

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

**Baker Community Center
Millington, Tennessee
Tuesday, April 25, 2000**

Attendees:

Mayor George T. Harvell, Co-Chair
Commander Bob McLean (for Captain Diane Lofink, Co-Chair)
Clayton Bullington
Craig Chapman
Brian Donaldson
Frieda Ellerbrook
Russell Neighbors
Jim Reed
Tom Seale

Welcome and Introductions

CDR Bob McLean opened the meeting at 6.35 p m for Captain Lofink. He welcomed everyone and relayed Captain Lofink's apologies for not being able to attend the meeting.

Update on Changes to the BRAC Cleanup Team (BCT)

Jim Morrison (Tennessee Department of Environment and Conservation - TDEC) made two administrative notes. First, he noted an addition to the agenda: Terry Templeton of TDEC would provide a presentation on the Environmental Coordinator position at TDEC. Mr. Morrison also announced that, since the BRAC (Base Realignment and Closure) work is complete, he would be leaving the project. He said that Clayton Bullington would be taking over the TDEC seat at both the RAB and the BRAC Cleanup Team.

Jim Reed (Southern Division, Naval Facilities Engineering Command - SOUTHDIV) introduced himself and gave an update on the Navy personnel working on this project. David Porter, he explained, is now working as SOUTHDIV's BRAC Environmental Coordinator for the Louisville, Kentucky facility. His shift was also related to the completion of the BRAC phase of work at Naval Support Activity Mid-South (NAVSUPPACT Mid-South). Mr. Reed noted that he was at NAVSUPPACT Mid-South not as a replacement for Mr. Porter, but to replace Mark Taylor, who has also been moved to another project.

Mr. Reed then noted that he had hoped to initiate a discussion on the future direction of the RAB. This discussion is relevant because of the change in focus for the environmental investigations. He said that only two responses to the mailed questionnaire were received. Therefore, the topic should be tabled to a future meeting when more information could be collected for discussion. He reminded those community RAB members in attendance that questionnaires were available that evening and could be completed and given to him before the end of the night.

BRAC (Base Realignment and Closure) Cleanup Team Status Update

BRAC Sites Update

CDR McLean introduced Brian Donaldson, of the US Environmental Protection Agency.

Mr. Donaldson provided an update on the BRAC Sites and referred the audience to the handout provided. The handout is attached to these minutes as a summary of this presentation.

Mr. Donaldson made several notes in reference to this handout:

1. The second remediation system planned for AOC A under the Corrective Measures Study, using vegetable oil in groundwater to enhance biological activity, is more of a passive system than the other.
2. A recent change in scheduling for the Turkey Shoot Area moved the anticipated soil removal to early June, instead of May 2000.
3. The lead-paint contaminated soil being removed at Building N-48 (the Water Tower) was to be shipped off-site to a regulated landfill.

Phil Whittenburg asked what materials were found during the investigation at SWMU 15. John Stedman (EnSafe Inc.) reported that benzene and some lighter hydrocarbons were found in the soil. He noted that the Corrective Measures Study was being revised to reflect this information.

Craig Chapman asked if these materials had reached the groundwater. Mr. Stedman said that they already knew those materials were in the groundwater, but they confirmed the location of the soil contamination in this latest investigation.

Frieda Ellerbrook asked about the future plans for the water tower. Mr. Whittenburg replied that there has been talk of transferring it to the Airport Authority, possibly for fire suppression use. He noted that he was not sure if this was still being considered or not.

ERN Sites Update

Clayton Bullington of the Tennessee Department of Environment and Conservation (TDEC) provided an update on the Environmental Restoration Navy (ERN) sites and referred the audience to the handout provided. The handout is attached to these minutes as a summary of this presentation.

Mr. Bullington made several notes in reference to this handout:

1. Referring to SWMU 2 (the Southside Landfill), he said that if monitored natural attenuation is possible for this contamination, then it would be evaluated during the Corrective Measures Study.
2. The petroleum-impacted soil to be removed from SWMU 19 (former tank at Building 341) should be done by December, 2000. The soil removal will not be scheduled until the NEX Service Station has been demolished.

Presentation on a New TDEC Position: the Environmental Coordinator

Terry Templeton, from the Memphis office of TDEC, explained to the RAB and the Millington community about a new position created at the Memphis Environmental Assistance Center of TDEC. The purpose of the new position, he said, is to assist both the regulated community and the general public with environmental information.

For the regulated community, this means assisting companies through the regulatory framework when they require several different permits. He said this position was also created to assist communities with environmental information as part of TDEC's state office of community outreach. The Environmental Coordinator is the local contact for environmental justice issues. The Environmental Coordinator is supposed to raise awareness of what TDEC is and what they do, including such issues as household hazardous waste.

Mr. Templeton displayed several examples of information he brought for distribution at the meeting, including one explaining the Environmental Coordinator position (included as an attachment to these minutes).

Mr. Morrison pointed out that Mr. Templeton should be a central point of contact for new companies locating on the Navy property. Specifically, they should contact Mr. Templeton for help in navigating the permitting process, even for one permit.

Aerobic/Anaerobic Groundwater Remediation Pilot Study Near Hangar N-126

CDR McLean then introduced John Stedman (EnSafe).

Mr. Stedman opened his presentation by showing a schematic drawing of the aerobic/anaerobic technology. He explained that they first needed to pinpoint the contaminated groundwater. Then, he said, they would add sucrose and nutrients to the groundwater to feed the naturally occurring bacteria. This would cause the bacteria to multiply, using up most of the oxygen in the groundwater and creating *anaerobic* conditions.

Monitoring wells would be placed in the groundwater flow to measure the effectiveness of the technology. The water would then be extracted at the end of the test path and re-circulated through the aquifer by injecting it again at the beginning of the cycle.

He showed the order of the wells, moving from upgradient to downgradient (upstream to downstream): first: injection wells, second: monitoring wells, third: extraction wells.

Mr. Stedman showed a series of photographs documenting the project's installation, as well as several photos of the system in operation. He pointed out that the components of the treatment system are locked in a small compound, behind six-foot-tall fiberglass walls (open at the top) to deter vandalism. In response to a question, he added that the entire system and the locked compound are within a secured area of the airfield apron.

Mr. Chapman asked how long it would be before they could begin to see results in the monitoring wells. Mr. Stedman said that their first round of samples had just been collected and analyzed by the laboratory, but he hadn't had the opportunity to evaluate those results. In a follow-up question, Mr. Chapman asked about the frequency of sampling, and the materials sampled for. Mr. Stedman reported that they sampled monthly for trichloroethylene (TCE) and perchloroethylene (PCE). He added that they sampled weekly for geochemical data (such as the dissolved oxygen content of the groundwater) to ensure the groundwater properties were conducive to biological activity.

Voluntary Removal Activities at NAVSUPACT Mid-South

CDR McLean introduced Rob Williamson, of the NAVSUPACT Mid-South Environmental Division.

Mr. Williamson first thanked everyone for their interest and attendance. He then gave a presentation on some of the activities being undertaken by the Environmental Division, especially Voluntary Corrective Action (VCA).

Mr. Williamson said that most of the Voluntary Corrective Action activity has been to remove petroleum-contaminated soil as part of the ERN program. Some were large, and some were small, but all were petroleum-contaminated soil. He listed some of the completed jobs: SWMUs 65 and 47, as well as Buildings S-235, N-1211, N-105, N-108, S-203.

Mr. Williamson then showed photographs of the work at SWMU 65, before, during and after the excavation. He explained that the Army Corps of Engineers was called in to perform the remediation. The Army Corps dug up soil and part of the concrete pad. He showed a photo of silt fencing they installed to prevent mud from the excavation from entering local waterways.

Mr. Williamson noted that they still had more to do. On the schedule are removals at SWMUs 24, 41, 43, 48 and 49 as well as Building S-394. He noted that SWMU 24 would be a big job and that more investigation was still needed at SWMU 49 (NEX Service Station).

Updates from the Millington Municipal Airport Authority and Industrial Development Board

Tom Seale provided an update from the Airport Authority. He said that it has been very active recently with many inquiries. Traffic and fuel sales have both increased in recent months, including use by more military aircraft. He said they have drawings for the new terminal building and are working toward that.

Mr. Seale said they have an FBO who is trying to develop some charter passenger flights which could possibly result in even more business for the new airport.

Mr. Whittenburg added that the military airport program has invested over five million dollars in the airport, including new fencing, repairs for broken concrete and more.

Reporting for the Industrial Board, Mr. Whittenburg announced that they now have title to the property and can aggressively market the land and the facilities. He said that, while they still need road access to the southwest corner of the property, water and sewer were ready to be used. He reported that they have three active prospects, so he was very encouraged and optimistic.

Mr. Chapman asked if there could be a review of some of the restrictions placed on land use as part of the Covenant Deferral Request. Mr. Whittenburg said that no child-related activities could be located in the "industrial-only" areas, which include areas east of the runway where little contamination has been found. He said that while very little had been found on the ground, additional sampling would have to prove that nothing was there before any restrictions could be lifted. Mr. Reed said that he would relay these concerns to SOUTHDIV.

Mr. Whittenburg noted to a questioner that there is a provision in the deeds that allows the restrictions to be lifted if they are proven to be no longer needed. He reminded everyone that they must be proven as no longer needed.

Mr. Williamson noted that Robert Smith (EnSafe), who has been working on the NAVSUPACT Mid-South project for several years, was moving to Knoxville and would very likely not be involved in the project any longer. He took this opportunity to introduce Ben Brantley (EnSafe) who would be visible at this and future RAB meetings.

Date and Agenda for Next Meeting/Closing Remarks

CDR McLean reminded the community RAB members to answer the questionnaire before leaving and return them to a member of the BCT.

The next meeting is scheduled for Tuesday, July 25, at 6:30 p.m.