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MINUTES FROM 24 JULY 1996 RESTORATION ADVISORY BOARD MEETING NTC
ORLANDO FL
7/24/1996
NAVFAC SOUTHERN

Meeting Summary
Restoration Advisory Board
Naval Training Center, Orlando
July 24, 1996

A meeting of the Restoration Advisory Board (RAB) was held on July 24, 1996 in the City Commission Chambers, Winter Park City Hall. Attachments to this meeting summary are as follows:

Attachment A:	Meeting Agenda
Attachment B:	Member Sign-In Sheet
Attachment C:	1996 RAB Attendance Record
Attachment D:	NTC, Orlando RAB Update (Information Repository copy)
Attachment E:	Published Meeting Notice
Attachment F:	Community Mailing List Notice
Attachment G:	Community Sign-In Sheet

RAB members present at the meeting are listed below:

LCDR Catherine Ballinger	John Mitchell
Penelope Felger	Blanche Olson
Donald Fuller	Nancy Rodriguez
Wayne Hansel	Mark Solomon
Bruce Hossfield	Captain Doug Yesensky
Robert Mackey	Thomas Yost
Nancy Maloney	

Other Navy and support personnel present included:

Barbara Nwokike, Southern Division Naval Facilities Engineering Command
John Kaiser, ABB Environmental Services, Inc. (ABB-ES)
Bill Kollar, ABB-ES

LCDR Ballinger, the Navy Co-Chair, welcomed the RAB and the community. Ballinger called the meeting to order at 7:03 p.m. Five members of the general public were in attendance.

RAB Administration

Comments on Department of Navy (DON) Environmental Restoration Plan: Navy Co-Chair Ballinger requested comments on the DON Environmental Restoration Plan. She distributed excerpts from the plan to the RAB members, and noted that the full document was available in the RAB library. Comments should be sent directly to the DON as indicated in the plan.

Upcoming Meeting Schedule: The next meeting was scheduled for Thursday, September 12 at 7:00 p.m. in the Winter Park City Hall Commission Chamber.

New RAB Business: Navy Co-Chair Ballinger announced that September 12 will be her last meeting, and that a new Navy Co-Chair will be named shortly.

BRAC Update/Upcoming Activities

Wayne Hansel, BRAC Environmental Coordinator for the Navy, provided an update on ongoing and upcoming fieldwork at NTC, Orlando. His report is summarized in Attachment D to this meeting summary. Highlights of Mr. Hansel's report are presented below:

Group I Sites - Sites 8 and 9 (Greenskeeper Storage and Former Pesticide/Herbicide Storage areas) have been named as Operable Unit (OU) 3 and require interim cleanup (for soil) and a remedial investigation (for water). This work has been budgeted for the upcoming fiscal year. A report on investigations at sites 43 (Skeet and Pistol Ranges) and 44 (former Missile Training area) was reviewed in April, and additional field work has been directed. It will take two weeks to mobilize for field work at site 44. Hansel added that exposure to surface soil is not an issue at site 43.

Main Base Landfill - Draft Remedial Investigation/Feasibility Study (RI/FS) report was completed in early April and is currently being reviewed. The Orlando Partnering Team (OPT) has agreed that a protective cover over the landfill is adequate if the area is limited to recreational use in the future. Additional intermediate and deep monitoring wells are also needed to better determine background conditions in the deeper aquifers.

Main Base New Sites - Field work in the southwest corner of the Main Base is complete. A draft Technical Memorandum for sites 39, 40, and 45 (all former U.S. Air Force sites) has been reviewed by the OPT. The OPT has decided on no further action at site 45 and additional soil sampling at sites 39 and 49. Field work at site 27 (Corrine Gate Area) has been completed and sampling results are pending.

Area C - ABB Environmental Services (a Navy contractor) has been authorized to begin interim cleanup investigation and design work at OU 4 (the Base Laundry and associated areas). Field work to determine the extent of contamination has been completed. ABB has been directed to do a recovery well pump test, which will provide the remaining data needed for the OPT to select an interim cleanup method for the site.

Herndon Annex - The U.S. Army Corps of Engineers has completed field work at the old firefighter training area (currently Greater Orlando Aviation Authority property) to determine the source of the benzene plume. Their report has been submitted to the OPT.

McCoy Annex Group III Sites - Supplemental sampling at sites 46, 47, 49, and 51 (all former U.S. Air Force sites) has been completed and sampling analysis results are pending. Lab results from sampling at sites 48, 50, 52, and 53 are also pending.

McCoy Annex New Sites - Five of the new Air Force sites are currently being screened. Field work has been completed and lab results are pending. A technical memorandum for the sites is expected in August.

Petroleum Tank Program - 114 Tank Closure Assessment Reports have been completed. 76 were clean closures and 13 are currently under review. Petroleum contamination assessment reports are needed for the 21 tank sites where leaks occurred. ABB has completed four of these assessments.

Property Transfer - Mr. Hansel noted that the Navy will be taking a streamlined approach to developing Findings of Suitability for Transfer (FOST) and Findings of Suitability for Lease (FOSL). Master FOSTs or FOSLs will be prepared for multiple properties, a change from the current practice of preparing separate Findings for individual parcels. This is designed to speed up the FOST/FOSL approval process. It also addresses situations where local reuse plans may have changed while individual FOSTs or FOSLs were moving through the approval cycle. At NTC, Orlando, single FOSTs or FOSLs could be prepared for multiple parcels on the Main Base, for example. Some finding documents of this type have been sent to regulatory agencies, and more are expected to be sent in August.

Questions from the RAB on the BRAC Update

Was any lead found at site 43? No lead was detected. This is probably due to extensive reworking of the site since it was used as a shooting range.

Are there any risks to future recreational users at the Main Base Landfill Area? The 2-foot soil cover provides sufficient protection as long as the area is restricted to recreational use. Any deeper intrusions into the ground could pose potential risks, but most recreation equipment would not require such intrusions.

Are investigations at site 27 (the Corrine Gate area) near the osprey nest in that area? Yes, the osprey nest is on a light stanchion in that area. Observers have reported normal activities at the osprey nest.

What are some potential cleanup options for Area C (the former drycleaning building and vicinity)? Some potential cleanup methods include a groundwater pump and treat system or a process using metal wall reactive sheeting. The latter process forces the groundwater through the sheet to remove contaminants. Results of field sampling (completed) and a pump test (scheduled) are needed before a cleanup option can be selected.

What is the status of Fiscal Year (FY) 1997 funding for the NTC environmental program? FY 97 funding requests include: screening of all remaining sites; storage tank management activities in the Service School area; interim cleanup at Area C; and remedial investigation and final cleanup at Area C. The estimated budget for these activities is \$10 million. The budget request has been made to the Navy's Southern Division, Naval Facilities Engineering Command. Navy RAB members noted that the City of Orlando's reuse plan for NTC gives the installation a higher funding priority compared to bases where reuse plans have not yet been developed. Local

political input can also have a positive effect on funding decisions.

Special Topic: Relative Risk Site Evaluation Framework

Barbara Nwokike, Southern Division, Naval Facilities Engineering Command Remedial Project Manager, briefed the RAB on the relative risk method for site evaluation.

Ms. Nwokike began by noting that a relative risk briefing has been mandated by the Navy for all RABs. She explained that relative risk site evaluation employs a computer model, the results of which are entered into a database for all Department of Defense (DoD) sites. She emphasized that the relative risk process does not determine absolute risk, but rather provides for risk comparison between sites. This comparison can then be used to help prioritize funding. She added that the data in the presentation are from 1994 and 1995. Key points of Ms. Nwokike's briefing included:

- Background on the Defense Environmental Restoration Program (DERP)
- Overview of DERP site status
- Common site types and contaminants
- Typical environmental restoration projects and activities
- Relative Risk Site Evaluation and RABs as recent DoD policies
- General principles and benefits of Relative Risk Site Evaluation
- Objectives and limitations of Relative Risk Site Evaluation
- Relative Risk Site Evaluation Model and Matrix
- Factors in Relative Risk Site Evaluation (contaminant hazard, migration pathway, receptors)
- How Relative Risk affects funding

Questions from the RAB on the Special Topic

Should the receptor factor be given more consideration in the Relative Risk Site Evaluation process? The presentation given to the RAB is a simplified summary of the evaluation process, which in practice requires complex mathematical computations that could not be presented in such a summary format. Therefore, it is difficult to draw conclusions regarding the consideration given to the receptor factor based on the limited information presented.

To expand, the contaminant hazard factor is objective because it reflects a numerical score. The receptor and migration pathway factors are more subjective in nature since they may be based on the potential for contaminant movement and exposure. However, the existence of evident migration pathways and/or identified receptors at a site is in fact assigned greater weight in the site evaluation matrix. It must be remembered that the relative risk model is not intended to determine absolute risk, but rather is a uniform approach to ranking sites for budgeting purposes. Actual risk is determined through a site-specific Risk Assessment.

Is there an example at NTC where the Relative Risk ranking was a factor in a funding decision? Relative risk ranking is less of a funding consideration at closing bases like NTC, as sites at these facilities are generally given higher funding priority because of future reuse plans. However, relative risk ranking may have positively affected funding decisions for Area C

because a contaminant release and migration pathway were identified, even though a preliminary risk assessment showed no risk.

Explain the statement in the presentation that says "some agreements may no longer maximize community protection." That statement refers to the fact that some agreements to clean up federal facilities may be outdated and that new environmental considerations or impacts may have emerged since those agreements.

Are formerly used defense sites (FUDS) referenced in the presentation presently funded from the Defense Environmental Restoration Account (DERA)? Also, aren't some of the sites at Herndon Annex FUDS sites? FUDS sites are funded under a U.S. Army Corps of Engineers program and not by DERA. The status of the Herndon Annex sites mentioned by the questioner is still under review.

The business portion of the meeting concluded at 8:10 p.m., and the meeting was adjourned by Navy Co-Chair Ballinger. The floor was then opened for comments and questions from the general public. Members of the audience had no comments or questions.

Attachment A

AGENDA
NTC, Orlando Restoration Advisory Board Meeting
July 24, 1996

Welcome/Opening Comments	RAB Co-Chairs
RAB Administration	RAB Co-Chairs
RAB New Business	RAB Members
BRAC Update	Wayne Hansel BRAC Environmental Coordinator
<u>May Special Topic Feedback</u>	RAB Members
OU 1 Workplan Document Summary	
<u>Special Topics</u>	
Relative Risk Ranking	Barbara Nwokike SOUTHDIVNAVFACENGCOM
Budgeting	
Close RAB Business	
Community Comments and Questions	

Attachment B

RAB SIGN-IN SHEET July 24, 1996

PRINT NAME
THOMAS E. YOST
<i>[Handwritten signature]</i>
<i>[Handwritten signature]</i> (MORE ELLIS SALONAR)
Bob Mackey
Nancy Rodriguez
<i>[Handwritten signature]</i>
Donald A. Fuller
Envelope Inie Tulzer
Nancy Maloney
Capt D. Messersky BTC
Blanche Parrott Olson
Catherine A. Ballinger

BRUCE HOSSFELD ALSO ATTENDED

Attachment D

(Information Repository Copy only)

Attachment E

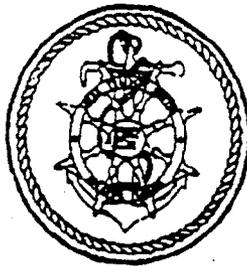
ENVIRONMENTAL MEETING NOTICE

The Restoration Advisory Board (RAB) - NTC Orlando, comprised of community members, representatives of the United States Navy, and state and federal regulatory agencies, is holding a meeting to discuss environmental cleanup activities at the Naval Training Center. The meeting will be held on July 24, 1996 from 7 to 9 p.m. in the Commission Chambers of Winter Park City Hall, 401 Park Avenue South in Winter Park. The public is invited to attend and will be asked to participate in a comment period at the close of the meeting.

For further information, please call Lieutenant Commander Catherine Ballinger at (407) 646-4735 or Lieutenant Bob Mehal at (407) 646-4430.

Deaf and Hard of Hearing Persons; A sign language interpreter is available upon request. Call using FRS to Lieutenant Commander Catherine Ballinger at (407) 646-4735 by July 22, 1996 to request interpreter services.

Documents on the environmental program at NTC, Orlando, including summaries of prior RAB meetings, are available for public review at the Orange County Library, 101 East Central Blvd., Orlando. They are located in the Planning and Local Government Department on the fourth floor.



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Orlando Sentinel: July 18, 1996

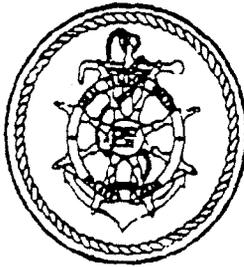
Attachment E

ENVIRONMENTAL MEETING NOTICE

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Orlando Sentinel: Sunday, July 21, 1996

ENVIRONMENTAL MEETING

Restoration Advisory Board Naval Training Center, Orlando

The Naval Training Center's Restoration Board (RAB) will hold its regular meeting to discuss environmental studies currently underway on the base.

**When: 7:00 - 9:00 P.M.
Wednesday, July 24, 1996**

**Where: Winter Park City Hall
City Commission Chamber - Second Floor
401 Park Avenue South
Winter Park, Florida**

The special topics of the meeting will be briefings on site prioritizing, stable funding, and budgeting. A map showing the meeting location is attached.

Community members are encouraged to attend the RAB meeting. An open floor period will be held after RAB business has been completed to address any community questions or concerns. Documents on the environmental program at NTC, Orlando, including summaries of prior RAB meetings, are available for public review at the Orange County Library, 101 East Central Avenue, Orlando. They are located in the Information Repository in the Planning and Local Government Department on the fourth floor.

Questions?

**Call Catherine Ballinger at 646-4735
or Diane Silkwood at 856-3484.**

Attachment G

**NAVAL TRAINING CENTER, ORLANDO RESTORATION ADVISORY BOARD MEETING
WINTER PARK CITY HALL COMMISSION CHAMBERS, July 24, 1996
SIGN-IN SHEET (please print clearly)**

NAME	ADDRESS (please include zip code)	TELEPHONE NO. (day/evening)	AFFILIATION (if any)	Would you like to be added to our mailing list?
Rex Holmlin	3208-C E. Colonial Dr. Suite 200 Orlando, FL 32803	374/8053	HOLMLIN ENGINEERING CORP.	
Bill Bestwick	3319 MAGUIRE BLVD ORLANDO, FL 32803	894-7555	FL. DEP.	
Eric Nuzie	Tall - FRBP	904/4817-3935	"	
Sam Patterson	7757 Bayberry Rd Tuckersville FL	904 730 6777	Brown Root	YES
Tom Leonardi	455 Fairway Drive Suite 200 Deerfield Beach, FL 33441	954-570-5885	Brown E. Root	
Yvonne Mills	100 W. Washington Street Orlando, FL 32801-2315	407/420-1010	GEC Geotechnical and Environmental Consultants, Inc.	
LT Bob Merrill	NTC / PRC	646-4430	NTC	