

**NAVAL SUPPORT ACTIVITY MID-SOUTH  
RESTORATION ADVISORY BOARD MEETING MINUTES**

**Baker Community Center  
Millington, Tennessee  
Tuesday, November 28, 2000**

**Attendees:**

Mayor George T. Harvell, Co-Chair  
Captain Diane Lofink, Co-Chair  
Clayton Bullington  
Craig Chapman  
Russell Noble  
Jim Reed  
John Smith

**Welcome and Introductions**

Captain Diane Lofink opened the meeting at 6:30 p m and welcomed everyone.

**BRAC Cleanup Team Status Update**

***Base Realignment and Closure (BRAC) Sites of Interest***

Captain Lofink introduced Jim Reed. Mr. Reed (Southern Division, Naval Facilities Engineering Command - SOUTH DIV) informed the board that Debbie Vaughn-Wright (RPM) has been assigned to this project and will be attending the next meeting. He also updated the board on BRAC sites with work remaining. (Handout attached to these minutes.) In addition, he noted the following:

1. SWMUs 5 and 15 (Aircraft Fire Fighting Training Area and N-94 Underground Tank Farm) — Samples have been collected from the former tank pit at SWMU 15 and the results have been received. A work plan for the Corrective Measures Study (CMS) is being prepared. The work plan is being reviewed by USEPA and TDEC, so the time frame has yet to be determined.

Someone asked if specific actions could be discussed as possible technologies for these sites. John Stedman (EnSafe Inc.) said that there are at least three possibilities: dual phase extraction (vacuum extraction of both groundwater and subsurface gases), pump and treat (where groundwater is removed, treated, then discharged to the local sanitary sewer system or surface water after obtaining the proper permit), and excavation (where the soil is removed). At this point, they do not know which step will be used, but the CMS will evaluate each of these.

2. AOC A (Area of Concern A) — Two pilot-scale systems are being used. He noted that John Stedman would provide a presentation explaining the procedure further in the program. They have approximately one and a half months left to run. Parsons Inc. is doing the passive system, which is scheduled to run for another year.

***Environmental Restoration Navy Account (ERNA) Sites of Interest***

Captain Lofink introduced Clayton Bullington of the Tennessee Department of Environment and Conservation (TDEC). Mr. Bullington updated the board on ERNA sites (handout attached to these

minutes). Mr. Bullington advised the board that there were no new sites, the revisions for the RFI reports for Assemblies E and F had been received. The Navy is awaiting comments from the regulatory agencies.

1. SWMU 2 (Southside Landfill) — The RCRA Facility Investigation (RFI) Report and CMS Work Plan are expected at any time.
2. SWMUs 14, 46, and 39 (former Building S-140 Site, Hazardous Waste Accumulation Point for Building S-140, and the former PCB transformer storage area at Building S-74) — a CMS will be required. They are collecting samples to gather additional data for more specific results to be used in the CMS.
3. SWMU 17 (former underground waste tank and lines at Building S-9) — All of the work was completed this summer. The final report is being prepared.
4. SWMU 19 (former underground waste tank at Building 341) — They are waiting for the Navy Exchange Service Station to be demolished before they can proceed with soil removal.
5. SWMU 41 (Salvage Yard No. 2) — Drums containing low levels of Radium-226 are waiting to be removed from the site.
6. Gray Area Site (Facility 1278 - the Pistol Range) — This area may be pulled out of the federal range rule, which sets guidelines for cleaning up old firing ranges. If this occurs, it will be addressed separately. Mr. Bullington noted that this site will probably not be discussed again until there is something more concrete to report.
7. SWMU 24 (Auto Hobby Shop Waste Oil Tanks) and Buildings 394, N-114, and N-397 — Soil was removed from Buildings 394, N-114, and N-397 this summer. The final report is being prepared.
8. SWMU 22 (four former underground tanks west of Building S-75) — One underground waste tank and three petroleum-diesel tanks have previously been removed, and the excavations backfilled. Petroleum-impacted soil at the site still needs to be removed.
9. SWMU 3 (Building N-121) — The investigation of soil beneath the slab will begin after removal of the building, which is currently scheduled for December 2000. Mr. Bullington was asked if the investigation would include examination of the surface slab. Mr. Bullington replied that this decision will be based on previous sampling results. John Smith asked if there were any guidelines for sampling the slab. Mr. Bullington replied that a leaching test could be conducted on the concrete slab to determine if contaminants in the slab could leach out and into the groundwater, which would determine if the slab would be disposed as a hazardous waste when demolished.

#### **In-Situ Groundwater Pilot Study Report**

Captain Lofink introduced John Stedman (EnSafe Inc.). Mr. Stedman discussed the pilot system in place at Area of Concern A (AOC A). This system is intended to create conditions in the groundwater that speed the breakdown of the contaminants (chlorinated solvents) in the groundwater. The system creates alternating anaerobic (little or no oxygen) and aerobic (oxygenated) zones, and is therefore called anaerobic-aerobic sequential remediation, or A-A. The A-A system was installed in March 2000. The water has been sampled monthly since March. There will be one more sampling event for December, then the system will be shut down. (Handouts attached to these minutes.)

Mr. Stedman was asked if they are injecting foreign bacteria into the system. Mr. Stedman replied that they are only injecting acetate and ammonium phosphate.

Captain Lofink asked Mr. Stedman to clarify why they are shutting down the system if it appears to be working. Mr. Stedman said that shutting down the system will give them the opportunity to check concentrations of the contaminant after shutdown which will be useful in estimating a cleanup time.

#### **Suggested Changes to RAB Charter**

Captain Lofink introduced Keith Johns (EnSafe Inc.) to continue discussions of proposed revisions to the RAB Charter.

Mr. Johns said that the proposed revisions to the charter include several changes to simply update the charter from its original form, such as changing from NAS Memphis to NSA Mid-South. Some changes were suggested or needed because of the changing nature of the environmental program at the activity. Mr. Johns noted that the shift in focus, away from BRAC and property transfer, means a less intense pressure for quick cleanup or remediation. Other changes are the written expression of current operating practices or are standard at other RABs around the country.

He then read several of the more substantial of the proposed changes. He noted that these are the same as discussed in a previous RAB meeting, and were in the hands of each RAB member at the table.

- Section 4, Subparagraph C (scheduling meetings on a regular basis) was read and discussed. The slightly slower pace of investigations and cleanup will mean less to report or seek input on. Captain Lofink proposed that there should be three meetings per year (one every four months), down from the current quarterly meetings. There was no opposition. Therefore, the next meeting will be after 4 months, in March 2001.
- Section 5, Subparagraph B (the RAB's non-voting capacity) was read and opened for discussion. This simply adds the original operating premise to the charter, primarily to make sure it is clear to any future RAB members. There was no discussion or opposition, therefore, it will be added to the charter.
- Section 6 (Public Participation) was read and opened for discussion. This new section expands on some existing text and describes the various methods that the public is invited to participate in the RAB process. There was no discussion or opposition, therefore, it will be added to the charter.
- Section 7 (Membership Requirements) was read and opened for discussion. This new section adds several items regarding member participation, resignation, and new membership. There was no discussion or opposition, therefore, it will be added to the charter.

One error was noted in the numbering of the sections (Section VIII had been omitted). The document will be re-numbered and submitted for signature at the next RAB meeting.

#### **Update from the Millington Municipal Airport and Industrial Development Board**

Russ Noble updated the board on the progress of the Airport Authority. He reported that the terminal construction was running behind schedule, but the brick was currently being placed. They expect to complete construction and move into the terminal at the end of February. The terminal is expected to open in March.

For the Millington Industrial Development Board, Phil Whittenburg reported that he continues to show the property to prospective buyers and is getting the site ready for industrial development. He stated that site access, sewer, and water are being worked on.

**Closing Remarks**

Captain Lofink asked if there were any closing remarks. There were none. To involve the new EPA representative, Captain Lofink proposed that the exact date of the next meeting be scheduled after coordinating with Ms. Vaughn-Wright.

The next meeting date, in late March, will be announced to the members well before the next meeting.