



# THE MEMPHIS DEPOT TENNESSEE

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## ADMINISTRATIVE RECORD COVER SHEET

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**FINAL**

**BRAC Cleanup Team**

**Meeting Minutes**

**January 16, 2003**

<b>BRAC Cleanup Team</b>	<b>Organization</b>	<b>Phone</b>
John De Back	Defense Logistics Agency (DLA)/Defense Distribution Center (Memphis)	(901) 544-0622
Turpin Ballard	Environmental Protection Agency, Region IV (EPA)	(404) 562-8553
James Morrison	Tennessee Department of Environment and Conservation, Memphis Field Office, Division of Superfund (TDEC)	(901) 368-7958
<b>Project Team</b>	<b>Organization</b>	<b>Phone</b>
Clyde Hunt	Memphis Depot/U.S. Army Corps of Engineers - Memphis	(901) 544-0617
Peggy DuBray	U.S. Army Corps of Engineers - Mobile	(931) 454-6630
Claude Leake	U.S. Army Corps of Engineers - Mobile	(251) 690-2318
Chris King	U.S. Army Corps of Engineers - Huntsville	(256) 895-1843
Ed Blocher	U.S. Army Corps of Engineers - Mobile	(251) 694-3662
David Buxbaum	U.S. Army SREO	(404) 524-5061
Robert Edwards	Mitretek Systems	(210) 408-5552
Stephen Offner	CH2M HILL	(770) 604-9182 x302
David Nelson	CH2M HILL	(770) 604-9182 x394
Virgil Jansen	Jacobs Engineering	(865) 220-4933

***Land Use Control Implementation Plan (LUCIP)***

Mr. John DeBack and Mr. Stan Citron have the Rev. 0 Version 1 for review.

***CERCLA 5-year Review***

Mr. DeBack reported that the document has been signed by Defense Depot Susquehanna, Pennsylvania and has received EPA concurrence.

***Main Installation Enhanced Bioremediation Treatability (EBT) Study***

Mr. Nelson reported that sodium lactate will be reinjected in Treatability Study Area 2 (Memphis Police Shop) in February, assuming that funding is received for the additional effort. A modification to the Task Order for this purpose has been forwarded to Huntsville. Sample results from Treatability Study Area 1 to date have indicated that the enhanced reduction process has been limited, most likely a result of the slow breakdown of vegetable oil. The BCT agreed to the reinjection of sodium lactate into Area 2 and additional sampling at Area 1. Mr. Robert Edwards explained that there might not be any detectable results from Area 1 and the vegetable oil injections for a while. He suggested, and the BCT agreed, that an additional six months of sampling on a monthly basis at Areas 1 and 2 should be sufficient to complete the study.

***Main Installation Transferable Parcels and Environmental Condition of Property (ECP) Category Codes***

The BCT identified several areas of the Main Installation as not yet eligible for transfer due to groundwater contamination and areas where active remediation might occur necessitating a fence. The BCT agreed that these areas would become ECP Category 6. Areas not yet eligible for transfer included the motor pool area, paint shop area, PCP dip vat area and the open drum storage area in the northwest corner. The BCT agreed the other areas would become ECP Category 4.

Mr. Jim Morrison voiced concern regarding PCP in groundwater and soil at the PCP dip vat site and under the pesticide shop. He requested additional surface soil samples and samples under the pesticide shop slab.

Mr. DeBack will finalize a map identifying the areas and will distribute it to TDEC and EPA for concurrence.

***Main Installation Long Term Monitoring (LTM) Well Locations***

The BCT discussed locations for the LTM wells. Locations will be based upon language developed in the Long Term Operating Areas (LTOA) Technical Memorandum, which will be included in the Main Installation Remedial Design (RD) Workplan. The final locations will be coordinated through Jacobs for installation.

There may be additional LTM well locations. The locations for these will be developed in a separate plan, which will also be submitted as part of the Intermediate Main Installation RD.

***Dunn Field Remedial Design (RD): Zero Valent Iron (ZVI) Pilot Study, Work plan Development, RD / RA Implementation Approach***

CH2M Hill presented several issues for BCT discussion regarding the Zero Valent Iron pilot study including the proposed location of the well barrier, further groundwater conductivity testing, groundwater flow rates being sufficient to push the iron through the barrier, and options to increase groundwater flow.

The BCT agreed to proceed with the ZVI pilot study.

Mr. Nelson proposed the following issues regarding groundwater flow through the PRB be included in the next revision of the Dunn Field Record of Decision: possible containment for flow enhancement, possible aquifer testing, understanding conductivity of the groundwater.

Mr. John De Back requested that CH2M Hill inform him when they are scheduling onsite work so he can properly inform the public of this. Hill will roll these items into the master schedule for review.

***Dunn Field Disposal Sites Pre-Design Work Plan***

CH2M Hill just received funding for the work plan.

***Dunn Field Schedule of Deliverables through ROD***

CH2M Hill will prepare the following Dunn Field Remedial Design packages as separate deliverables: Disposal Pits, Groundwater ZVI and PRB, and Soil Vapor Extraction. Mr. Offner will incorporate these deliverables into the master schedule and distribute it to BCT at a later date for review.

***Dunn Field Off-site Monitoring Well Access***

Mr. Ed Blocher reported that he had contacted the attorney for Production Specialties regarding property access to install a monitoring well. The BCT discussed Mr. Blocher's information as well as the need for the monitoring well at that location. Mr. David Buxbaum and Mr. Offner indicated the well was necessary to confirm that the groundwater contamination upgradient of Dunn Field was not associated with the Depot.

Mr. Buxbaum, Mr. Blocher and the BCT will meet later to discuss and plan how to obtain access to the Production Specialties property. A follow-up letter will be written after their meeting.

The BCT approved the location of the other two wells. Mr. Blocher will continue to pursue access to Memphis Light, Gas and Water property to install one of the wells. The BCT deferred pursuing access to Canadian or Burlington Northern railroad property at this time.

***Dunn Field Recovery System (Industrial Wastewater Discharge)***

Mr. Kraig Smith reported the annual report was sent to Ms. Peggy DuBray on January 10 and that all the monitoring wells were operating except RW1. He indicated that the recovery system piping would be replaced approximately 60 days after receiving the contract modification. Jacobs will also conduct maintenance on the recovery well caps at the same time the piping system is replaced.

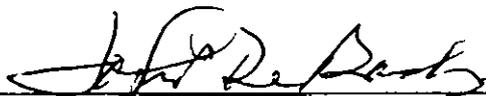
***Dunn Field Pistol Range Removal Action***

Mr. Bruce Railey will be on site when Jacobs begins excavation in approximately two weeks. Mr. Smith indicated he had applied for and was awaiting a building demolition permit. The BCT agreed that the permit was not necessary because the building was being demolished as part of a CERCLA cleanup, so work could proceed.

Mr. DeBack said a fact sheet to be distributed to the surrounding community will include information about the Pistol Range Removal Action and will address ordnance and explosives (OE) issues. The Dunn Field Feasibility Study should include information regarding the OE issues.

***Dunn Field Feasibility Study (FS), Proposed Plan (PP), Record of Decision (ROD)***

CH2M Hill will distribute the FS at the end of January. The Rev. 0 PP is currently being reviewed and comments are due by January 25. The Rev. 1 PP is scheduled for distribution on March 11. Mr. Offner will send Mr. Buxbaum Rev. 1 PP and the Rev. 0 ROD.



3/25/03

JOHN DEBACK

DATE

Defense Logistics Agency/Defense Distribution Center (Memphis)  
BRAC Environmental Coordinator  
BRAC Cleanup Team Member



3/25/03

TURPIN BALLARD

DATE

Environmental Protection Agency  
Federal Facilities Branch  
Remedial Project Manager  
BRAC Cleanup Team Member



3-25-03

JAMES MORRISON

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Tennessee Department of Environment and Conservation  
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BRAC Cleanup Team Member

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