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ALAMEDA POINT
SSIC. NO. 5090.3

FINAL NAVAL AIR STATION ALAMEDA RESTORATION ADVISORY BOARD MEETING SUMMARY

http://www.efdsw.navfac.navy.mil/environmental/AlamedaPoint.htm
Building 1, Suite 140, Community Conference Room
Alameda Point
Alameda, California

June 3, 2003

ATTENDEES

See attached list.

MEETING SUMMARY

I. Approval of Minutes

Bert Morgan, Community Co-chair, called the meeting to order at 6:32 p.m.

Mr. Morgan asked for comments on the May 6, 2003, Restoration Advisory Board (RAB) meeting minutes. The minutes were approved, with the following corrections:

George Humphreys, Co-chair, made the following comments:

- On Page 1 of 11, last paragraph, "Mr. Coe previously was a chairman of the appeals court." should be revised to "Mr. Coe presently is a chairman of the Housing and Building Code Hearing and Appeals Board."

- On Page 5 of 11, last full paragraph, "...if vinyl chloride were in the gas phase it would reach the soil." should be revised to "...if vinyl chloride is in the liquid phase it would also be present in the soil gas."

- On Page 7 of 11, Section V, first paragraph, "...RPM for the Sis is Rick Weissenborn's..." should be revised to "...RPM for the SIs is Rick Weissenborn's..."

- On Page 8 of 11, third full paragraph, remove the comment in parentheses.

- In Attachment B, Glenna Clark should be marked in attendance.

Elizabeth Johnson, made the following comment:

- On Page 11 of 11, first partial paragraph, "...where the City has to get all documents together, including regulatory documents, the Federal Facilities Agreement, the FOSET, and contract documents. IRG oversee this process." should be revised to "...where the City has to coordinate documents together, including regulatory documents, the Federal Facilities Agreement, the FOSET, and contract documents. Attorneys oversee this process."

Dale Smith asked for an explanation on the why agricultural grade topsoil was used as backfill in the Coast Guard Housing removal action as presented in an attachment to May's meeting minutes. Mike McClelland, Navy Co-chair, stated the Navy had difficulty finding suitable soil. The soil used for the backfill was very carefully selected. However, he is not certain why it was called agricultural grade topsoil.

II. Co-Chair Announcements

Mr. Morgan made the following announcements.

The following documents are available for review in the Repository:

- Site 5-1 dense nonaqueous-phase liquid (DNAPL) Removal Pilot Test Report
- Draft Workplan for Assessment of polynuclear aromatic hydrocarbon (PAH) Contamination at Selected Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Sites and Environmental Baseline Survey (EBS) Parcels
- Final Removal Action Workplan, West Housing Area
- Final Sampling and Analysis Plan, Full-scale Operation and Dual Vacuum Extraction at Corrective Action Areas (CAA) 7 and 13.
- Status of Aboveground Storage Tanks
- Technical Memorandum: Evaluation of Issues Related to the Resource Conservation and Recovery Act (RCRA) Facility Permit U.S. Environmental Protection Agency (EPA) ID CA 2170023236, Tiered Permits, and the Nonpermitted Areas at Alameda Point
- Draft Amendment to the Closure Plan, Industrial Waste Treatment Plant (IWTP) 25

Ms. Smith asked why the RAB is not getting a summary of the public information meetings regarding the West Housing Area (WHA) removal action. Mr. McClelland stated that the Navy was not aware that there was an interest in the topic. This could be an agenda item at the July 1, 2003 RAB meeting. Ms. Smith asked if anyone could provide an overview of the WHA meeting. Lea Loizos stated that she attended the WHA meeting, but would not feel comfortable providing a summary. A WHA resident stated that he attended the meeting and that it did not supply him with enough information. He stated that work started at his residence this morning and that it was not conducted as it had been described at the WHA meeting. Differences included: the excavation grid size, lack of netting, windows were not taped, and the air monitoring machine was not running on time. Mr. McClelland stated that when problems occur residents should contact the Resident Officer in Charge of Construction (ROICC) Office. Residents should speak with Shirley Ng or Lieutenant Ryan Perry. This office is located at 2450 Saratoga Street, Suite 200, B. 114. Kurt Peterson asked if a point of contact and phone number were provided at the WHA meetings. Mr. McClelland stated that he believed there was and that a sign should be posted at the site that includes a point of contact. Doug deHaan asked what the chain of command is for the ROICC office. Mr. McClelland stated that the ROICC office is part of Naval Facility Engineering Command Southwest Division (SWDIV). Ms. Loizos stated that residents should be supplied with a point of contact when removal begins in their sections of residence. Mr. McClelland stated that in Rick Wiessenborn's absence, Ms. Clark is the temporary remedial project manager for this site. Upon Mr. Wiessenborn's return, he will resume those duties. Ms. Clark can be contacted by phone at (619) 532-0951. Mr. deHaan suggested that a ROICC representative present a summary of their duties at the July 1, 2003 RAB meeting. Mr. McClelland stated that he would supply Jeffery Thomas, Alameda Point

Collaborative, with Ms. Clark's point of contact information along with information for the ROICC office. Mr. Thomas stated he has this information, because it was supplied in the packet at the WHA meetings. Mr. McClelland also supplied contact information for Doug DeLong, Navy, who is onsite at Alameda Point. His mobile number is (510) 772-8832.

Mr. Thomas stated that the residents were told all first story windows would be taped up during the removal. Ms. Lozios stated that the Navy should have taped the windows if that is what they had promised the residents. Mr. Peterson asked if the Navy supervises the construction while it is occurring. Mr. McClelland stated that this is the role of the ROICC office and someone should be available if problems occur. Mr. Morgan stated that this will be an agenda item for the July 1, 2003 RAB meeting. Ms. Smith stated that this agenda item should be a presentation of what actually is occurring at WHA and include information about the ROICC office. It should not be a restatement of what the sampling and analysis plan states.

The WHA resident asked if the work would be stopped until his windows are taped.
Mr. McClelland stated that he would talk with Shirley Ng of the ROICC office first thing in the morning.

III. Site 1 Meeting Summary

Mr. McClelland stated that Andrew Dick was not able to attend the meeting tonight due to illness. As a result, a summary of the Site 1 meeting would not be provided. This summary will be made an agenda item for the July 1, 2003 RAB meeting. Ms. Loizos stated that the regulators were at the meeting and could provide a short summary. Judy Huang, Regional Water Quality Control Board (RWQCB), stated that she attended the meeting. She stated that more work needs to be done on the Site 1 feasibility study (FS).

IV. BRAC Cleanup Team (BCT) Activities

Ms. Huang provided the following update on BCT activities. A BCT meeting was held on May 20, 2003. At the meeting the following five items were discussed.

The Navy discussed the corrective action plan (CAP) for CAA 4C. The location of CAA 4C is the former gas station located near the soccer field. The gas dispensed at the former station did not contain methyl-tertiary-butyl-ether (MTBE). The Navy is proposing to place CAA 4C into the total petroleum hydrocarbons (TPH) program because the site is mainly impacted with petroleum issues.

The Navy discussed the proposed method for investigation of tarry refinery waste at Site 13. The proposed method is terrain conductivity mapping. Two pilot test areas have been selected and if the method is found to be at least 70 percent effective then it will be considered for a full-scale operation. Kevin Reilly asked if this method has been found to be effective at other locations. Mr. McClelland stated that is has, otherwise the Navy would not consider it as an option. Ms. Huang stated that the technique involves using a tool that transmits a signal into the ground and then senses a returning signal. This allows it to detect anomalies underground. The Navy also discussed the site inspection studies for eight transfer parcels. Of the eight parcels investigated, three were recommended for transfer by the Navy: economic development conveyance (EDC) -12 and -17, and public benefit conveyance (PBC) -3.

During the BCT meeting, Steve Edde provided a summary of the first meeting held for the community about the WHA time-critical removal action (TCRA). The Navy will excavate soil that contains benzo(a)pyrene equivalents great than 1 part per million and will over excavate laterally by 2 feet. Mr. Reilly asked Ms. Huang how many residents attended the first meeting. Mr. Thomas answered that none of the Alameda Point Collaborative (APC) residents were in attendance, but there were approximately 6 to 10 other WHA residents.

The Navy proposed revisions to the Federal Facilities Agreement (FFA) schedules for operable units (OU) -1, -2A, and -2B. The purpose of these revisions is to allow time to include the PAH sampling data in the RI/FS reports. Mr. McClelland stated that every June the Navy negotiates the site management plan (SMP), also known as the FFA, with the EPA. The revisions proposed at the May BCT meeting are the start of the process. Once the schedules are finalized they will be made available to the RAB. Jean Sweeney asked if this is the same as the contract that the Navy is referring to when they talk about awarding money. Mr. McClelland stated that it is not. Those are contracts awarded to contractors to complete work at Alameda Point. Ms. Smith asked what happens to those contracts when time expires. Mr. McClelland stated that the funds do not expire, but there is the potential to use them in the future. Per the RAB's request, Mr. McClelland will look into the possibility of placing the SMP on the Navy's website.

Following Ms. Huang's presentation, a community member stated that she had gone to the RAB Repository looking for information on Parcels 98 and 103 in the PAH SI Report. She found the report but the sections covering Parcels 98 and 103 were missing. Mr. McClelland stated that he would have the missing information replaced and inform the members when this has been completed.

Mr. Thomas stated that the APC would like to invite the RAB to hold their meetings in the APC building. Mr. Thomas stated the APC building has a room that is a capable of accommodating all needs for the RAB meetings. Mr. Morgan stated that the RAB appreciates the invitation. The RAB took a vote and decided to hold the August 5, 2003 RAB meeting in the APC building. Mr. Thomas stated that the building is located at 677 West Ranger Ave. The building number is 607.

Mr. McClelland stated that in May an early transfer negotiation meeting was held between the Navy and the City of Alameda (City). The price proposed by the City was much higher than the Navy's published Cost to Complete (CTC) for the cleanup of the entire base. Mr. McClelland will keep the RAB informed of the negotiation process. Ms. Johnson stated that at the July 1, 2003 RAB meeting she is planning to present information on early transfer.

Mr. Peterson asked how long it will take the base to be transferred if the cleanup continued under the Navy. Mr. McClelland stated that current schedules indicate that the last site would be transferred in 2008 if there are no delays.

V. Golf Course/Site 1 Update

Ms. Johnson presented the following information on the proposed golf course. The City is currently in the permitting process. The golf course is separate from the rest of Alameda Point in terms of the master developer proposal. It is unknown at this time if the City will act as the developer or if they will hire an outside developer. Ms. Johnson presented the design of the golf course. The golf course will be 215 acres and include a walking and bike path around the

shoreline, a hotel with conference center, a few parks, and the small beach that currently exists at Site 1. The Bay Conservation Development Commission (BCDC), who is responsible for protection of the Bay shorelines, found the beach while walking the site and requested that it be kept in the golf course design. The City is currently in the process of completing the environmental impact report, to be issued in June 2003, and requesting permits. Once permits are granted, the City will proceed to dredge spoils from the Port of Oakland for dewatering and eventual use for contouring of the golf course. The City will also need to gain permission to build the golf course from the BCDC once these other actions have been completed. Mr. Reilly asked if a date for the BCDC meeting had been set. Ms. Johnson stated that it has not yet been set, but if everything proceeds well the meeting should occur in December 2003. Ms. Johnson stated that as part of the golf course construction process, the existing runways will be torn out and the sand beneath them will be mined. The asphalt from the runways will be recycled. The golf course will then be contoured using the dredged spoils. Ms. Johnson stated that it would not be possible to build the golf course without the payment to be made by the Port of Oakland to the City for accepting the dredged spoils. Ms. Johnson also stated that integrated pest management practices would be used at the golf course. Jo-Lynne Lee stated the design of the golf course will not follow a traditional pattern; it will include more of a rock and sand landscaping.
Ms. Johnson added that the golf course would be less groomed, include native appearing grasses, no tall trees, and would look like a natural coastal scene. Mr. deHaan stated that this is also the design of the golf course adjacent to Oakland Airport. Ms. Johnson stated that the entire site is subject to approval from the U.S. Fish and Wildlife Service (FWS), and therefore there are specific conditions that have to be met. Mr. deHaan asked if the City has considered also receiving accreditation from the Audubon Society. Ms. Johnson stated that the City investigated this possibility, but decided not to pursue it. The accreditation would not have enough credibility, because the New York Audubon Society, rather than the National Audubon Society would grant it.

Mr. Humphreys asked if the City is required to apply for a permit from the Army Corps of Engineers (ACOE). Ms. Johnson stated that in order for the City to drain the dredge spoils, they are required to receive a permit from ACOE and RWQCB.

Ms. Smith asked if the City is sure that the grasses they plan to use are actual natives or if they are non-native invasives. Ms. Johnson stated the City is planning to use some native appearing grasses. The landscaping of the golf course is subject to approval by FWS and will be included in the environmental impact report. Ms. Johnson stated that once they all have been chosen, a list of plants will be supplied.

Ms. Johnson introduced Ted Splitter, Northgate Environmental Management (Northgate), to discuss the City's comments on the Site 1 draft FS.

Mr. Splitter stated that the first issue the City is concerned about is that unexploded ordnance (UXO) was not addressed in the draft FS. While conducting the radiological survey of Site 1, UXO was discovered on the ground surface. Surveys were not conducted below the surface, so there could be UXO located a short distance below the surface.

Mr. Splitter stated a second issue is that the presumptive remedy for landfills requires containment, and the City does not believe that containment has been proposed in the FS.
Mr. Splitter explained that the presumptive remedy is a tool developed by EPA. EPA studied landfill remediation and found that most sites require containment, and therefore uses

containment as the presumptive remedy. The presumptive remedy allows the Navy, and other parties responsible for landfills, to conduct a limited investigation assuming they will provide containment for the landfill. The Navy has proposed to cap the landfill at Site 1, and the City does not believe the size of the cap is an adequate presumptive remedy. Mr. Splitter stated that RWQCB and DTSC also had this concern. Mr. Humphreys stated when people talk about containment usually a slurry cut-off wall is used and that would raise concerns at this site due to the underlying bay mud. Mr. Splitter stated that if a cutoff wall were used for containment, the wall would completely encompass the landfill. Mr. Humphreys asked how the integrity of the wall would be maintained. Mr. Splitter stated that the Navy is concerned that the landfill could liquefy in a seismic event. However, the Navy has not considered that the landfill materials are a tight net of trash and records indicate that masses of this description are resistant to seismic events. Mr. Humphreys stated that in the past he has questioned if differential settlement would sheer and rupture the cap. Mr. Splitter stated that this would be a possibility. Mr. Splitter presented a diagram of the landfill cells at Site 1. When the landfill at Site 1 was actively being used for disposal, trenches were dug and then filled with waste. The crosshatched cells in the diagram represent these trenches. Mr. Splitter stated in a seismic event, the areas outside the trenches would settle more due to liquefaction than those inside and create a hump over the landfill.

Mr. deHaan asked when the Navy stopped using Site 1 for waste disposal. Mr. Splitter stated disposal activity stopped in 1956. In response to a question asked by Jim Sweeney, Mr. Splitter stated that the funnel and gate system at Site 1 has been in place for many years and has held up to the Navy's expectations. Neil Coe asked if groundwater could flow around the ends of the funnel and gate system. Mr. Splitter stated the groundwater would only flow around the ends if that were the direction of flow for groundwater.

Ms. Lee asked if any alternatives to the presumptive remedy would be considered. Mr. Splitter stated this was a question raised at the OU-3 FS meeting held on May 15, 2003 and the Navy was asked to consider other options.

Ms. Sweeney asked about the volatile organic compound (VOC) plume located at the site. Mr. Splitter stated that the highest concentrations are located at the funnel and gate system, which is also the former aircraft engine and parts storage area.

Ms. Smith asked if radiological remediation for groundwater had been addressed. Mr. Splitter stated that he recommends full containment for the landfill, including containment of groundwater.

Mr. Peterson asked if the City plans to place fill on the top of the runways or actually remove the runways. Mr. Splitter stated the City plans to break up and recycle the runways and mine the sand beneath it.

The third issue the City had with the FS is that cleanup criteria for radiological sources were not clear. The City would propose to use a different cap than the Navy. The cap proposed by the Navy allows for more water infiltration than the City would like.

In response to a question asked by Mr. Reilly, Mr. Splitter stated that the landfill is estimated to be 15 to 20 feet deep.

Mr. Humphreys asked about sand lenses in bay mud and if the integrity of the mud would be maintained. Mr. Splitter stated that it is possible, but at Site 1 the mud is not very thick and has been in the same condition for 60 years. When fill is placed on top it will induce some settlements but they should be small.

The fourth issue the City had with the FS is that the exact landfill boundaries are not known. The boundaries of the landfill are only defined on the western side of the landfill. The City feels the risks of not knowing the landfill boundaries are significant.

Mr. Peterson asked how difficult it would be to define the boundaries. Mr. Splitter stated that the boundaries could be defined through backhoe pits. Mr. Peterson suggested taking sample cores. Ardella Dailey asked why the Navy has not done this. Mr. Splitter stated that his theory is the Navy did not want to drill into and disturb the landfill.

Mr. Humphreys pointed out that the extent of the radiological waste, as indicated on the figure Mr. Splitter presented, goes beyond the trenches. Mr. Splitter stated that when the runway was built, it is thought that some waste was accidentally dug out and spread around in the process. Mr. Splitter also stated the radiological detections indicated on the figure are shallow detections. Mr. Humphreys asked if this means there could be deeper sources that have not been detected. Mr. Splitter stated when the radium paint shop was closed, a trench was dug at the landfill and the material was disposed of there. Mr. deHaan asked why there were no detections under the runway. Mr. McClelland stated that if there is material covering the radium it is difficult to detect. Ms. Sweeney asked what the proposed remedy is. Mr. Splitter stated that in the FS the Navy proposed to remove 1,865 detections of radiological material. The Navy will dig down 20 inches to remove the material and stop if detections do not exceed 15,000 counts per minute.

Mr. deHaan stated that the radiological sources are very scattered, as indicated on the figure, and asked for an explanation. Mr. McClelland stated that radiological waste was disposed of in trenchs. When the runways were built, this trench was probably disturbed and some radiological waste was inadvertently moved. Mr. Splitter stated that the area with radiological detections within it is about 55 acres.

Mr. Peterson asked what depth groundwater is at and how the groundwater would be contained from flowing west. Mr. Splitter stated that the current scenario is that the groundwater would flow through the iron "curtain" wall. The distribution of VOCs is not deep with groundwater at 4 to 8 feet bgs.

Ms. Lee asked what the criticism to the radiological analysis is. Mr. Splitter stated that the City has asked for clarification on cleanup criteria for radiological sources. Mr. Humphreys stated that the FS did not state what the 15,000 counts per minute (cpm) criteria would apply to and what type of counter would be used, as the sensitivity of the counter would affect the results.

Mr. deHaan asked when the City would like to start placing dredge spoil material on site. Ms. Johnson stated that the dredging holding areas are clear of Site 1, which will allow the City to proceed with stockpiling materials on the site. Assuming the City begins to receive material by next spring, there will be a 1 to 1.5 year period before the City needs to begin contouring the site. Mr. deHaan stated that problems with the soil could surface when the runways are dug up. Ms. Johnson stated that one of the reasons the City has proposed early transfer for this site is so that the remediation can be performed on their own schedule. Mr. McClelland stated that the

SMP has cleanup on Site 1 to be finished by March 2006, and transfer would occur in June or July 2006. Ms. Johnson stated this would miss the City's schedule by about 3 months. Ms. Johnson stated that the City is still asking the Navy to define the landfill boundaries. Mr. McClelland stated the Navy plans to place a cap over the landfill and part of the runway.

In response to a question asked by Mr. Peterson, Mr. Splitter stated that it is not known how deep the trenches are. Mr. Splitters guess is that the trenches are about 10 to 20 feet deep and covered with 6 inches to 2 feet of sandy material.

Another concern the City has with the Site 1 FS is that the hydraulic analysis did not consider that the landfill would be overlain by a golf course. Mr. Splitter stated that there are two types of caps, one that is pervious and one that absorbs liquid. The Navy considered both caps, but for the cap that absorbs liquid, the Navy did not consider that a golf course would be placed over it. Ms. Smith stated that she thought the golf course was taken into consideration and water would migrate east to a holding area, such as a pond. Ms. Johnson stated that this is to account for the irrigation of the golf course. Mr. Splitter agreed stating the design of the golf course does include a collection area.

The next concern the City has with the FS is that the depth of the landfill materials is not known. Mr. Splitter stated the location and depth of the landfill is important if containment is to be used for remediation.

The next concern is that detail regarding riprap is not presented. Mr. Splitter explained that riprap is hard rock that is put on a slope to prevent erosion at the shoreline. Mr. Coe stated that riprap on the shoreline is generally at a slope greater than one to one. Mr. Splitter added that riprap contains fabric, small rock, and large rock. Usually all you see it the large rock, which is placed on the outside.

Mr. Splitter stated that at Site 1 the area of concern is the burn area. Around 1956, the Navy reached capacity at the landfill and started burning waste and then pushing it into the Bay.

Mr. Humphreys asked if the area has ever been tested for benzo(a)pyrenes. Mr. Splitter stated that six to eight borings were taken and metals were found to be the contaminants of concern. Mr. Splitter stated the obvious solutions are to dig out or contain the metals. Metals are not soluble and to protect the Bay from them you need to prevent particulate movement.

Ms. Lee asked if sediment samples were collected around the burn area. Mr. Splitter stated that from his review, he does not think the Navy has found sediment to be an issue. At Site 29, the skeet range, sediment samples were taken and lead and clay pigeons are the concern.

The next concern is that a monitoring plan for UXO was not discussed. Mr. Splitter stated that a monitoring plan would be needed if the Navy plans to leave UXO on the site.

The last issue raised by the City is that the cap permeability was very high.

Mr. Peterson stated that it would be important for the City to know what is in the landfill. Mr. Splitter stated that this is important to the City, but the entire landfill would have to be dug up. If full containment is used for remediation, than less characterization is okay. However, DTSC has stated they want full characterization.

Mr. Humphreys stated that radium has a half-life of 1,600 years. The danger is not direct radiation, but the potential for materials to leak out in the future or if the site is used for something different than a golf course. Mr. Splitter stated that this was discussed at the OU-3 meeting and if you have full containment at the site, by installing a soil bentonite wall for example, the half-life should not be an issue. Mr. Humphreys asked how long the high-density polyethylene would last. Mr. Splitter stated that is should last about 100 years. Mr. Humphreys asked if this means that in 1,600 years we do not know if the landfill will still be contained. Mr. Splitter stated that this is correct.

In response to a question asked, Mr. Splitter stated that the red dots on the figure represent points with 50,000 cpm or greater.

Mr. Coe asked what a soil bentonite wall exactly means. Mr. Splitter explained that bentonite is naturally occurring clay. Bentonite would be used to hold the walls of the trench up. Mr. Coe asked if there is any lateral strength. Mr. Splitter stated that the idea of the bentonite is to prevent the flow of water. The bentonite can be mixed with cement, but is not as pervious as when mixed with soil.

Michael John Torrey asked for an estimate of how much gunpowder is present in the landfill. Mr. McClelland stated that gunpowder was not disposed of at Site 1.

Ms. Johnson stated that at the OU-3 FS meeting, the regulators were requesting additional investigation to be conducted at Site 1. This will affect the schedule the City has proposed. The City will try to move things along as efficiently as possible, but realize they are at the mercy of the Site 1 cleanup.

Ms. Smith asked where the City intends to dewater the dredged spoils. Ms. Johnson indicated that this would occur in walled areas along the runway. These areas are outside Sites 14 and 15. Ms. Smith stated that she is concerned that this would add water to the groundwater. Ms. Johnson stated that the idea is to decant the spoils so that nothing reaches the groundwater. Mr. Splitter stated that this is also an issue raised by the RWQCB and that Northgate is conducting modeling to clarify the issue. Mr. Morgan asked if this activity is planned to occur before or after the runway concrete is removed. Ms. Johnson stated this would occur before. Mr. Peterson asked where the spoils would be coming from. Ms. Johnson stated the spoils would be generated from maintenance dredging that will be conducted at various locations in the Port of Oakland. There is estimated to be 1 to 3 million cubic yards of dredge spoils.

In response to a question, Ms. Johnson stated that the City would test the dredge spoils for toxic substances. Mr. Coe stated that when the portal hole on the Alameda side was dug, they went down 50 feet and there was nothing but mud.

Ms. Sweeney asked about the process of Oakland providing the City with dredge spoils. Ms. Johnson stated that it is a legislative problem. Oakland was required to specify places to receive the dredge spoils, and the City was listed as an alternate. If the primary sites are found not suitable, then the City will be able to accept the dredge spoils at Alameda Point.

VI. Community and RAB Comment Period

Mr. Torrey stated that he has some brochures regarding the up coming golf tournament.

Patrick Lynch stated that some residents of Coast Guard Housing have been diagnosed with leukemia. Mr. Lynch hopes that this is not the cause of a bad decision made by the regulators or the Navy.

Mr. Lynch stated that in 2001 a report by the agencies was supposed to be published concerning the health issues on the base. The federal agencies are violating federal law because this document is over 2 years late. Mr. McClelland stated that the report is being prepared. It has been reviewed by the Navy and regulatory agencies. Mr. McClelland will give an update of the document at the July 1, 2003 RAB meeting.

The meeting was adjourned at 8:46 p.m.

ATTACHMENT A

NAVAL AIR STATION ALAMEDA
RESTORATION ADVISORY BOARD MEETING AGENDA
June 3, 2003

(One Page)

RESTORATION ADVISORY BOARD

NAVAL AIR STATION, ALAMEDA

AGENDA

3 JUNE, 2003 6:30 PM

ALAMEDA POINT – BUILDING 1 – SUITE 140

COMMUNITY CONFERENCE ROOM

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

HTTP://WWW.EFDSW.NAVFAC.NAVY.MIL/ENVIRONMENTAL/ALAMEDAPOINT.HTM

TIME	SUBJECT	PRESENTER
6:30 - 6:45	Approval of Minutes	Bert Morgan
6:35 - 6:50	Co-Chair Announcements	Co-Chairs
6:50 - 7:15	Site 1 Meeting Summary	Andrew Dick
7:15 - 8:15	Golf Course/Site 1 Update	Elizabeth Johnson Ted Splitter Ed Levine
8:15 - 8:20	BCT Activities	Judy Huang
8:20 - 8:30	Community & RAB Comment Period	Community & RAB
	RAB Meeting Adjournment	
8:30 - 9:00	Informal Discussions with the BCT	

ATTACHMENT B

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

(Four Pages)

ALAMEDA POINT
RESTORATION ADVISORY BOARD
Monthly Attendance Roster for 2003

Date: June 3, 2003

Please initial by your name

RAB MEMBERS	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Ingrid Baur					X							
Ardella Dailey			*		X	X						
Neil Coe		X	X	X	X	X						
Nick DeBenedittis												
Douglas deHaan	X		X		X	X						
Tony Dover		X		X		X						
George Humphreys	X	X	X	X	X	X						
James D. Leach	X	X	X	X	X	X						
Jo-Lynne Lee												
Lea Loizos	X	X	X	X	X	X						
Bert Morgan	X	X	X	X	X	X						
Ken O' Donoghue												
Kurt Peterson			X	X	X	X						
Kevin Reilly	X	X	X	X	X	X						
Bill Smith		X			X							
Dale Smith	X	X	X	**	X	X						
Lyn Stirewalt												
Jean Sweeney	X	X		X	X	X						
Jim Sweeney	X	X	X	X	X	X						
Luann Tetirick	X			X		X						
Michael John Torrey	X	X	X	X		X						

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* Denotes excused absense

COMMUNITY MEMBERS	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Debbie Collins	X		X			X						
Golden Gate Audubon Society												
Betsy P. Elgar												
Dana Kokubaun												
David Rheinheimer												
REGULATORY AND OTHER AGENCIES	**JAN**	**FEB**	**MARCH**	**APRIL**	**MAY**	**JUNE**	**JULY**	**AUG**	**SEPT**	**OCT**	**NOV**	**DEC**
Susan Boyle (USCG)					X	X						
Anna-Marie Cook (EPA)	X											
David Cooper (EPA)		X	X		X							
Jesus Cruz (DTSC)					X	X						
Merry Goodenough (USCG)					X	X						
Judy Huang (RWQCB)	X	X	X	X		X						
Elizabeth Johnson (City of Alameda)	X	X	*	*	X	X						
Marcia Liao (DTSC)	X	X	X	X		X						
Laurent Meillier (RWQCB)					X							
Mark Ripperda		X		X	X							
Patricia Ryan (DTSC)	X	X										
Sophia Serda (EPA)												
Michael Shields (USCG)	X	X	X	X								

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* Denotes excused absense

U.S. NAVY	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Glenna Clark												
Andrew Dick	X	X	X									
Steve Edde		X	X	X	X							
Greg Lorton												
Mike McClelland	X	X	X	X	X	X						
Lou Ocampo					X							
Tom Pinard	X	X	X	X								
Lee H. Saunders					X							
Rick Weissenborn	X			X								

TETRA TECH EMI	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Courtney Colvin	X	X	X	X								
Tracy Craig				X								
Corinne Crawley												
Beth Kelly				**		X						
Jim Helge												
Craig Hunter												
Marie Rainwater												
Leah Waller												
Heather Imgrund			X	X	X	X						

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* Denotes excused absense

OTHER	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Janet Argyres-Bechtel					X							
Aidan Barry - APCP												
Bart Draper-Bechtel												
Lee Dodge - LFR												
Bill Howell - 3-D Environmental												
Rezsin Jaulus-Alameda Point Coll.	X											
Jeffrey Thomas-Alameda Point Coll.			**		X	X						
Eric Johansen - Bechtel					X							
Bruce Marvin - IT, Aquifer Solutions												
Stephen Quayle-Bechtel												
Ron Rinehart, Pacific States												
Kent Udell	X											
Charlene Washington-EBCRC												
Abid Loan-Foster Wheeler			X									
Jim Barse			X			X						
Carol Yamane - Bechtel					X							

* Excused absence
** Attended but did not sign roster

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* Denotes excused absense

ATTACHMENT C

NAVAL AIR STATION ALAMEDA
RESTORATION ADVISORY BOARD MEETING HANDOUT MATERIALS

Issues Raised by the City. Presented by Ted Splitter, Northgate Environmental Management, June 3, 2003.

Issues Raised By The City

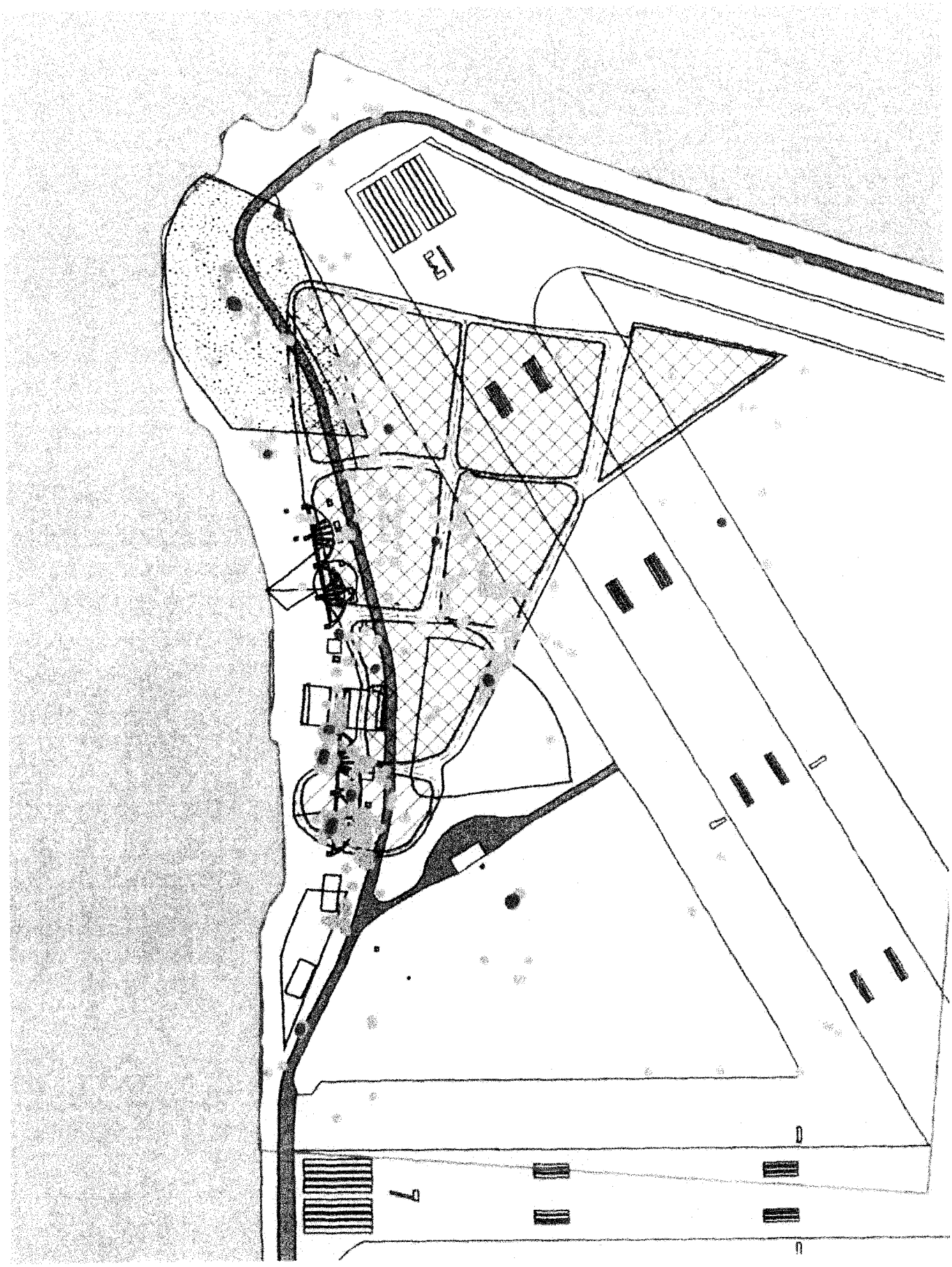
(Four Pages)

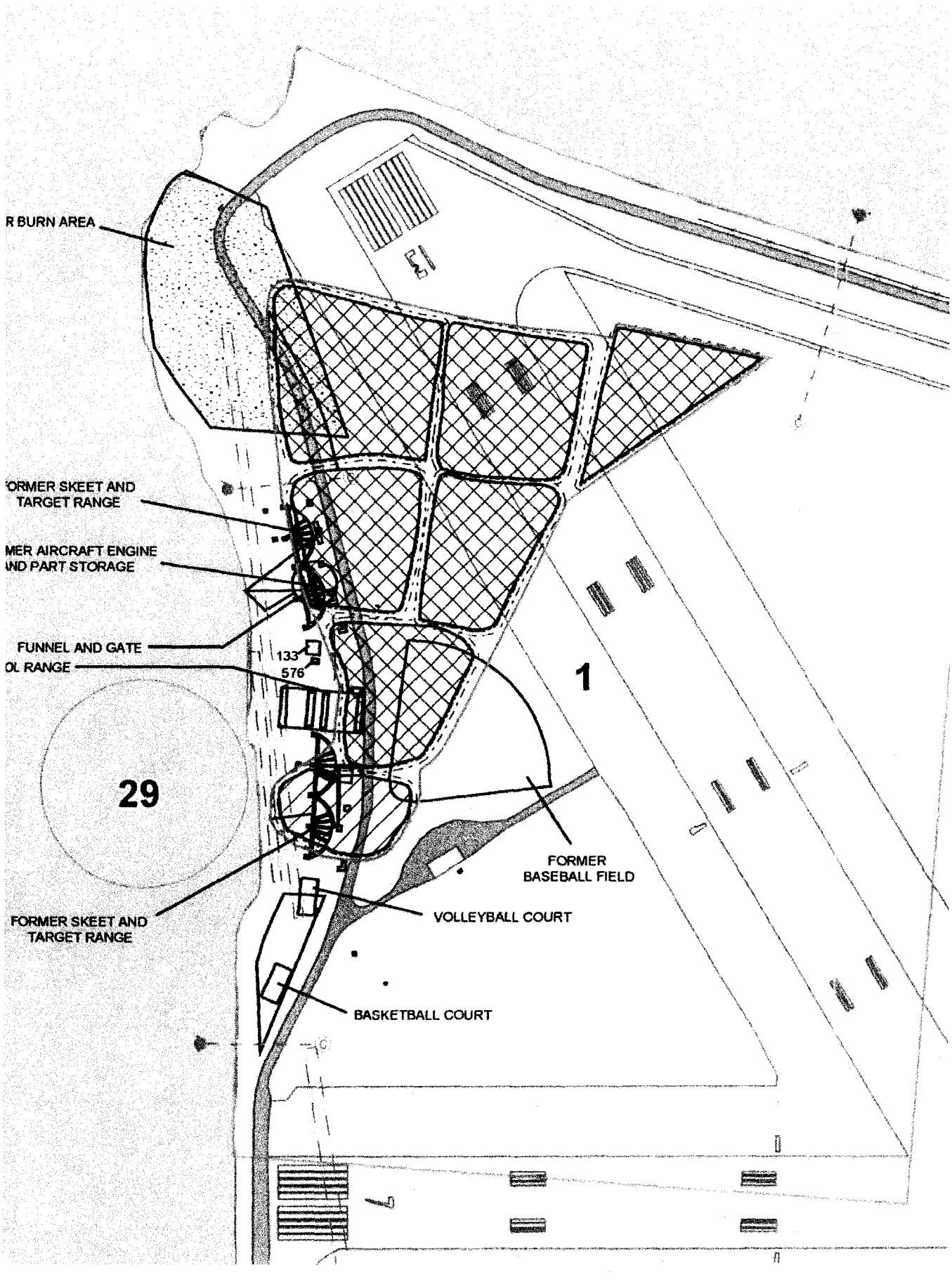
Issues Raised By City

- UXO was not addressed by the Draft FS
- Presumptive Remedy requires containment
- Cleanup criteria for radiological sources was not clear
- Landfill boundaries are not known and therefore costs estimates may be inappropriate
- Hydraulic analysis did not consider that the landfill would be overlain by a golf course

Issues Raised By the City

- The depth of the landfill materials is not known
- Detail regard riprap are not presented
- Monitoring plan for UXO was not addressed
- Cap permeability was very high




R BURN AREA
ORMER SKEET AND
TARGET RANGE
MER AIRCRAFT ENGINE
ND PART STORAGE
FUNNEL AND GATE
OL RANGE
133
576
1
29
FORMER
BASEBALL FIELD
VOLLEYBALL COURT
FORMER SKEET AND
TARGET RANGE
BASKETBALL COURT

TETRA TECH EM INC.

TRANSMITTAL/DELIVERABLE RECEIPT

Contract No. N68711-00-D-0005 Document Control No. TC . A021 . 10126

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: 08/12/03
DO: 021
LOCATION:
Alameda Point, Alameda, California

FROM: **Michael Wanta,** Contract Manager

DOCUMENT TITLE AND DATE:
RAB Meeting Minutes Jan - June 2003

TYPE: ☐ Contractual Deliverable ☐ Technical Deliverable (DS) ☒ Other (TC)

VERSION: NA (e.g., Draft, Draft Final, Final) REVISION #: NA

ADMIN RECORD: Yes ☒ No ☐ CATEGORY: Confidential ☐

SCHEDULED DELIVERY DATE: 08/08/03 ACTUAL DELIVERY DATE: 08/13/03

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Diane Silva (05G.DS) *		
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*Admin Record Recipient

rev 07/20/03