



DEPARTMENT OF THE NAVY

COMMANDER
NAVAL BASE NORFOLK
1530 GILBERT ST. STE 2200
NORFOLK, VA 23511-2797

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IN REPLY REFER TO:

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N452B/574
4 MAR 1998

Mr. Randy Jackson
Naval Facilities Engineering Command (Code 18224)
Commander, Atlantic Division
1510 Gilbert Street, Bldg N-26
Norfolk, VA 23511-2699

Dear Mr. Jackson:

SUBJECT: RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES

Please find minutes from the September 30, 1997 RAB meeting attached as enclosure (1). The next regular RAB meeting is scheduled for 7:00 p.m. on Monday, March 23, 1998 in the COMNAVBASE Conference Room, 2nd floor, Building N-26, Gilbert Street, Naval Base, Norfolk. The agenda for this meeting is provided as enclosure (2). Rear Admiral Ziemer, Commander, Naval Base, Norfolk, will address the RAB.

The meeting is being scheduled to coincide with the public comment period for the proposed removal action, as detailed in the Pesticide Drain Engineering Evaluation/Cost Analysis (EE/CA). This proposed removal action will be discussed during the meeting. Enclosure (3) is an executive summary of the EE/CA. In addition, the proposed remedial alternatives for the CD Landfill will be discussed. The Proposed Remedial Action Plan for the CD Landfill will be finalized later this spring.

If you have any questions, please call Mr. Tim Reisch at 322-2896, or Ms. Paula Keicer at 322-2853.

Sincerely,

SHARON WALIGORA CUTCHIN
Director, Hazardous Waste Division
By direction of the Commander

Enclosures: 1. RAB Minutes
2. Meeting Agenda
3. Pesticide Drain Engineering Evaluation/Cost Analysis (EE/CA) Executive Summary

COMNAVBASE NORFOLK
RESTORATION ADVISORY BOARD MEETING

March 23, 1998

7:00	Introduction	Ms. Paula Keicer COMNAVBASE - Public Affairs
7:05	Welcome	RADM R. T. Ziemer COMNAVBASE
7:10	Pesticide Drain Engineering Evaluation/Cost Analysis	Mr. Mike Tilchin, CH2M-Hill Mr. Randy Jackson - LANTDIV
7:30	Break	
7:40	CD Landfill Remedial Alternatives	Mr. Don Joiner, Baker Environmental Mr. Jim Harris - LANTDIV
8:00	Administrative Issues	Tim Reisch - Navy Co-chair
8:10	General Questions/Comments	

RESTORATION ADVISORY BOARD MEETING MINUTES
September 30, 1997

Commander, Naval Base (COMNAVBASE) Norfolk, conducted a Restoration Advisory Board meeting on Tuesday, September 30, 1997, in Building N-26 at the Naval Base. The meeting commenced at 7:10 p.m. with the following people in attendance.

RAB ATTENDEES:

Tim Reisch, Navy Co-chair	COMNAVBASE Environmental Programs
Randy Jackson, P.E.	Naval Facilities Engineering Command
Devlin Harris	Virginia Department of Environmental Quality
Carl Fisher	Elizabeth River Project
Harry Harbold	U. S. EPA Region 3
Jack Ruffin, Community Co-Chair	Chesapeake Bay Foundation
Nathaniel Riggins	Titustown Civic League
Claude "Okie" Thompson	Elizabeth River Project
Deb Hill	City of Norfolk Public Health/Environmental Health
Paula Keicer	COMNAVBASE Environmental PAO

OTHER ATTENDEES:

Bill Hudson	U.S. EPA Philadelphia
Don Joiner	Baker Environmental
Gary Koerber	COMNAVBASE Environmental Office
Jim Daman	Citizen
Richard Uphoff	Citizen

NOT IN ATTENDANCE

Aneil Kumer	Engineering and Environment
Bertram Myers	Algonquin Park Civic League
Robert Vazquez	National Oceanic and Atmospheric Administration
Dr. Raymond Alden	Old Dominion University
Lee Rosenberg	City of Norfolk, Environmental Service

RAB Presentation Summary:

The RAB meeting was conducted in part as a "public awareness session" on the Engineering Evaluation/Cost Analysis for the Camp Allen Salvage Yard at Naval Base, Norfolk. During this session, the Navy presented information on the referenced site, and plans for the non-time-critical removal action to the community, responded to public questions, and recorded public comments. The meeting also solicited membership from the community for new members into the Restoration Advisory Board. Getting additional RAB members will help to increase public participation in the Naval Base Installation Restoration Program.

Installation Restoration Program Overview

Tim Reisch, COMNAVBASE Environmental Programs Department, began with an overview of the Installation Restoration (IR) Program. He discussed the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA) and Superfund Amendments and Reauthorization Act (SARA). The IR program goals along with the public participation/community relations were stressed. He followed with a brief history as to how the

Restoration Advisory Boards (RAB) were formed. He stated that a RAB is a group of community members, State, and Federal environmental officials, civic and special interest groups, and Navy personnel. He also stated that RAB members are given the opportunity to advise and comment on the ongoing cleanup projects in support of the Naval Base Installation Restoration (IR) Program. Members also serve as the focal point for the exchange of information between the command and the local community. He also stated what was expected of a RAB member: to review and comment on technical documents; to comment on proposed actions, project requirements, and priorities; to attend scheduled RAB meetings; and to communicate with representatives on specific issues dealing with concerns related to Naval Base cleanup activities. The reason for the overview according to Reisch, was to give the new citizens attending this meeting some background information on a RAB. He was hoping that those attending might consider becoming a member of the RAB.

Camp Allen Salvage Yard Engineering Evaluation/Cost Analysis Summary

Don Joiner from Baker Environmental presented the briefing on the Camp Allen Salvage Yard Engineering Evaluation/Cost Analysis report. After a brief history of the Camp Allen Salvage Yard (CASY), Joiner discussed the Non-Time-Critical Removal Action (NTCRA) process. The goal of the Engineering Evaluation/Cost Analysis (EE/CA) is to identify the objectives of the removal action and select and analyze alternatives. The Naval Base Partnering Group reviewed preliminary human health risk assessment data and agreed on the clean-up goals of 2 mg/kg PCBs for surface soils and 5 mg/kg PCBs for subsurface soils. These clean-up goals were established based on the results of the most conservative exposure scenario at the site, a utility construction worker. The estimated soil volume for the removal action is 12,700 cubic yards. The contaminated soils will be disposed of according to Federal and State regulations. During the EE/CA process, six response actions were identified and three soil excavation alternatives were evaluated. Joiner discussed the three alternatives: 1) Excavation and on-site thermal desorption; 2) Excavation and off-site thermal desorption; and 3) Excavation and off-site disposal. Any soil with PCB levels greater than 50 mg/kg will be sent to a TSCA permitted landfill or incinerator. Most of the soil to be removed has PCB levels of less than 50 mg/kg. With all the alternatives on a cost comparable basis, alternatives 2 and 3 were determined to be both technically and economically feasible. The Navy will select final alternatives based on the best-negotiated price for the project.

Camp Allen Salvage Yard Remediation Schedule

Randy Jackson, Naval Facilities Engineering Command Atlantic Division, gave an overview of the Camp Allen Salvage Yard Schedule. The finalized EE/CA and the Issue Public Notice have been completed. The 30-day comment period ends Oct. 2, 1997. The Issue Action Memorandum and the Complete Design Documents are both expected to be completed by January 1998. The remedial action is expected to be awarded on March 1998 and then completed by September 1998. The removal action is programmed for fiscal year 1998. The remedial investigation (RI) will be completed after the removal action, and the Navy and EPA will sign a record of decision (ROD) for the site. The RI and ROD will be completed in Fiscal Year 1999.

Question: What is the distance that the soil will be moved? What are the risks involved?

Answer: The soil will be moved within the State of Virginia, the Richmond area has some TSCA permitted sites. The soil will be covered during transported and poses minimal risks. The concentrations of the PCBs are at a level below 50 mg/kg.

Question: When testing was there a degradation of the PCBs? Was there a biological breakdown?

Answer: We are working with a 1260 series of PCBs. I don't believe there is the breakdown you would find in the newer PCBs, the ones we are dealing with are at least 10 years old or greater.

Question: On the Proposed Removal Action, it looks as if you are saying that Alternative 1 is not technically and economically feasible. Does this propose a risk for process and disposal?

Answer: Alternative 1 is Excavation and On-site Thermal Desorption, which we don't think is the best alternative. Considering the site's proximity to the local housing areas and an elementary school, the perceived risk is considered and evaluated; and, with all three alternatives cost comparable, alternatives 2 and 3 seemed the better choice. This is the reason we have a RAB; the members discuss the best available options.

Community Relations Plan Update

Tim Reisch discussed the methodology of updating the Community Relations Plan (CRP). The updated CRP will provide current activity information to include information on the NPL listing, current IR site status, and will focus on community relation accomplishments since the original 1993 CRP. The response to the RAB stakeholder identification form was not overwhelming. A community interview questionnaire was jointly developed between Tim Reisch and Bill Hudson. Tim Reisch, Bill Hudson, and Paula Keicer will be going out, on Oct. 1, to do community interviews. The interview questions address the community's knowledge, concerns, and desires to participate in the Naval Base Installation Restoration Program.

Question: Can Willoughby Bay community members be interviewed?

Answer: Yes

Tim Reisch and Paula Keicer have been invited to give an Installation Restoration update at the October Glenwood Park Civic League meeting. The Camp Allen Landfill will be the major topic of discussion. The Camp Allen groundwater extraction and treatment system, which has been in operation since July, has pumped approximately 4 million gallons of ground water so far.

According to Bill Hundson, the idea behind the community interviews is not only to find out the public's knowledge and concerns, but also to build up a list of names of people who would benefit from receiving information on IR sites. It is hoped that this list will include a greater segment of the population. With a decline in the Restoration Advisory Board membership it is hoped that through these interviews the Navy can find interested concerned citizens to be members.

Question: Can you tell us about the Survey?

Answer: The short answer questions ask for knowledge of Naval Base operations, the clean-up program at the base, and community outreach information. We will contact several residents in Glenwood Park, which is adjacent to Camp Allen for these interviews. In addition, we will interview base personnel working near our remediation projects under construction, Q-Area, LP-20, and the CD Landfill.

Administrative Issues

Devlin Harris explained that the partnering group was starting to get Installation Restoration Sites cleaned up quicker. A facilitator is used at the partnering meetings. Partnering groups are able to streamline the processing. Meetings of the partnering group are held monthly and last a day and a half in length. Harry Harbold explained that this is not unique to Norfolk, but has been picked up by other services.

Question: About a Master Plan. Is there a master plan?

Answer: Yes, the current Naval Base land use master plan "Vision 2010" was prepared in 1995. This land use plan is the basis for a partnership agreement on the future land use in determining site clean-up goals. The partnering group uses the land use plan zones to determine the risk assessment scenarios that drive the calculation of the remediation goals and is a key element in the Naval Base Partnering Team initiative.

Question: How are the sites determined? When are the sites ranked for cleaned up?

Answer: Sites were determined by previous environmental investigations and assessments conducted on Naval Base. Naval Base has 10 IRP sites, 2 have been cleaned and 8 are in the various stages of investigation or remediation. Other locations identified as having confirmed or potential contamination, were sampled by Baker Environmental in 1995 to identify the potential hazards they pose to the public and environment. The Navy used this information and ranked the sites using a Navy ranking system. Site clean up is based upon the ranking priority and the availability of funds.

Question: What is the completion level? When are you removed from the list?

Answer: Once sites are cleaned they can then get certificates of completion. After the year 2000, Non-federal Superfund sites will be winding down. Federal facilities are different because there are so many sites.

Question: How does the Naval Base Norfolk compare to other sites?

Answer: I would say average compared with other Federal agencies. The Navy has done a lot since NPL. The sites pose less of a risk. I would say a base of this size is doing a good job.

The meeting adjourned at approximately 8:50 p.m.