



# THE MEMPHIS DEPOT TENNESSEE

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## ADMINISTRATIVE RECORD COVER SHEET

AR File Number 297

**Defense Distribution Depot Memphis, Tennessee**

**Meeting Minutes  
BRAC Cleanup Team**

**March 19, 1998**

**Meeting Minutes  
Base Cleanup Team  
March 19, 1998**

**In Attendance**

<u>Name</u>	<u>Organization</u>	<u>Phone</u>
Glenn Kaden	Memphis Depot Caretaker	(901) 544-0617
Jordan English	TDEC/DSF	(901) 368-7953
Ramon Torres	USEPA/Region IV	(404) 562-8513
Shawn Phillips	Memphis Depot Caretaker	(901) 544-0611
John De Back	DoD Base Transition Field Office	(901) 544-0622
James Covington	City of Memphis	(901) 942-4939
Terry Templeton	TDEC/DSF	(901) 368-7957
Dorothy Richards	CEHNC-PM	(205) 895-1463
Greg Underberg	CH2M HILL	(423) 483-9032
Terry Flynn	Frontline	(888) 848-9898
John Lore	OHM	(770) 453-7619
Denise Cooper	Memphis Depot Caretaker	(901) 544-0610

**Review of Last Month's Action Items**

<b>Disposition of Last Action Items</b>			
<b>Action Item</b>	<b>Responsible Party</b>	<b>Date</b>	<b>Status</b>
Provide risk assessment comments on the Golf Course Pond and Lake Danielson Risk Assessment	TDEC, EPA	2/24/98	Ramon Torres provided comments to DDSP-F.
Evaluate TDEC comments on the Golf Course Pond and Lake Danielson Risk Assessment	DDSP-FE	TBD	Responses to comments to be generated by contractor.
Schedule and attend the BCT process strategy meeting	DDSP-FE, EPA, TDEC, CEHNC, CH2M HILL	3/18/98	Meeting completed on 3/18/98.
Research reported historic fish kill in Lake Danielson	DDSP-FE	3/19/98	Shawn Phillips contacted previous and current DDSP-F staff, as discussed below. Additional contacts will be made as discussed below.

## Action Items from March BCT Meeting

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Action Items from March BCT Meeting		
Action Item	Responsible Party	Date
Respond to comments on pond risk assessment	COE Mobile - Ellis Pope	4/10/98
Research reported historic fish kill in lakes. Contact Randy Wilson and Christine Kartman regarding historical information on fish kills. Document and submit a memorandum to the record.	DDSP-FE/Shawn Phillips	4/23/98
Minutes - Change one sentence. Make correction to 2/98 minutes. Issue for signature.	DDPS-FE/Shawn Phillips	3/31/98
Research glass containers at Dunn Field.	Kurt Braun (Aniston), Dorothy Richards (USACHPPM), Phil Amido (Ft. Lee)	4/23/98
Review EPA Landfill/Presumptive Remedies.	DDMT-FE/Glenn Kaden EPA/Ramon Torres TDEC/Jordan English	TBD
Respond to EPA Groundwater Report Comments-TDEC.	CH2M HILL/Greg Underberg	4/16/98
Comments on Response to dieldrin meeting minutes.	DDSP/EPA/TDEC	4/23/98
Provide map of proposed fence at housing complex.	DDSP-FE/Shawn Phillips	3/20/98
Parcel 4 FOISL	Glenn Kaden	
April Agenda	DDSP-FE	3/26/98
Proposed Agenda Comments	BCT, Support Staff	4/2/98
Submit Dunn Field TCLP analysis data to TDEC	OHM/Steve Offner	4/10/98
Evaluate dieldrin concentrations in surface soil at each site for exceedance of 0.36 mg/kg criteria. Modify the assigned CERFA category accordingly.	CH2M HILL	4/23/98
Final Agenda	DDPS-FE	4/9/98
Submit Draft BCT Minutes	CH2M HILL	4/3/98

### Fish Kill in Lake Danielson and the Golf Course Pond

Shawn Phillips interviewed three employees who indicated that they observed fish being shoveled out of Lake Danielson in the 1992 to 1993 timeframe. He also interviewed Jewel Edwards who reported some second-hand knowledge that iodine may have been released into Lake Danielson during the same timeframe. Shawn also talked with Officer Everett Humphries who indicated that in late 1992 or early 1993 he observed (from "J" Street) fish floating on the lake. He did not investigate it; he just reported seeing it from his car vantage point. There was a discussion about a report from Pickering Environmental Consultants that there was a turnover in the lake due to erratic weather during the summer of 1993. That could have been responsible for the fish kill; however, this has not been

documented.

Jordan English commented that information on historic fish kills was somewhat of a moot point. The real issue of concern is if currently there are chemicals entering the pond that are impacting the fish. Mr. English suggested that the pond could be stocked with fish that could be later caught and sampled for potential contaminants. This action could serve as a controlled experiment to determine potential ecological uptake of chemicals. Mr. Phillips indicated that the Fish and Wildlife Service has taken that type of action using caged fish. It was determined that action on this matter would wait until Radian had completed their recommendations.

### **Discussion of Glass Containers at the Dunn Field Construction Site**

The BCT went into the field and looked at the containers that were unearthed during installation of the groundwater treatment system at Dunn Field. Green metal canisters, about the diameter of 35mm film containers and about 30% longer, each containing four small glass vials were found throughout excavated surface soil. Previous to the March BCT Meeting, there was discussion about sampling the material in the vials. However, after determining the small volume of liquid in the vials, sampling for a full suite (i.e., TCL/TAL) of chemical constituents was not practical.

The action items identified involve contacting Army facilities to evaluate the containers via photograph or physical sample and confirm the container contents. The Army facilities were Ft. Lee, Virginia, and the Army Historical Artifacts at the Anniston Depot, Anniston, Alabama. Information would also be provided to the United States Army Center for Health Promotion and Preventive Medicine (USACHPPM).

The sampling of the containers may occur at a later date if the contents are not identified. It would be desirable to focus the sampling to a specific suite of analyses to reduce the required sample volume. Mr. English also wanted to obtain from these agencies photographic documentation of the original containers rather than relying on a verbal confirmation.

There was some discussion about what to do with the soil and vials that OHM had already unearthed. The BCT decided to dispose of the soil as a landfill material and not leave the soil open to the environment. If sampling and characterization of the vials became necessary at a later point, the vials would be exhumed during the RI/FS effort. There was some discussion about whether we were going to be sampling every material associated with Dunn Field land disposal. The BCT took the action to review the presumptive guidance on military and industrial landfills and establish a procedure or requirement for sampling and identifying Dunn Field materials. Mr. English requested that the OHM sample that was collected for TCLP analysis be documented.

### **Dieldrin Criteria**

There was some discussion regarding how to apply the dieldrin surface soil criterion; the 0.360 mg/kg industrial Risk Based Criterion that was discussed and accepted by DDSP-F, EPA, and TDEC. The BCT concluded that the criterion would be used as an interim action level serving as a cleanup level applicable to sites currently being transferred under the BRAC process. The risk assessment, which would consider all constituents in the environment, may propose an alternate cleanup level in the future. At that time the

DDMT-specific risk-based criteria would be considered and may be used in succeeding remedial actions or property transfers.

CH2M HILL was tasked with evaluating the surface soil dieldrin data at each site to determine if concentrations exceeded the 0.36 mg/kg criterion. CERFA categories would be changed accordingly.

### **OHM Remediation Status**

John Lore discussed the schedule for installation of the Dunn Field groundwater extraction system and the soil removal at the housing areas. Both TDEC and EPA agreed to try to stay on schedule by reviewing documents within 30 days.

Electronic copies of the plans would be provided to TDEC to facilitate their review. Mr. English requested to review the type and configuration of the fence to be installed at the housing area. Mr. Phillips took the action to provide TDEC a map of the fence.

Mr. Lore stated that OHM would sample the 0- to 6-inch and 6-inch to 12-inch soil interval at the residential area before beginning the excavation.

The BCT also stated that the confirmation sampling of soil remaining in place at the residential area would be analyzed for a full suite of chemical constituents: chlorinated pesticides/PCBs, TAL/TCL, and PAHs.

There was some discussion regarding the need for an Operations and Maintenance (O&M) Plan that covered specific operations and monitoring issues with the extraction system. It was agreed that a meeting would be held on April 7 at the Corps of Engineers Offices in Tullahoma, Tennessee, to outline the plan. CEHNC, CE Mobile, OHM, and CH2M HILL staff would attend.

### **Depot Redevelopment Corporation (DRC) Update**

James Covington identified a potential customer for four of the 20 typical warehouses. A Finding of Suitability to Lease (FOSL) was requested within 30 days.

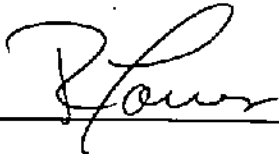
Information on dieldrin contamination and other chemical constituents observed in samples along the proposed industrial corridor would be provided to the Economic Development Association.

### **Proposed Agenda for April BCT**

- = Review of April RAB Meeting
- = DRC update
- = Dunn Field activities update
- = Other project update
- = O&M Plan for Dunn Field groundwater system

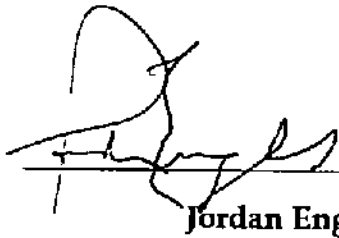
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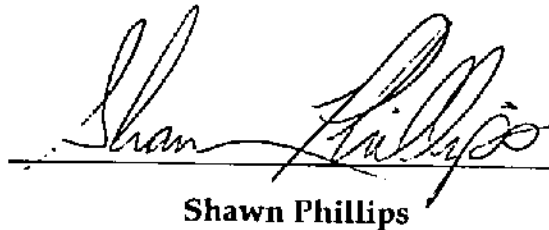
Ramon Torres

U. S. Environmental Protection Agency

 4/23/98

Jordan English

Tennessee Department of Environment and Conservation

 4/28/98

Shawn Phillips

Defense Logistics Agency

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