

**MEETING MINUTES
RESTORATION ADVISORY BOARD
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT, CONCORD
CONCORD, CALIFORNIA
JUNE 1, 2005**

These minutes reflect general issues raised, agreements reached, and action items identified at the Restoration Advisory Board (RAB) meeting for Naval Weapons Station (NWS) Seal Beach Detachment, (SBD) Concord, California. The meeting was held from 6:30 p.m. to 8:30 p.m. on June 1, 2005, at the Concord Police Department Community Room in Concord, California. Agreements and action items are described by topic under Sections I through V and are summarized in Section VI. A list of participants and their affiliations is included as Attachment A, and the meeting agenda is included as Attachment B.

I. WELCOME, INTRODUCTIONS, PUBLIC COMMENT, AND AGENDA APPROVAL

Welcome and Introductions

The RAB Community Co-chair, Mary Lou Williams (Concord resident), called the RAB meeting to order and initiated a round of introductions for attendees.

Public Comments

Ms. Williams opened the floor to public comments. Ray O'Brien (Bay Point resident) asked about the future of NWS SBD Concord once the base is transferred to the City of Concord. Margaret Wallerstein, PhD (Navy RAB co-chair), said that the Base Realignment and Closure (BRAC) list will not be final until November 2005, so it premature to speculate about re-use of the base. Mr. O'Brien said that he is concerned about an article in the *Contra Costa Times* on May 31, 2005, that said that NWS SBD Concord would be ready for transfer in 5 years; he wondered if that schedule would allow time to complete the appropriate level of cleanup at the base. Steve Tyahla (Navy) said that the Navy is ultimately responsible for ensuring that NWS SBD Concord is cleaned up. Mr. Tyahla said that the Navy is following the current Site Management Plan (SMP) schedules for the cleanup, as agreed with the U.S. Environmental Protection Agency (EPA). The Navy does not plan the ultimate reuse once properties are disposed by the Navy.

July 2005 RAB Agenda Approval

Ms. Wallerstein reviewed the proposed agenda for the RAB meeting on July 6, 2005, which will take place at the Concord Police Department Community Meeting Room in Concord, California. The Navy plans to provide a presentation on the annual amendment to the SMP. Ms. Wallerstein asked the RAB to approve the July 2005 agenda. The RAB approved the agenda.

II. MAY RAB MEETING MINUTES APPROVAL

Ms. Wallerstein asked the RAB if there were any comments on the meeting minutes for the April 6, 2005, and May 4, 2005. No comments were offered.

Action Item

1. The Navy will distribute the final RAB meeting minutes for April 6, 2005, and May 4, 2005.

III. COMMITTEE REPORTS AND ANNOUNCEMENTS

Ms. Williams opened the floor to committee reports and announcements. Ms. Williams said that David Griffith (Martinez resident) submitted an application to join the RAB as a Martinez resident. Ms. Williams asked the RAB to vote on Mr. Griffith's application. The RAB voted and approved Mr. Griffith's application.

Ms. Williams reminded the RAB members that they need to follow the attendance policy in the RAB bylaws. Each RAB member cannot miss more than three consecutive meetings or four or more meetings in a 1-year period. RAB members who do not meet the attendance requirements can be removed from the board.

Mario Menesini (Walnut Creek resident) suggested that it might be helpful for the Navy to provide a quick review of new documents as they are distributed to the RAB. Ms. Wallerstein said that the Navy generally schedules a presentation close to the beginning of the public review period on documents that are issued to familiarize the RAB with the topic and assist their review. RAB members who have questions while reviewing the documents can call or e-mail Ms. Wallerstein or Mr. Tyahla. Mr. Tyahla suggested that if the RAB members have specific topics in mind that they would like covered at a future meeting they should let the Navy know and it will be worked into the presentation schedule. Mr. Tyahla said if the RAB is interested in more in-depth technical discussion of a document or topic he would be happy to come to Concord to meet with them outside of the regularly scheduled RAB meeting.

IV. REMEDIAL PROJECT MANAGERS (RPM) UPDATE

Navy Update

Mr. Tyahla reviewed the Navy RPM update (Attachment C). Mr. Tyahla said that the Navy issued the draft sampling and analysis plan (SAP) for Site 22 to the agencies and public for review. Mr. Tyahla said that the Navy met with EPA on the informal dispute on requested extensions to the SMP. The Navy and EPA are attempting to resolve the conflicts and have scheduled a second meeting on June 3, 2005, to discuss any outstanding issues. One of the outstanding issues the Navy is trying to resolve involves the construction start date at the Tidal Area Landfill. The Army has restricted access to the Tidal Area until the end of June 2005.

EPA Update

Phillip Ramsey (EPA) summarized the activities and correspondence EPA provided during May 2005.

Mr. Ramsey said that EPA had submitted comments on the excavation footprint described in the engineering evaluation/cost analysis (EE/CA) for Site 31 on May 5, 2005. Gregory Glaser (Danville resident) said that he hopes the Navy considers testing for all of the metals requested by EPA in the comments submitted on the Site 31 EE/CA. Mr. Tyahla said that the Navy plans to provide a response to comments (RTC) for the Site 31 EE/CA as an attachment to the upcoming action memorandum.

Mr. Ramsey said that EPA invoked informal dispute on the draft final feasibility study (FS) for the Solid Waste Management Units (SWMU). EPA has asked for a 30-day extension on the dispute resolution. Mr. Tyahla said that he distributed the Navy's signed and approved extension request to the RAB via e-mail. Mr. Glaser asked EPA to clarify its concerns for the SWMUs FS that caused the agency to invoke the informal dispute process. Mr. Ramsey said that the EPA would like a larger area where use of

groundwater is restricted and indoor air quality protected at the site. EPA is also requesting that the Navy initiate a pilot study to demonstrate that the cleanup options will be effective. Mr. Glaser asked about the cost to alter the restricted area. Mr. Ramsey said that slightly expanding the area would have a minimal cost impact. Mr. Glaser asked which alternative EPA considers the most appropriate at the SWMU sites. Mr. Ramsey said that EPA is not ruling out any alternatives, including the pump-and-treat alternative.

Mr. Ramsey said that EPA provided comments on the Agency for Toxic Substances and Disease Registry (ATSDR) public health assessment.

San Francisco Bay Regional Water Quality Control Board (Water Board) Update

Laurent Meillier (Water Board) reviewed the Water Board RPM update (Attachment C).

Mr. Meillier said that the Water Board attended all of the monthly RPM meetings in May 2005. Mr. Meillier also attended the Underground Storage Tank (UST) RPM meeting on May 18, 2005. During the UST RPM meeting, the Navy committed to creating a schedule for the non-Defense/State Memorandum of Agreement. Mr. Meillier said that the Navy reviewed historical UST documents that the Water Board has in its library during May 2005.

Mr. Meillier said that he reviewed various Bay Area cleanup levels for metals in soil and sediment to provide comments on cleanup levels proposed at Site 30.

V. DRAFT SAP FOR ADDITIONAL SITE 22 REMEDIAL INVESTIGATION – ADDITIONAL FENCE LINE AND MOUNT DIABLO/SEAL CREEK SAMPLING

Joanna Canepa (SulTech) provided an overview of the draft SAP for the additional Site 22 remedial investigation – additional fence line and Mount Diablo/Seal Creek Sampling. The presentation is included as Attachment D.

Kevin Cornish (Lafayette resident) asked when the neighboring houses were built; a community member confirmed that they were built in the 1960s.

Mr. Cornish asked if the ecology of the site is affected by the arsenic in the soil. Ms. Canepa said that a screening-level ecological risk assessment in 2002 showed no unacceptable risk to ecological receptors from arsenic at the site. Arsenic is primarily a risk driver to human health.

The Water Board collected one sediment sample in Mt. Diablo/Seal Creek near where the creek intersects with Port Chicago Highway; the concentration of arsenic in sediment was approximately 5 parts per million (ppm), with is below the background levels of arsenic at the site (10 ppm).

Gordon Monroe (Concord resident) asked how the Navy is plans to control dust at Site 22 during the summer. Ms. Wallerstein said that the Navy usually tills the site before summer begins so that dust is minimized. This year, the soil was still wet when the Navy tilled the site, which minimized dust.

Ms. Williams asked if a different herbicide was used after the 1960s and if the Navy has tested for it. Ms. Canepa confirmed that the Navy tested for a host of different herbicides and pesticides in soil during sampling in 2004.

Mr. Monroe said that he is concerned about the aquifer that is coming from the base through his property. Mr. Monroe would like the Navy to sample the aquifer as well as the groundwater that passes under Building 7SH5. Ms. Canepa said that the Navy tested groundwater at Building 7SH5, and no arsenic was detected in the samples. Ms. Wallerstein said that the properties of arsenic cause it to adhere to the soil rather than seep into the groundwater. Ms. Canepa also explained that the Water Board collected surface water samples from Seal Creek in January 2005. Water quality in Seal Creek from that sampling event met levels considered protective of fish and aquatic invertebrates.

Jessica Hamburger (Contra Costa Resource Conservation District [CCRCD]) said that she is concerned with dust control during the summer when the soil at Site 22 dries out. Mr. Tyahla said that EPA has set benchmarks to protect human health, and that the levels of arsenic in soil at Site 22 do not exceed them.

Mr. Monroe said that he believes that 20 sampling points are not enough to characterize arsenic at Site 22. Ms. Canepa said that the statistician who developed the sampling plan designed the study so that enough samples would be collected to evaluate statistically whether arsenic is elevated in off-site properties.

Wayne Akiyama (Shaw Environmental) asked if the Navy plans to sample the original soil or the fill that has been spread above it. Ms. Canepa said that the Navy is examining current exposure pathways and so will be collecting the surface soil, which may be fill.

Lisa Anich (Friends of Mount Diablo Creek) said that she is concerned that sediment near Mount Diablo/Seal Creek has moved and may be difficult to characterize. Ms. Canepa said that the Navy is focusing on areas where sediment is accreting, and that these areas are the most likely places to find elevated levels of arsenic in sediments, if present.

VII. NEXT MEETING AND ACTION ITEMS

The next RAB meeting is scheduled for 6:30 to 8:30 p.m. on Wednesday, July 6, 2005, at the Concord Police Department Community Meeting Room in Concord, California.

The following action items and agreements were generated during the RAB meeting on June 1, 2005:

No.	Action Item	Target Date for Completion	Completion Date (or Status)
1	The Navy will distribute the final RAB meeting minutes for April 6, 2005 and May 4, 2005.	7/6/05	

ATTACHMENT A

**ATTENDEES AND AFFILIATIONS
RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA**

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**ATTENDEES AND AFFILIATIONS
RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA**

JUNE 1, 2005

<u>Name</u>	<u>Affiliation</u>	<u>Telephone</u>
Wayne Akiyama	Shaw Environmental, Inc.	(925) 288-2003
Lisa Anich	Friends of Mount Diablo Creek	(925) 689-2642
Harry Byrne	Concord Resident	(925) 686-4815
Joanna Canepa	SulTech	(425) 673-3652
David Cooper	EPA	(415) 972-3237
Kevin Cornish*	Lafayette Resident	(925) 296-5540
Michael Fox	MDUSD	(925) 825-7440 X3826
Gregory Glaser*	Danville Resident	(925) 820-2562
Jessica Hamburger*	CCRCD	(925) 672-6522 X118
Carolyn Hunter	SulTech	(415) 222-8297
Ed McGee*	Martinez Resident	(925) 372-7043
Laurent Meillier	Water Board	(510) 622-2440
Mario Menesini*	Walnut Creek Resident	(925) 935-1168
Donna Monroe	Concord Resident	(925) 682-6766
Gordon Monroe	Concord Resident	(925) 682-6766
Ray O'Brien	Bay Point Resident	(925)385-9220
Phillip Ramsey	EPA	(415) 972-3006
Steve Tyahla	IPT West	(650) 746-7451
Libby Vianu	ATSDR	(415) 947-4319
Margaret Wallerstein	Navy RAB Co-chair	(562) 626-7838
Mary Lou Williams*	RAB Community Co-chair	(925) 685-1415

Notes:

ATSDR	Agency for Toxic Substances and Disease Registry
CCRCD	Contra Costa Resource Conservation District
EPA	U.S. Environmental Protection Agency
IPT West	U.S. Navy Integrated Project Team West
RAB	Restoration Advisory Board
Water Board	San Francisco Bay Regional Water Quality Control Board
*	Community RAB Member

ATTACHMENT B

**AGENDA
RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA**

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AGENDA

NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD RESTORATION ADVISORY BOARD MEETING

Wednesday, June 1, 2005

6:30 p.m. – 8:30 p.m.

Concord Police Department Community Room
1350 Galindo Street
Concord, CA 94520

- 6:30 – 6:40 Call to Order
- Welcome
 - Introductions
 - Public Comments
 - July Agenda Approval
- Lead: Community Co-chair
- 6:40 – 6:50 Approval of May 4, 2005 Meeting Minutes
Review Unresolved Business
Lead: Navy Co-chair
- 6:50 - 7:30 Committee Reports/Announcements
- RAB Announcements, Reports or other business
 - Remedial Project Managers' Update (Navy/EPA/DTSC/RWQCB)
- 7:30 – 7:40 Break
- 7:40 – 8:30 Draft SAP for Additional Site 22 Remedial Investigation – Additional Fence line and Mt. Diablo/Seal Creek Sampling
- 8:30 Adjourn

ATTACHMENT C

**NAVY AND SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL
BOARD REMEDIAL PROJECT MANAGER'S UPDATE
RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA**

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***Navy RPM Update for 1 June 2005 meeting of
Naval Weapons Station Seal Beach, Detachment Concord
Restoration Advisory Board (RAB)***

Prepared by Steve Tyahla, Navy Lead Remedial Project Manager

- Summary of Navy Remedial Project Manager (RPM) Activities since the last RAB Meeting held on Wednesday, 4 May 2005.
 - **May 6-** The Navy issued a letter to the U.S. Environmental Protection Agency (EPA) providing revised Figures 2 and 2A to the “*Draft Final Sampling and Analysis Plan (Field Sampling Plan/Quality Assurance Project Plan), Additional Characterization at Site 13 Naval Weapons Station Seal Beach, Detachment Concord*” dated July 2, 2005. [The Navy provided these figures in response to EPA’s letter of April 14, 2005 in which they approved the sampling plan, but requested that the figures be revised to show an expanded site boundary. The Navy’s revised figures show a revised site “Study Area.”]
 - **May 9-** The Navy issued a letter to the EPA providing revised Figures 4, 5, and 6, as well as other sampling plan changes, in order to finalize the Navy’s “*Draft Final Sampling and Analysis Plan (Field Sampling Plan/Quality Assurance Project Plan), for Data Gaps at Tidal Area Sites 2, 9, and 11, Naval Weapons Station Seal Beach, Detachment Concord*” (draft final SAP) dated March 14, 2005. [The Navy met with the EPA, DTSC (CA Dept. of Toxic Substances), RWQCB (CA San Francisco Bay Region Water Quality Control Board), and CA Dept. of Fish and Game to discuss the draft final SAP on April 12, 2005. The changes proposed in this letter are based on that meeting. EPA, via e-mail, has indicated that the changes are satisfactory and they will submit a “letter of concurrence” as requested by the Navy. The fieldwork will start this summer.]
 - **May 12-** The Navy issued a letter to EPA providing the “*Draft Sampling and Analysis Plan (Field Sampling Plan/Quality Assurance Project Plan), Additional Investigation at Site 22-Southwest Fence Line and Seal Creek, Naval Weapons Station Seal Beach, Detachment Concord*” dated May 12, 2005. [This draft sampling plan is the topic of tonight’s technical presentation. It has not yet been reviewed by the regulatory agencies.]
 - **May 13-** The Navy issued a letter to EPA submitting the Final (100%) Remedial Design for the Site 1 Landfill Cover. [The design submission includes construction specifications and contract drawings; and draft final “Closure Plan and Post-Closure Maintenance Plan.”]
 - **May 13-** The Navy issued a letter to EPA providing a “*Draft Technical Memorandum, Evaluation of Methodologies for Deriving Risk-Based, Site-Specific Preliminary Remediation Goals for Litigation Area Sediment, Naval Weapons Station Seal Beach, Detachment Concord*” dated May 13, 2005 (draft PRG tech memo). [This document, while not an “official” deliverable, provides the EPA (and other Agencies) the Navy’s proposed method for determining site-specific, risk-based preliminary remediation goals for sediment in the Litigation Area.]



- **May 13-** The Navy and EPA remedial project managers and their respective supervisors met to discuss the Site Management Plan (SMP) as part of the “informal dispute resolution” process under the FFA. [On April 18 the Navy submitted a request for extensions to the SMP. The EPA responded with a letter of “non-concurrence” on April 25th. The EPA approved or accepted 10 of the 18 requests. The Navy invoked “informal dispute” on April 29th. This May 13th meeting was held to discuss the 8 issues that were not approved by EPA. All but two issues were resolved during this meeting, one was resolved subsequently; a second meeting is scheduled for June 3rd, if still needed.]
- **May 18-** The Navy issued a letter to EPA providing the “*Final Data Gaps Technical Evaluation Report for the Litigation Area, Naval Weapons Station Seal Beach Detachment Concord, Concord, California*” (dated May 18, 2005). [This is a Secondary document under the Federal Facility Agreement (FFA). This data gaps work was performed in response to recommendations included in the Final Five-Year Review Periodic Assessment, Litigation Area of June 30, 2003.]
- **May 18-** The Navy met with the project managers from the EPA, DTSC, and SFBRWQCB. [This was our regular monthly meeting.]
- **May 23-** The Navy RPM attended the Mt. Diablo Creek Watershed Management Plan Kickoff meeting.
- **May 24-** The Navy issued a letter to the EPA providing the Final Meeting Minutes of the April 18, 2005 monthly Remedial Project Managers’ meeting. [These minutes are for the regular monthly project managers’ meeting that is held between the Navy, EPA, DTSC, and SFBRWQCB.]
- **May 31-** The Navy issued a letter to the EPA providing the “*Draft Final Work Plan for the Site 31 Remedial Investigation, Naval Weapons Station Seal Beach, Detachment Concord*” dated May 31, 2005.



California Regional Water Quality Control Board San Francisco Bay Region



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Arnold Schwarzenegger
Governor

RAB Meeting Update June 1 2005

Laurent Meillier RWQCB

I Meetings Attended

✦ May 18th CNWS Plenary Meeting

- ➔ The team discussed the lead concentration criteria used to delineate the risk footprint at Site 30.
- ➔ Water Board staff did further research on Bay Area sites where site specific cleanup criteria were set. In an October 2002. "Development of Presidio-Wide Cleanup Levels for Soil, Sediment, Groundwater and Surface Water" report, Tables 5-14 through 5-21 highlight the following:
 - ➔ Soil PRG non special Status Plant and Wildlife: 300 ppm
 - ➔ Soil PRG special status plant species: 160 ppm
 - ➔ Sediment (freshwater) PRG non special status (aquatic life and wildlife species): 82 ppm
 - ➔ Sediment (marine) PRG non special status (aquatic life and wildlife species): 132 ppm.
 - ➔ Water Board staff noticed that the CNWS site specific value of 268 ppm for Pb (in soils/ sediments) as developed by the delineation of a risk footprint is in the upper range as proposed by the Presidio cleanup levels.

✦ May 18th CNWS UST Meeting

- ➔ Water Board staff discussed with the Navy the access and review of agencies records for USTs correspondence prior to Meillier's tenure. Access was granted to Randy Cate for all records needed to review.

II Documents Reviewed/ Correspondence output

- ✦ Landfill Gas characterization Site 1 TAL
- ✦ Liquefaction Study TAL.