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MINUTES FROM 12 JULY 1995 RESTORATION ADVISORY BOARD MEETING NTC  
ORLANDO FL  
7/12/1995  
NAVFAC SOUTHERN

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**Meeting Summary**  
**Restoration Advisory Board**  
**Naval Training Center, Orlando**  
**July 12, 1995**

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The sixth RAB meeting was held on July 12, 1995 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:	1995 RAB Attendance Record
Attachment D:	Published Meeting Notice
Attachment E:	Community Mailing List Notice
Attachment F:	Community Sign-In Sheet

RAB members present at the meeting are listed below:

LCDR Catherine Ballinger	Thomas Nelson
Ben Breedlove	Nancy Rodriguez
Gina Edwards	Di Silkwood
Penelope Felger	Mark Solomon
Don Fuller	Todd Sorrow
Wayne Hansel	Geraldine Wojeck
Nancy Maloney	Thomas Yost

Support personnel present included:

Barbara Nwokike, Southern Division, NAVFACENGCOM  
Jim Manning, ABB Environmental Services, Inc.  
Mark Salvetti, ABB Environmental Services, Inc.  
Bill Kollar, ABB Environmental Services, Inc.  
Carol Brinati, Todd Persons Communications, Inc.

LCDR Ballinger, the Navy Co-Chair, welcomed the RAB and the community. Ballinger called the meeting to order at 7:00 p.m., noting that there was a RAB quorum at that time. Approximately eight members of the community were in attendance.

### RAB Administration

**Meeting Minutes:** Minutes of the June 8, 1995 RAB meeting were accepted without modification.

**RAB Meeting Schedule:** Co-Chair Ballinger reminded the RAB of the upcoming meeting dates of August 1 and September 7, and noted that the Board had not planned any meeting dates thereafter (**note: the August 1 meeting was subsequently canceled**). Discussion of a meeting schedule for the next nine months followed, including several options to accommodate commitments of individual members. It was resolved that the RAB Co-Chairs develop a proposed schedule at their next planning meeting and present it at the next RAB business meeting.

Mr. Hansel also mentioned the possibility of holding bi-monthly meetings in the near-term as the current round of Installation Restoration (IR) program field activities is winding up and analytical results are pending. The exception to this are the ongoing storage tank assessments and removals, but Mr. Hansel noted that these activities proceed in similar fashion and that a storage tank program overview had been presented to the RAB previously. Co-Chair Ballinger suggested that the RAB establish target meeting dates for each month, which could then be canceled well in advance if the Board found no need for a meeting.

**RAB Membership:** Community Vice Co-Chair Diane Silkwood discussed plans to send acknowledgment letters to community members who have recently expressed interest in joining the RAB. The letter advises that their applications have been received and will be considered under the process established for RAB membership selection. Silkwood confirmed that the RAB is looking for three or four new members from the current solicitation effort.

**RAB Meeting Location:** Ms. Silkwood asked if the Winter Park City Hall Commission Chamber would continue as the meeting location. Co-Chair Ballinger replied that the City had graciously made the room available, but that the RAB would have to work with the standing municipal meeting schedule to continue using the facility. Co-Chair Sorrow felt that the Commission Chamber was the best location the RAB has found to date, and suggested that the Board be flexible in its scheduling to ensure future use of the room. Sorrow offered to check the City's meeting schedule for the Chamber and factor it into RAB meeting scheduling.

#### **BRAC Accomplishments to Date/Upcoming Activities**

Mr. Wayne Hansel, BRAC Environmental Coordinator for the Navy, provided an update on ongoing and upcoming work at NTC, Orlando. Mr. Hansel prefaced his report by noting that nearly all IR field work with current funding has been completed, and that analytical results for several of the sampling programs are pending or currently being evaluated. The remaining field activity is well development and sampling at the Main Base Landfill (OU 1), which is expected to be finished in the next two to three weeks. Mr. Hansel added that efforts continue on securing funding for investigations at several sites which are associated with past U.S. Air Force activities at NTC, Orlando (reported on at the June RAB meeting).

Mr. Hansel also provided a status of the Storage Tank Management program. He reported that ABB Environmental Services (a Navy contractor) has completed field assessments for 24 tank sites and is currently preparing the associated reports. Bechtel (the Navy's remediation contractor) is scheduled to begin tank removals during the week of July 24. Hansel added that there is a large volume of tank work scheduled, but that the sites are addressed in a similar

fashion which allows for the timely completion of the work. Other specific items in the update included:

#### **Property Transfers:**

No additional parcels have been added to the Property Transfer list since the report at the June RAB meeting. Environmental Baseline Surveys for three properties scheduled for transfer to the City of Orlando (Buildings 7236 and 7241, McCoy Parks Area, and RTC Parks Area) are expected to be completed by the end of July (for the first two) and mid-August, respectively.

Mr. Hansel also indicated that the Florida National Guard has shown some interest in the Herndon Annex property, but that several programmatic issues need to be resolved regarding Herndon before any meaningful movement towards transfer can take place.

#### **Site Status:**

Mr. Hansel briefly reviewed the updated Non-UST/AST Investigation Synopsis with the Board, noting any changes in status. Significant changes included the determination that Lake Baldwin is considered transferrable, and recent well installation and sampling activities at OU 1. RAB questions on the synopsis are summarized later in this report.

#### **RAB Feedback: Report on U.S. Air Force Records Search**

RAB members provided little feedback on the report itself. There were questions on the schedule and funding for investigations at the former Air Force sites. Mr. Hansel offered that the schedule for this work is under development and that funding has been requested for the first quarter of 1996.

#### **Special Topic: Overview of Groups IV and V Field Work**

Mark Salvetti of ABB Environmental Services made a presentation on Groups IV and V field activities at NTC, Orlando. Key items of the presentation were:

- Identification of Group IV and V Study Areas (16 total)
- Operational histories of the Study Areas
- Methodology for the site screening program
- Detail on Study Areas 30, 35, 39, and 40.

Mr. Salvetti responded to questions from the RAB following the prepared portion of his report. These questions are summarized below:

**What is the thickness of the soil cover at the Bottle Landfill (Study Area 40)?** The soil cover at the Bottle Landfill appears to be very shallow as some of the landfill materials are visible on the surface.

Was any offsite sampling performed during the Groups IV and V site screening program?  
No. The need for offsite sampling will be evaluated during the next investigatory phase.

Who performs the laboratory analysis work associated with investigations at Groups IV and V sites, and what quality control procedures do they follow? Sample analysis will be performed by independent laboratories on a contract basis. These labs operate in accordance with the U.S. Environmental Protection Agency's Contract Lab Protocol. Typically, investigators will try to establish a working relationship with one laboratory for the course of an investigation. This approach has been found to expedite schedules and analytical turnaround times.

The quality assurance/quality control (QA/QC) procedures for investigations at Groups IV and V will be described in a workplan developed prior to commencement of field activities. Generally, QA/QC efforts for laboratory analyses include: collection and submittal of QC samples; assessment and validation of analytical data from the contract laboratory; and independent data validation by a second contract lab which specializes in the contaminants of concern. In addition, all field equipment used during sampling activities is subject to regular calibration and maintenance schedules.

#### Special Topic: Presentation on the Unexploded Ordnance (UXO) Report

BRAC Environmental Coordinator Wayne Hansel reported on recent investigations of potential UXO sites at NTC, Orlando. The key points of Mr. Hansel's report included:

- Identification of potential UXO sites
- Methodology for UXO site identification (research and field methods)
- Investigation results for each site

The potential UXO sites identified in Mr. Hansel's presentation include the following:

- Pond area at north end of McCoy Annex
- Ordnance storage bunker area at south end of McCoy Annex, including:
  - Storage bunkers
  - Burn furnace and demolition range

Mr. Hansel noted that no live ordnance was found at the burn furnace and demolition range site in the McCoy Annex bunker area, and that no further investigations are planned there. This area is currently the site of townhouses built in 1963. Following the prepared portion of his report, Mr. Hansel responded to questions from the RAB, which are summarized below:

What does the cross-hatching on the UXO report handout figures indicate? The cross-hatchings indicate areas of magnetic fields. The legend on the handout cross-references these areas to specific readings from field survey equipment such as magnetometers. These readings suggest whether detected buried objects are metallic or non-metallic materials.

Is there any more information on the suspected buried pipeline indicated on one of the handout figures? Not at this time. Given its location, the pipeline could be irrigation lines associated with a former golf course, or possibly storm sewer lines.

**Questions from the RAB on BRAC Cleanup Activities:**

(Note: Questions and answers are paraphrased.)

*What is the probable source of benzene detected at the Herndon Annex?*

A benzene plume has been detected in the lower levels of the water table in an area of the Herndon Annex. This is indicative of former petroleum sites such as storage tanks or spill areas. Research into past operations at Herndon shows that the likely benzene source is a fire-fighter training area operated by the U.S. Air Force from the World War II-era to as late as the 1960s. Groundwater flow is to the northeast and away from this potential source area, suggesting a second source of the benzene plume, perhaps associated with more recent activities of the Greater Orlando Aviation Authority (GOAA).

*Who is responsible for the cleanup at Herndon Annex?*

As owner of the property, the Navy is responsible for the cleanup. However, if contamination is shown to be the result of Air Force and Army Air Corps (the Air Force's predecessor) operations, Department of Defense funds for cleanup at former Army sites may be available for site cleanup. Discussions are currently underway between the Navy, the City of Orlando Reuse Commission, and GOAA regarding the cleanup and eventual transfer of the Herndon Annex property.

*Do prospective property owners of sites which may involve contamination from both Navy and non-Navy sources (such as Herndon Annex) have any input in establishing acceptable cleanup standards?*

Situations like the one described are somewhat unique in the BRAC program, and issues like acceptable cleanup standards will be addressed on a site-specific basis by the various parties involved. In the case of Herndon Annex, issues including cleanup funding and responsibility are currently being addressed prior to work on technical matters like establishing cleanup standards.

*How frequently are permanent monitoring wells sampled?*

Sampling schedules for permanent monitoring wells are dependent on the well location and the contaminants being sampled for.

*Does the latest Investigation Synopsis list reflect the priority of and schedule for all site investigations?*

Priority for site investigations is reflected in the site screening groupings on the list (Group I, Group II, etc.). Field studies are finishing up or have been completed for all Groups I, II, and III sites and for OU 1. ABB Environmental recently submitted proposals for Group IV and V site screening and for work at OU 2, and BRAC funding has been requested. The only sites at NTC, Orlando which have not undergone some level of physical investigation are some of the former Air Force sites discussed at the June RAB meeting.

*Why were no groundwater samples for PCB contamination taken at Rusk Memorial Chapel (Study Area 4)?*

Research indicated that a PCB spill at the site had been cleaned up to some degree prior to implementation of the IR program at NTC, Orlando. However, the cleanup documentation was insufficient and IR investigators elected to conduct soil sampling at the site. No significant PCB levels were detected during this sampling. As a result, no further actions were required and the property was deemed transferable.

*Will there be any further investigations at the Septic Tank/Leachfield (Study Area 5)?*

As soil and groundwater sampling analysis has shown no significant detections, there are no plans for further investigations at the site. A final determination will be made by the BCT once this analytical data has been validated.

*Is the PCE detected at the RTC 1st Lt. Storage Building (Study Area 3) similar to PCBs detected elsewhere at NTC, Orlando?*

No. Perchloroethylene (PCE) is a chemical commonly used as a dry cleaning solvent. Polychlorinated biphenyls (PCBs) were once used primarily as a cooling and lubricating agent in electrical transformers and industrial equipment.

*Is there a schedule for remedial action at the former Pesticide/Herbicide Storage area (Study Area 9)? Also, how have acceptable ecological risks and unacceptable human health risks been determined for the site?*

Remedial action at Study Area 9 has not been scheduled at this time due to projected transfer date for the property. Also, a detailed Remedial Investigation/Feasibility Study will be required if the site is designated as an Operable Unit. Risk evaluations for the site found acceptable ecological risks since no sensitive receptors such as threatened or endangered species or agricultural crops exist or are anticipated in the site area. Human health risks were determined to be unacceptable because of the conservative scenarios which are the basis for such assessments, such as exposure through ingestion of contaminated soil.

Navy Co-Chair Ballinger adjourned the RAB meeting at 8:32 p.m. The floor was then opened to the public for questions and comments.

#### Questions/Comments from the Community

*An official from the Greater Orlando Aviation Authority related his experience with the Department of Defense Formerly Used Defense Site (FUDS) environmental cleanup program, which had earlier been mentioned as a potential funding source for the Herndon Annex cleanup. The official noted that the FUDS program moves very slowly and does not have the property transfer incentive that BRAC-funded cleanup efforts have.*

The RAB noted the comment.

*A community member asked about the function of the RAB, and expressed a view that many in the community were unaware of its activities. The community member also suggested that several NTC-related issues which attract media attention are not being addressed by the RAB, and that the RAB could improve its outreach efforts to encourage more public involvement.*

The RAB Co-Chairs described the Board as a mechanism for exchanging information between the Navy and the community regarding the IR program at NTC, Orlando. It was noted that while the RAB serves in an advisory capacity, it also functions as a avenue for public oversight of the environmental program. RAB members also emphasized that the majority of the Board members live in neighborhoods proximate to the Naval Training Center, and attempt to represent these areas.

Regarding outreach efforts, public notices of all RAB meetings are placed in the Orlando Sentinel at least one week prior to the scheduled meeting date. In addition, notices are sent to a mailing list of nearly 250, most of whom are individual community members or community-based organizations. An Information Repository is located at the Orange County Public Library in downtown Orlando, where documents on the environmental program including RAB meeting summaries, are available for public review. Individual RAB members have also approached local neighborhood associations to facilitate public involvement.

Several RAB members noted that much of the media coverage associated with NTC, Orlando is centered on reuse and planning issues such as future land uses and the community impacts thereof. These topics are apart from the RAB's mission of advising the Navy on the Installation Restoration program.

**ATTACHMENT A**

**AGENDA**  
***NTC, Orlando Restoration Advisory Board Meeting***  
***July 12, 1995***

Opening Comments	RAB Co-Chairs
RAB Administration	RAB Co-Chairs
BRAC Update	Wayne Hansel BRAC Environmental Coordinator
Feedback - U.S. Air Force Records Search	RAB Members
<u>Special Topics:</u>	
•Field Work: Groups IV and V	Mark Salvetti- ABB Environmental Services, Inc.
•Unexploded Ordnance Report	Wayne Hansel- BRAC Environmental Coordinator
Close RAB Meeting	RAB Members
Community Questions and Comments	RAB Co-Chairs

## RAB SIGN IN SHEET

NAME
Donald G Fuller
W. Lee Ladd M. J. W.
THOMAS E YOST
Todd Currow
Tom Nelson
Catherine Ballinger
Larry Maloney MALONEY
Penelope Felger
Beri Wojcik
Di Silkwood
Yvonne Edwards

ATTACHMENT B (2 of 2)  
**RAB SIGN IN SHEET**

NAME
Nancy Rodriguez
Todd Kennedy (Excused absence)
Ben Bredlow

**Attachment C  
NTC Orlando  
RAB Meeting Attendance 1995**

RAB Member	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
C. Ballinger-NTC	X		X	X	X	X	X					
B. Breedlove-Community	X		X	X		X	X					
D. Clowee-FDEP	X		X	X	X	X						
G. Edwards-Community	X				X	exc.	X					
P. Felger-Community	X		X	X	X	X	X					
D. Fuller-Community	X		X	X	X		X					
W. Hansel-SouthDiv	X		X	X	X	X	X					
T. Kennedy-Community	X		X			X	exc.					
N. Maloney-Community			X	X	X	X	X					
T. Nelson-Community	X		X		X		X					
B. Olson-Community	X		X	X	X	X						
N. Rodriguez-USEPA	N/A		X	X		X	X					
D. Silkwood-Community	X		X	X	X	X	X					
M. Solomon-Community	X		X				X					
T. Sorrow-Community	X		X	X	X	X	X					
G. Wojeck-Community	X		X	exc.	X	X	X					
T. Yost-Community	X		X	X	X	X	X					
<b>X = attended meeting exc. = excused absence</b>												

# 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 clean up activities at the Naval Training Center. The meeting will be held on July 12, 1995 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 question and answer 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: Sign language interpreter is available upon request. Call using FRS to Lieutenant Commander Catherine Ballinger at (407) 646-4735V by July 10, 1995 to request interpreter services.



**ATTACHMENT E**

**ENVIRONMENTAL MEETING  
Restoration Advisory Board  
Naval Training Center, Orlando**

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

**When: 7:00 - 9:00 P.M.  
Wednesday, July 12, 1995**

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

The key topics of the meeting will be briefings on Groups IV and V field work and on the Unexploded Ordnance Report. Briefings will be provided by personnel from ABB Environmental Services, a consulting firm providing environmental services to the Naval Training Center, and by Wayne Hansel, BRAC Environmental Coordinator, respectively.

Community members are encouraged to attend the RAB meeting. An open question and answer period will be held after RAB business has been completed to address any community questions or concerns.

**Questions?  
Call Catherine Ballinger at 646-4735  
or Todd Sorrow at 356-7736.**

