



FINAL NAVAL AIR STATION ALAMEDA Restoration Advisory Board (RAB) Meeting Minutes

April 7, 2011

www.bracpmo.navy.mil

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

The following participants attended the meeting:

Co-Chairs:

Derek Robinson	Base Realignment and Closure (BRAC) Program Management Office (PMO) West, BRAC Environmental Coordinator (BEC), Navy Co-chair
Dale Smith	Restoration Advisory Board (RAB) Community Co-chair

Attendees:

RAB Members

Richard Bangert	Carol Gottstein, M.D.	Daniel Hoy
George Humphreys	Joan Konrad	James Leach
Kurt Peterson	Jean Sweeney	Jim Sweeney
Michael John Torrey		

Community Members/ Public Attendees

Adrian Amaral	Steve Bachofer	Diana Bernales
Susan Galleymore	Gretchen Lipow	Arithoula Loukos

Navy Members

Mary Parker

Navy Project Manager (PM)

Regulatory Agencies

James Fyfe

California Environmental Protection Agency Department
of Toxic Substances Control (DTSC)

Melinda Garvey

U.S. Environmental Protection Agency (EPA)

Xuan-Mai Tran

EPA

John West

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

City of Alameda Representatives

Doug deHaan

Alameda City Council

Peter Russell

Russell Resources/ Alameda Reuse and Redevelopment
Agency (ARRA)

Contractors

John McGuire

Shaw Environmental, Inc.

Campbell Merrifield

Trevet Environmental Consultants

Tommie Jean Valmassy

Tetra Tech EM Inc.

The meeting agenda is provided as [Attachment A](#).

MEETING SUMMARY

Dale Smith (RAB Community Co-chair) called the April 2011 former Naval Air Station Alameda (Alameda Point) RAB meeting to order. Derek Robinson (Navy Co-Chair) welcomed all to the meeting.

I. Approval of March 3, 2011 RAB Meeting Minutes

Ms. Smith asked for comments on the March 2011 RAB meeting minutes.

Michael John Torrey (RAB member) provided the following comments:

- Page 4, last paragraph, second sentence, the sentence “During the question portion of the presentation, Mr. Torrey asked if she had observed either of the two wild turkeys in

Alameda.” Should be revised to “During the question portion of the presentation, Mr. Torrey asked if she had seen any turkeys along the estuary in Alameda.”

- Page 5, second paragraph, first sentence, “Mr. Torrey said the statement in the Seaplane Lagoon fact sheet that polychlorinated biphenyls (PCB) were the only chemical in the Seaplane Lagoon that are responsible for potential human health risks is not true.” Should be revised to “Mr. Torrey said the statement in the Seaplane Lagoon fact sheet (dated January 2011) that ‘Polychlorinated biphenyls (PCB) were the only chemical in the Seaplane Lagoon that are responsible for potential human health risks (through consumption of fish).’ is not true.

Carol Gottstein (RAB member) provided the following comments:

- Page 5, fourth paragraph, first sentence, “Carol Gottstein (RAB member) said she recalls catching the small shiner surfperch in inland lagoons at Alameda Point, which may still be present in the inland lagoons and asked if residents are aware of the concern of PCB levels in fish.” Should be revised to “Carol Gottstein (RAB member) said she recalls catching the small shiner surfperch in inland lagoons at South Shore, which may still be present in the inland lagoons and asked if residents are aware of the concern of PCB levels in fish.”
- Page 5, fourth paragraph, last sentence, “Ms. Taberski said it is usually a local agency that is responsible for posting the signs, so someone from the City of Alameda should be responsible.” Dr. Gottstein asked about the accuracy of that statement, and said the City of Alameda does not appear to have the responsibility to post the signs. The statement will be revised, “Ms. Taberski said it is usually a local agency that is responsible for posting the signs.”
- Page 9, first sentence, the phrase “or names” should be added after “chemical structure” so the sentence is, “Dr. Gottstein asked if the slides could be clarified to show the durations of the proposed remedies, as well as the chemical structure or names of the contaminants of concern.”

George Humphreys (RAB member) provided the following comments:

- Page 6, third paragraph, seventh sentence, the term “dredge soils” should be revised to “dredge spoils”.
- Page 7, first paragraph, second sentence, “Mr. Torrey explained that he recently learned there was a Chevron refinery located in this area in the early 1800’s, which could be a source of the contamination.” Should be revised to “... in the late 1800’s, which could be a source of the contamination.”

- Page 7, third paragraph, tenth line, the typographical error “Ms. Moss” should be revised to “Mr. Moss”.
- Page 7, third paragraph, eleventh line, “for” should be inserted between “alternative” and “this” so the sentence reads “Mr. Moss said that thermal treatment was evaluated and not considered a viable alternative for this site.”

Ms. Smith provided the following comments:

- Page 3, referring to Page 7 of the February minutes, third paragraph, third sentence: Referencing Mr. Humphrey’s statement, “He suspects there were 12 to 15 ships buried and doubts they were removed, so there could still be oil present in the hulls.” Please clarify that he was referring to NAS Alameda, not Bay Farm, as follows, “He suspects there were 12 to 15 ships buried at NAS Alameda and doubts they were removed, so there could still be oil present in the hulls.” Ms. Smith asked if the revision was correct. Mr. Humphreys agreed.

The February 2011 RAB meeting minutes were approved with the modifications from the March RAB meeting as well as the clarification above.

- Page 7, first paragraph, last sentence, Ms. Smith clarified that she did not know there was a large spill and requested the sentence be revised to “Ms. Smith agreed that there was a large jet fuel plume in the area that had previously been cleaned up.”
- Page 8, first paragraph, third word “sites” should be singular, “site”. The sentence which begins on the previous page will be revised as, “She also asked, if there were previous treatments at the site for groundwater, why does it still require additional treatment.”
- Page 8, second paragraph, third sentence, “Mr. deHaan asked if the water were used for drinking water, would it draw from the water bearing zone with contamination.” Should be revised to, “Mr. deHaan asked if the water were used for drinking, would it draw from the water bearing zone containing contamination.”
- Page 9, fourth paragraph, second sentence, the semi-colon following “that” should be a comma, the sentence will be revised as follows, “Mr. Robinson said to do that, Site 32 would have to be added to the IR Site 1 ROD.”

The March 2011 RAB meeting minutes were approved with the above requested modifications.

II. Co-Chair Announcements

Ms. Smith announced after reviewing draft and draft final documents, she saves only figures and CDs once she receives the final version. She said she is willing to loan documents to anyone with an interest in reviewing them.

Ms. Smith asked about the potential federal government furloughs. Mr. Robinson said current remedial actions are fully funded and work will not stop if the federal government is temporarily shut down due to budget negotiation delays.

III. Site 17 Seaplane Lagoon Update

Mary Parker (Navy Project Manager) presented an update of progress to date at Installation Restoration (IR) Site 17, the Seaplane Lagoon ([Attachment B-1](#)). Ms. Smith asked Ms. Parker to clarify that the dredging project was scheduled to begin in January but was delayed until March. Ms. Parker explained that dredging did begin in January, however start up was slow and did not initially operate twenty four hours a day, seven days a week.

Dr. Gottstein asked when the fencing around the site was installed. Ms. Parker said the fencing was installed in January 2011.

Mr. Humphreys asked if the dredging in both the northwest and northeastern portions will be completed before the Least Terns return. Ms. Parker said at this time neither the northeast nor the northwest areas have been completed and the Navy is working closely with the U.S. Fish and Wildlife Service to make sure the Least Terns are not impacted, and that work can continue.

Jim Sweeney (RAB member) asked if the weather had impacted dredging operations. Ms. Parker said yes, weather has impacted operations. She said additional tanks have been brought in to hold rainwater pumped from the drying pads. She also said there have been instances when high winds have forced the crane to stop operating for a time.

Joan Konrad (RAB member) asked how the dredge spoils are transferred to the drying pad. Ms. Parker explained that the dredge picks up the sediments, and deposits them to a barge, and from the barge, a crane is used to move the spoils from the barge onto the drying pad.

Ms. Smith asked why dredged material was being deposited back into the lagoon. Ms. Parker said that is not the practice, but when operations were first beginning, some material was moved from further off shore into the nearshore areas designated for dredging in preparation for the project full-scale operations. She said that material will all be removed and placed in the pad and that area sampled. Ms. Smith asked if the turbidity curtain was in place during the movement of the sediment. Ms. Parker said yes, the curtains were in place and turbidity in the area was monitored.

Ms. Smith asked about the sheen observed during dredging operations. Ms. Parker said the source was the dredged sediment and equipment is in place to control the sheen if it is observed.

Doug deHaan (Alameda City Council) asked about substances of concern coming from the outfall pipes shown in the figures on slide 5. Ms. Parker said the main contaminants of concern are either metals, PCBs, or both. Mr. deHaan asked if there was a concern that radium 226 was in the sediments. Ms. Parker said the sediments will be screened for radiological constituents before disposal. Mr. deHaan asked if the piping leaving Building 5 is an area of concern. Ms. Parker said the piping had been removed from the building to the manhole closest to the shoreline before the outfall and any concerns will be addressed when the northwest area is excavated. Peter Russell (ARRA) clarified that the outfall from line F went to the northwest corner and line G, as shown in the figures on slide 5 went to the northeast corner, and both originate in the vicinity of Buildings 5 and 400.

Ms. Smith asked why the rip rap was being removed from the west side of the Seaplane Lagoon and piled on the shore. Ms. Parker said the rip rap was being removed to access the remaining piping leading to the outfall. She said a sheet pile wall will be installed and the piping and contaminated soil and sediment will be removed.

Mr. Humphreys asked why a clamshell style bucket is shown in one photo and why a backhoe style bucket is shown in another. Ms. Parker said a clamshell style environmental bucket was used in the beginning, but the recovery rates were not good, so a new bucket with a full scoop is now being used.

Ms. Smith asked about the diversion of water from a manhole near Building 5 to a manhole near Building 25. Ms. Parker said stormwater and rainwater had been rerouted from the area of line G until dredging operations in the northeast corner are completed. Ms. Smith asked if the manholes that are being used to reroute stormwater connect to line F. Ms. Parker said they do not connect to line F.

Ms. Smith asked if sediment drying is not scheduled for completion until October 2011, is it feasible that restoration and demobilization will be completed by January 2012. Ms. Parker said the sediment drying process will be ongoing while dredging continues, so hopefully this schedule will be met.

Gretchen Lipow (Community member) asked for an explanation of the drying process. Ms. Parker explained the sediment removed by the dredge is very silty and has a large amount of water within it. Pumps are used to remove as much water as possible from the dewatering pad, and then the sediment is turned and moved about to promote drying. Ms. Parker said a lower moisture content is required to complete the radiological scans planned for each six inch layer. Once the radiological screen is completed, sediment will be characterized for any chemicals of concern. Ms. Lipow asked if the soil will be disposed of following the characterization. Ms. Parker said yes, the sediment will then be disposed of, as required.

Mr. deHaan asked if the Navy expects to find any contamination of the initial dredge areas, either deeper or beyond the footprint. Ms. Parker said no, because multiple samples were collected and additional sampling was conducted in 2010 in an expanded area, including sidewall and edge samples as agreed in the sampling and analysis plan that the BCT approved. Mr. deHaan asked if the dredge material will be segregated for sampling. Ms. Parker said yes, it will be segregated for sampling.

Richard Bangert (RAB member) asked if the moisture content is a concern for screening as opposed to additional weight for transportation. Ms. Parker said moisture content is important for both of those reasons. Mr. Bangert asked if a moisture meter will be used. Ms. Parker said yes, a moisture meter will be used.

Mr. Humphreys asked if the work will be completed by October, the beginning of the rainy season. Ms. Parker said drying will begin in May, and samples will be collected before materials are transported off site for disposal in increments. She said that most of the material will be off-site before October.

Mr. deHaan asked how often in dredging projects it is necessary to perform additional dredging in an area based on sample results. Mr. Robinson said additional dredging is not anticipated, and said remobilization costs are a concern. Mr. Robinson said he does not have an example of a similar dredging project, as this is a unique project, so it is not possible to say whether additional dredging is common. Ms. Parker said there is good data available at the depths in question. In the event additional dredging is necessary, the sampling and analysis plan addresses the issue. Ms. Smith asked how the vertical extent was determined. Ms. Parker said it was based on analytical results from numerous sampling cores.

Steve Bachofer (Community member) asked if there will be follow up testing in the northeast excavation so remobilization will not be required. Ms. Parker said the plan is for the northeast dredging to be completed, and samples collected and analyzed while the equipment is completing the northwest dredging, so there will be an opportunity to move back to the northeast area, if necessary. Mr. Bangert asked when the sheet piling will be installed. Ms. Parker said that work is beginning now.

IV. Miscellaneous RAB Topics

(a) RAB Meeting Agenda

Mr. Robinson asked the RAB to consider the timing of the standing RAB and Community comment period agenda item. Specifically, he suggested moving it to the beginning of the meeting in an effort to make sure there is adequate time for comments. Ms. Smith said the Navy is proposing to move the approval of meeting minutes to the end of the meeting, and begin the meeting with the standard welcome, introductions, announcements, comments, followed by the technical presentations, then a BCT update, and meeting minutes approval. Mr. Humphreys said meeting minutes are usually approved at the beginning of a meeting. Ms. Smith said the

Alameda City Council approves minutes at the beginning of the meeting. Mr. deHaan said Alameda City Council addresses public comments and then approves meeting minutes. Ms. Smith said community members do not comment on meeting minutes. The RAB approved moving the community comment period to the beginning of the meeting and the approval of meeting minutes after the BCT update at the end of the meeting.

Ms. Smith said with the comment period at the beginning of the meeting, there is a lack of opportunity to comment on material contained in presentations. Jean Sweeney (RAB member) suggested a comment period be included at both the beginning and end of the meeting. Ms. Smith said making time for an additional comment period might have negative impact on the amount of time dedicated to presentations and discussions of ongoing projects. Mr. Robinson said a comment period could be offered and questions could be taken during presentations, and any outstanding comments could be addressed at the next meeting. John West (Water Board) suggested providing comment cards to be completed at the beginning of a meeting. Mr. Robinson said comment cards could be collected at the beginning of the meeting, and if a comment was not addressed during the meeting, a card could be completed for the next meeting. Mr. Humphreys said the dialogue that often comes out of the comment period will be lost with the use of comment cards. Mr. West said comment cards can be used to identify who wants to speak and on what topics to help adjust agenda item timing. Mr. Bangert said the comment period could be fifteen minutes at the beginning and then after the presentation. Mrs. Sweeney moved that comment cards should be used and there should be a comment period at the beginning of the meeting, with comments again at the end as time allows. The RAB approved the motion.

(b) RAB Membership

Mr. Robinson said five RAB members have not attended a meeting in over a year. He attempted to contact each, but was unable to locate current contact information for two of them. Mrs. Sweeney said according to RAB guidelines, if a RAB member does not attend three meetings in a year members may vote to remove the member from the RAB. The RAB voted to remove Ardella Dailey, Tony Dover, Bill Smith and Luann Tetirick as RAB members, and they will no longer receive RAB packets. Bert Morgan will remain on the RAB and on the mailing list as he has a conflict and cannot attend Thursday evening meetings.

(c) Document Distribution

Ms. Smith asked the RAB members if they use the document she prepares that lists documents she has received, and asked if she should continue to prepare the document, and if RAB members would be willing to receive it electronically. The RAB members agreed the document is useful, and those with electronic capabilities would prefer to receive it by email. Ms. Smith will continue to produce the list of documents received and distribute by email to RAB members with email accounts, and by hard copy to those that do not have access to email.

Ms. Smith asked RAB members if they also use the upcoming deliverables and active and upcoming fieldwork schedule ([Attachment B-2](#)) prepared by the Navy. Mrs. Sweeney commented the document is useful. The Navy will continue to prepare and distribute both schedules. Ms. Smith requested the deliverable and fieldwork schedules presented at the RAB meetings be updated for the upcoming BCT meeting, not a copy of what was presented at the previous BCT meeting.

Mrs. Sweeney said it is not necessary to include color copies in the RAB packets if attachments were handed out at the previous meeting in color. Mr. Humphreys requested that all maps, figures, and aerial photos be reproduced as separate pages at least 8 ½ by 11 inches, or 11 by 17 inches if there are small details, rather than just handed out as one of two slides on a page, as they are too difficult to see that way.

(d) Future Topics

Mr. Robinson reviewed the list of presentation topics previously requested, which is included in the action items list. He asked what additional presentations the RAB would like to hear. He said the RAB could also request a presentation for a document listed on the upcoming document list if they thought it would be useful. He said the Site 1 Radiological Remedial Design/Remedial Action Work Plan presentation is on hold until the Record of Decision (ROD) amendment is completed, so the item will be removed from the list and brought back after the amendment is completed. Mr. Robinson reviewed other presentation requests listed, including the Injection-Extraction Field Design, IR Site 25 Plume Status Tracking, and the Site Characterization Analysis Penetrometer System (SCAPS) Survey of Tarry Refinery Waste (TRW). He asked for other suggestions for presentations. Mr. Humphreys asked what the decision was at IR Site 25. Mr. Robinson said no decision has been made. Ms. Smith said the IR Site 25 presentation should be considered, and was not sure why the SCAPS presentation was included as the work was completed four or five years ago, so the SCAPS topic will be removed from the list.

Mr. Humphreys asked why the TRW was not discussed during the presentation on OU-2A last month. Mr. Robinson explained contaminants are addressed when there is a risk attached to the contaminant. The TRW at OU-2A was not addressed because there is no risk, under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), associated with the waste that remains in place. He said the TRW has been sampled extensively and is similar to asphalt. Mr. Humphreys asked if the asphalt contains aromatic hydrocarbons, and stated that just because it is common material does not mean it does not have any risk associated with it. He added that a lot of refinery wastes are acidic. Mr. Robinson said there is possibly a disposal issue if, for example, during future construction it is determined that compaction of the ground was not sufficient, the developer will have to dispose of the TRW. He said the Navy sampled extensively in the area of OU2A where TRW is found and determined there is no risk associated with it. Mr. Sweeney asked if the area could be used for residential or commercial development and whether the Navy has an obligation for the TRW. Mr. Robinson said the developer will potentially have to dispose of the TRW. He said the Navy studied the possibility of selling the TRW to a company for reprocessing to turn it into street material.

James Leach (RAB member) said he had made a comment previously about an injection-extraction methodology that was backwards as presented, in other words, the material was being dispersed instead of extracted. He said nature shows that the injection wells should be on the outside pushing to the center where extraction wells are placed, and the opposite was occurring. He asked what the follow up on his comment was, and if a presentation could be scheduled. Ms. Smith asked Mr. Leach if he would be willing to participate in a presentation to discuss his position on the design. Mr. Robinson said a presentation on injection-extraction field design is on the schedule. He said another method to comment on the methodology would be to submit written comments on a draft document. Mr. Leach said he had made a comment and was told the matter would be reviewed and there would be a presentation with the results of the review of the design, which never happened. Mr. Robinson said it is on the list of presentations to schedule. He asked for additional topic suggestions.

Mr. Bangert said based on comments on the OU-2C Feasibility Study remedial alternatives, he is requesting a presentation on the costs of demolition of Buildings 5 and 5A, and a discussion of the feasibility of the demolition. Mr. Robinson said an OU-2C discussion on Building 5 and demolition will be added to the list. Mr. Bangert said there are a number of unanswered questions, for example, the statement was made that money cannot be spent for improvements to the land. He asked if there were some way that the Navy could find a way to make what might be considered improvements if the community is interested. Mr. Robinson said the contractor reviewed the costs for the demolition and an additional alternative might be added for OU-2C. Mr. Robinson said a round table discussion focused on OU-2C alternatives will be added to a future RAB agenda once the information is available.

Ms. Smith asked if there is interest in an update on IR Site 25 status, the plume extending from College of Alameda to the area near Main Street. Mrs. Sweeney said it would be of interest to have an update on the site. Ms. Smith said the site is part of the Fleet and Industrial Supply Center Oakland, Alameda Facility/Alameda Annex (FISCA) and asked Dr. Russell for an update on residential reuse on top of contamination. Dr. Russell said plans developed two years ago included a large residential reuse portion, except over the benzene/naphthalene plume. He said an addendum to the Feasibility Study, including a human health risk assessment and remedial action plan, was prepared that included the area over the plume for residential reuse. He said DTSC approved the remedy in the addendum until cleanup goals are met. He said the interim remedy for sub-slab depressurization or similar technique will allow for residential reuse by not allowing a vapor intrusion path to cause an unacceptable human health risk. This is the approach used at Shinsei Gardens. Ms. Smith said more residences will be placed on a contaminated site with a vapor intrusion mitigation system that is not likely to work. Mrs. Sweeney asked if the technology was working at Shinsei Gardens. Ms. Smith said it is working, but it is not tested over the long-term. Dr. Russell said the system is working and the technology has been proven to interrupt the path with proper design and maintenance. The remedy has been approved as an interim remedy and the cleanup goals in the ROD require groundwater meet drinking water standards, which are below levels where vapor intrusion will be a risk even without a vapor barrier. Mrs. Sweeney asked if the residences would be near the plume related to Beery's old establishment where natural attenuation was the selected remedy. Dr. Russell said it was a different area, and the plume was a petroleum plume different from the solvent plume. Ms.

Smith said IR Site 25 is a topic of interest and should be maintained on the list. Mr. Robinson asked RAB members to contact him with any more suggestions for RAB meeting presentations.

V. July Tour Planning

Mr. Robinson said typically there is no July RAB meeting because the date is close to the July 4th holiday. He said in place of a July RAB meeting there is an opportunity for a tour. He asked if this is acceptable, what dates will be acceptable for a tour, typically held on a Saturday. He suggested July 16th. The RAB agreed July 16th was acceptable.

Mr. Robinson asked for suggestions for sites to see. Mrs. Sweeney asked to tour the Seaplane Lagoon. Mr. Bangert suggested IR Site 2. Mrs. Sweeney agreed, IR Sites 1 and 2. Mr. Humphreys suggested Buildings 5 and 5A. Mrs. Sweeney suggested Building 400. Mr. Sweeney suggested Building 41. Mr. Sweeney suggested IR Site 6. Kurt Peterson (RAB member) suggested IR Site 2. Ms. Smith said IR Sites 1 and 2 are not preferred because of decontamination requirements. Mr. Robinson said he will make an effort to schedule the tour to see the sites requested.

Mr. Torrey asked what time the tour will begin. Mr. Robinson said the tour will start at the same time this year, 8:45 A.M. meet at the bus, and the bus will depart at 9:00 A.M.

VI. Community and RAB Comment Period

Mrs. Sweeney asked Mr. West about the action item to identify whether any petroleum is in the Seaplane Lagoon because of the nearby petroleum lines. Mr. West will provide an electronic copy of the petroleum pipeline map around the tarmac provided in the petroleum management plan and bring copies to the May RAB meeting. Mrs. Sweeney asked if the petroleum found in material extracted from the Seaplane Lagoon in the three rubble piles had come from the petroleum pipelines. Mr. West said the origins of the hydrocarbons found are unknown at this time. He said he will provide electronic copies of the schematics of pipelines and will provide two hard copies at the next RAB meeting for RAB members who do not receive files electronically.

Mr. Robinson reviewed the remaining action items from the March RAB meeting. He said the list of regular contactors and site contacts has been provided to Mr. Biggs, so Item 8, "RAB requested a list of regular contractors and site contacts" is complete. He said new RAB member packets were distributed, so Item 10, "Mr. Robinson will distribute new RAB member packets" is also complete, and both items will be updated.

The meeting was adjourned at 8:30 PM. The next RAB meeting will be held at 6:30pm on Thursday May 5, 2011, at 950 West Mall Square, Alameda.

Action Items

Action Items:	Previous Item #/ Action Item Status/ Action Item Due Date:	Initiated by:	Responsible Person:
<p>1. Request for Presentations: a. Site 25 Plume Status Tracking b. OU-2C, Building 5/5A Demolition Costs and Feasibility Postponed Presentations (pending further action or information prior to scheduling the presentation): 1. Site 1 Radiological RD/RA work plan</p>	<p>a./ Pending / April 7, 2011 b./ Pending / April 7, 2011</p>	<p>RAB</p>	<p>Mr. Robinson</p>
<p>2. Provide as-built specifications on the Sites 5 and 10 storm drain replacement to the City of Alameda Public Works</p>	<p>2/ Pending/ April 7, 2011</p>	<p>Mr. Matarrese</p>	<p>Mr. Robinson</p>
<p>3. RAB requested a list of regular contractors and site contacts</p>	<p>8/ Complete / April 7, 2011</p>	<p>Mr. Biggs</p>	<p>Mr. Robinson</p>
<p>4. Follow up on status of fuel lines along seaplane lagoon apron</p>	<p>9/ Pending / April 7, 2011</p>	<p>Mrs. Sweeney</p>	<p>Mr. West</p>
<p>5. Mr. Robinson will distribute new RAB member packets</p>	<p>10/ Complete/ April 7, 2011</p>	<p>Mr. Robinson</p>	<p>Mr. Robinson</p>
<p>6. Mr. Fyfe and Mr. West will check on responsibility of City of Alameda to post signs warning about consumption of fish near the Seaplane Lagoon.</p>	<p>Pending/ May 5, 2011</p>	<p>Dr. Gottstein</p>	<p>Mr. Fyfe, Mr. West</p>

ATTACHMENT A

**NAVAL AIR STATION ALAMEDA RESTORATION ADVISORY BOARD MEETING
AGENDA, APRIL 7, 2011, (1 PAGE)**

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RESTORATION ADVISORY BOARD

NAVAL AIR STATION, ALAMEDA

AGENDA

APRIL 7, 2011, 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	Dale Smith
6:45 – 7:00	Co-Chair Announcements	Co-Chairs
7:00 – 7:30	Site 17 Seaplane Lagoon Update	Mary Parker
7:30 – 7:50	Misc. RAB Topics (Document distribution, RAB meeting agenda, future topics)	RAB
7:50 – 8:10	July Tour Planning	RAB/Community
8:10 – 8:30	RAB/Community Comments	RAB/Community
8:30	RAB Meeting Adjournment	

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ATTACHMENT B-1

SITE 17 SEAPLANE LAGOON UPDATE (13 SLIDES)

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Welcome



Site 17 Seaplane Lagoon Update Alameda Point, CA

**Mary Parker, Project Manager
Restoration Advisory Board Meeting
April 7, 2011**



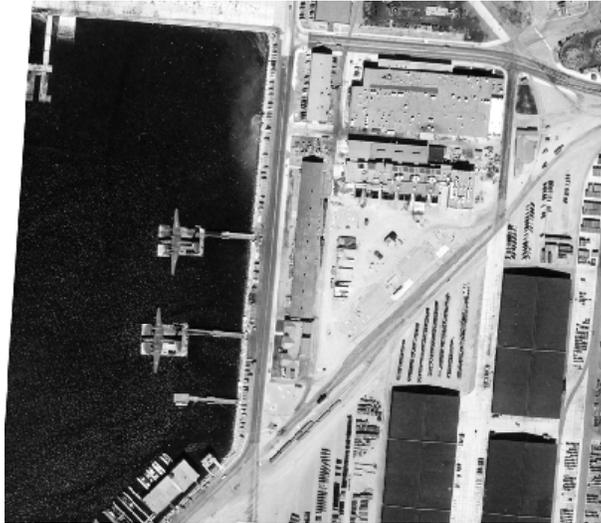
Purpose



Update the Restoration Advisory Board (RAB) members and public attendees on the Seaplane Lagoon (Site 17) progress to date and remaining work



History: 1949 Aerial Photograph



Sediment Clean-Up



- Sediments in northeastern and northwestern corners of the lagoon are contaminated as the result of historical discharges through the storm drain system
 - In the northeastern corner, 6.5 acres (52,000 cubic yards) are identified for removal
 - In the northwestern corner, 3.3 acres (27,000 cubic yards) are identified for removal
- Contaminants include certain metals, pesticides, PCBs, and radium-226
- Removal by dredging

Sediment Clean-Up

5

Set-Up

 **Dredger** 



CAUTION
NO TRESPASSING

 **Sediment Removal** 



 **1943 Anchor and Landing Gear** 



A photograph showing a large, rusted anchor and landing gear assembly on a concrete deck. The anchor is a large, dark metal structure with a prominent shank and a fluke. It is connected to a heavy-duty landing gear mechanism, which includes a large, circular drum and various mechanical components. The assembly is situated on a concrete surface, and a yellow crane hook is visible in the background, suggesting it is being lifted or moved. The scene is outdoors, with a body of water visible in the distance.

 **Northeast Dewatering Pad** 



2011/03/31 04:51 PM

A photograph showing a large, rectangular dewatering pad. The pad is a large, flat, concrete structure with a pool of water in the foreground. The water is a light blue color. The pad is surrounded by a concrete wall, and there are several large, cylindrical tanks or containers in the background. The scene is outdoors, with a building visible in the distance. A timestamp in the bottom right corner reads "2011/03/31 04:51 PM".



Overall Process



- Remove sediment/debris
- Collect and treat wastewater
- Discharge treated water to Seaplane Lagoon or use for dust control
- Radiologically screen sediment/debris
- Characterize and properly dispose solid waste



Schedule



- Dredging began in January 2011 and is expected to be completed in June 2011
- Drying is scheduled to be completed in October 2011
- Restoration and demobilization is scheduled for January 2012



Discussion



Questions?

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ATTACHMENT B-2

**RECENT AND UPCOMING DELIVERABLES AND FIELDWORK SCHEDULE
(2 PAGES)**

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**Recent and Upcoming Deliverables, March 15, 2011
Alameda Point, Alameda, CA**

Recent		
Site	Document	Transmittal Date
Site 34	Draft Final ROD	3/11/2011
Basewide	Draft CERCLA 5-Year Review	2/21/2011

Upcoming		
Site	Document	Transmittal Date
OU-2A	Final FS Report	4/8/2011
Site 34	Final ROD	4/11/2011
EDC-17	Draft Final Addendum to Final Site Inspection Report	3/21/2011
EDC-12	Draft Final Addendum to Final Site Inspection Report	3/21/2011
OU-2B	Draft Final FS	3/26/2011
OU-2C	Draft Final FS	4/8/2011
OU-2C	Draft Storm Drain FS Addendum	7/28/2011

Active and Upcoming Fieldwork, March 15, 2011
Alameda Point, Alameda, CA

Sites	Start	End*	Description of Fieldwork
Site 1	9/30/2010	periodic sampling	Groundwater Pilot Test
Site 28 RA	3/11/2011	3/12/2011	Ongoing groundwater monitoring (2nd "quarterly" round) (delayed due to field conditions)
Site 2 Pre-design Investigation	3/14/2011	4/6/2011	Pre-design investigation in support of RD (soil gas sampling, geophysical sampling, trenching, etc) -- delayed due to field conditions.
OU2A & 2B	3/8/2011	4/8/2011	Data Gaps Sampling
Site 4	4/1/2011	5/15/2011	Plume 4-1 TS DNAPL/Hydrogeological assessment: Enhanced Dissolution Test/ tracer tests
Site 35 RA	3/24/2011	5/30/2011	Pre-excavation sampling, site excavation, verification sampling, site restoration, and associated field activities
OU-1	5/1/2011	5/31/2011	Performance Groundwater Monitoring IR Sites 6 and 16, OU-1
Site 24	5/8/2011	6/8/2011	Pre-design sampling
Site 32	5/2/2011	7/15/2011	Radiological Characterization Survey and Sampling
Site 17 Remediation	9/13/2010	12/31/2011	Land support facilities construction began October 18, 2010. Mobilization for IR Site 17 source control remedial activities began the week of November 29, 2010. Dredging began in January 2011 and is in progress.
Site 21 (OU-2B)	1/1/2011	2/1/2012	Wells sampled and decommissioned. Continuing pre-con of SPH dual cell array/ Bldg 162 wall demo/ install power lines
OU-5/FISCA IR02 Remediation	10/6/2008	10/6/2012	Biosparge / vapor extraction system Eastern Biosparge Area construction completed May 2009; Marina Village Western Biosparge Area biosparge area construction completed 10/6/2009. Treatment system running well. Calculated mass reduction of 2,822 pounds of benzene and 69,961 pounds of naphthalene after ~1 year of operation for the Eastern Biosparge Area. Variable frequency drives contributing to efficiency.

* Ordered by End Date