remediation SMP, CAA 7. 25 Mar.
Pre Draft Project Plan, SAP Addendum 1, Verification Soil Sampling at CAA 13. (5/12)

Site Inspections

Revised Draft SI Report EDC-3, Jul 8, 2005
Revised Draft SI Report PBC-1A, Aug 2, 2005
Final EDC-5 SI 3/16
Draft Final EDC-5 SI, 2/3

Misc

Site 1 draft RAD Survey Report, 3/31
Site 1 Draft Final RAD Survey Report, 6/30
Site 1 Final RAD Survey Report, 8/05
Site 2 draft RAD Survey Report, 3/31
Site 2 Draft Final RAD Survey Report, 6/30
Site 2 Final RAD Survey Report, 8/05
Draft Five Year Review Report for IR02 and Marsh Crust (Aug)
Final Expedited Field Sampling Workplan Sites 1 and 15, 3/14
Final Fall 2004 Tidal Study Sites 1,2 2/10
Final Groundwater Monitoring Data Results Summer 2004
Fall/Winter 2004 Groundwater Monitoring Data Results 3/23
Draft Spring 2005 Groundwater Monitoring Report 7/29
Final Spring 2005 Groundwater Monitoring Report 10/05
Tech Memo Basewide Groundwater Monitoring Program Evaluation 10/25

ATTACHMENT B-2
ENVIRONMENTAL PROGRESS AT ALAMEDA POINT PRESENTATION

(Two Pages)



"2005 at a Glance"

BRAC
PMO WEST

Environmental Progress at Alameda Point

Thomas L. Macchiarella
BRAC Environmental Coordinator
December 1, 2005



Completed CERCLA Documentation

BRAC
PMO WEST

- "Final" Site Investigations: 359 acres
- "Final" Remedial Investigation Workplans:
226 acres plus more than 80 offshore acres
- "Final" Remedial Investigations: 4 sites, 98 acres
- "Final" Action memos: 3 sites, 27 acres



Completed CERCLA Documentation *(continued)*

BRAC
PMO WEST

- "Final" Feasibility Studies: 4 sites, 114 acres
- "Draft" Proposed Plans to agencies: 6 sites, 186 acres
- "Final" Proposed Plans: 3 sites, 61 acres
- "Final" RODs: 1 site, 23 acres



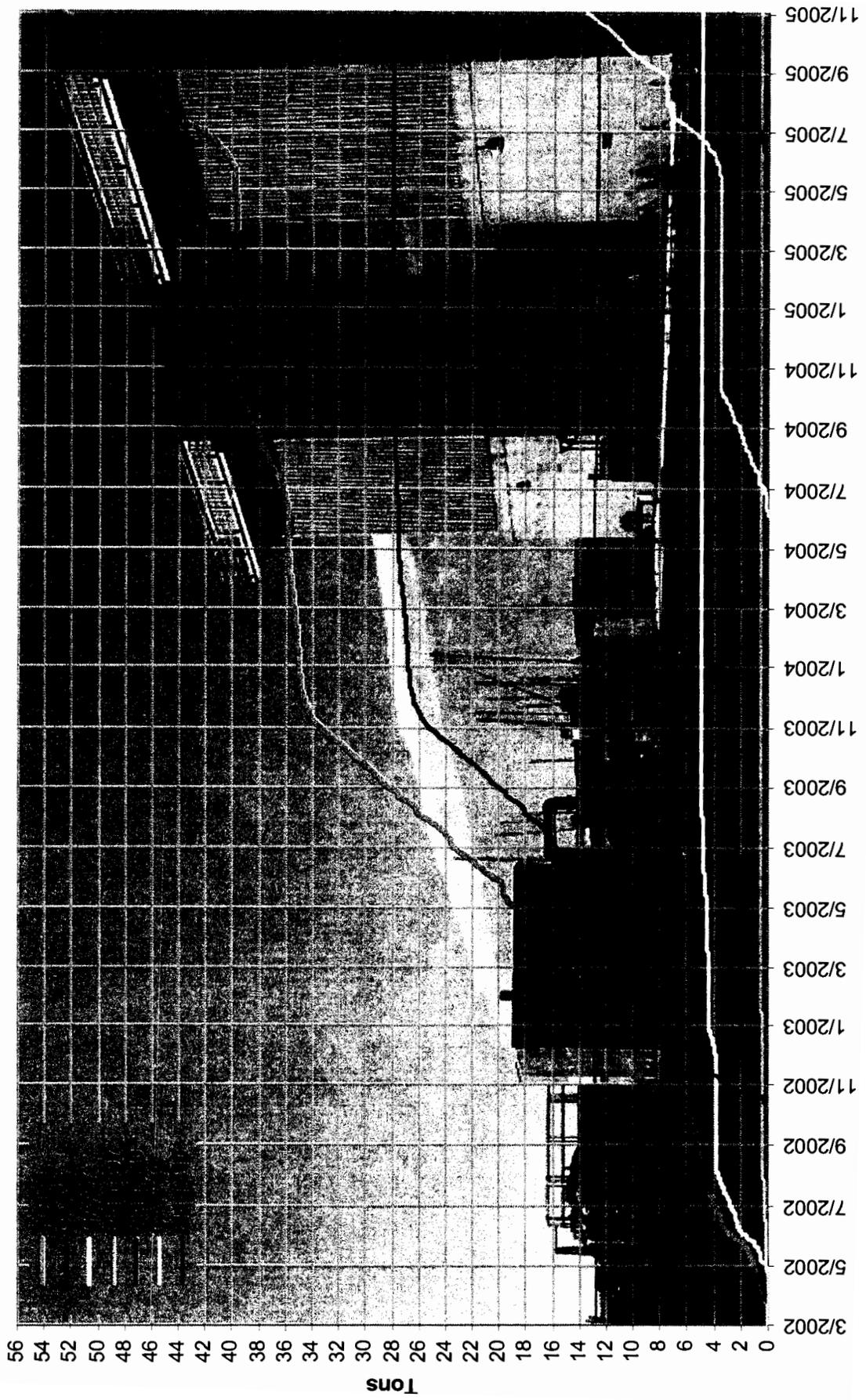
RAB & Community Related Initiatives

BRAC
PMO WEST

- Petroleum tank removal from Least Tern Area
- TCRA at Site 30
- Site 1 Tech Review meeting
- Additional Sampling in EDC-5 Parcels
- Clarification of revised air treatment at Bldg 397
- RAB Tour
- Lead sampling in storm drain near water towers

ATTACHMENT B-3
HYDROCARBON REMOVAL GRAPH
(One Pages)

Hydrocarbon Removal



ATTACHMENT B-4
NOVEMBER 2005 BCT ACTIVITIES
(One Page)

November 2005 BCT Activities

Monthly BCT Meeting (November 15, 2005)

1. **OU-2C:** The Navy summarized the agency comments on the Draft RI which include data gaps, concerns with the analysis of data, and presentation of data and analysis. The BCT will meet in the near future to scope out the additional work. Discussions will focus on the conceptual site model with relation to future land and groundwater use and data gaps necessary to complete the risk assessment and the feasibility study.
2. **Site 35:** The Navy saw no major issues in agency comments on the draft workplan and informed the BCT that the field work was tentatively scheduled to start in a week. A phone conference was scheduled to resolve any remaining differences.
3. **Project List for FY06:** Over 40 projects are planned by the Navy. There will an increase of removal action in FY06. Design phase data collection will also be done.
4. **Others:** Federal Facility Agreement (FFA), Early Transfer

Other Meetings

A phone conference call was held on November 17, 2005 to discuss Site 35 draft RI workplan. Agency comments on the proposed sampling were satisfactorily addressed. Agreements on outstanding issues were reached and include the following:

- **PAHs:** PAHs will be addressed in a manner consistent with that of Site 25
- **Sewers:** Sewers including sanitary sewers and industrial waste lines will be evaluated and the findings will be included in the RI report
- **Groundwater:** Strategies to deal with groundwater plume migrating from neighboring IR sites will be discussed in the work plan.
- **Petroleum:** Strategies to deal with petroleum contamination will be discussed in the workplan.
- **SWMUs:** Sampling points were adjusted. DTSC will conduct a site visit to make the closure determination on a few SWMUs.
- **Transformers:** The Navy will supply appropriate documentation and DTSC will review.
- **Railroads:** The Navy will compile the existing data and address it.
- **Lead-based Paint:** Need management meeting
- **Chlordane:** Need management meeting
- **Detection Limits:** The Navy will provide maps as requested; the maps will be submitted as part of the RI report.