

641

0

File: 541.460.000n  
C.H.



# THE MEMPHIS DEPOT TENNESSEE

---

## ADMINISTRATIVE RECORD COVER SHEET

AR File Number 641

641

1

File: 212.700.000.a  
C.H. 641

**FINAL**

**BRAC Cleanup Team**

**Meeting Minutes**

**November 15, 2001**

<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 (via telephone)	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	Corps of Engineers/ Depot Remedial Project Manager	(901) 544-0617
Rick Bowlus	Army Center for Health Promotion and Preventative Medicine	(410) 436-5208
Dorothy Richards	Corps of Engineers	(256) 895-1463
Peggy DuBray	Corps of Engineers	(931) 454-6630
Willard Williams	Corps of Engineers	(931) 454-3370
Stephen Offner	CH2M Hill	(770) 604-9182 x302
David Nelson	CH2M Hill	(770) 604-9182 x394
Virgil Jansen	Jacobs Engineering	(314) 770-4025
Kraig Smith	Jacobs Engineering	(615) 331-9232 x229
Benjamin Moore	ATSDR	(404) 562-1784
Trevor Smith Diggins	Frontline	(888) 848-9898
Denise Cooper	Cooper & Associates	(901) 767-1249

### **Project Review**

#### ***Building 949 Cleanup Closure***

Mr. Virgil Jansen reported that the cleanup was finished and that he was awaiting the remaining certificates of disposal. The closure report will be prepared upon receipt of the certificates.

***Building 308 Cleanup Closure***

Mr. Jansen reported that Jacobs Engineering was preparing the closure report and that he anticipated the report to be completed by November 30.

***Dunn Road Railroad Track Removal***

Ms. Peggy DuBray reported that the rail removal and repaving work was finished. The stripes remained to be painted and, once finished, the barriers would come down.

***RCRA Permit Status***

Mr. Turpin Ballard reported that he had discussed the permit situation with his RCRA division and that an enforcement decision was pending.

***Main Installation Long Term Operating Areas (LTOA)***

Mr. David Nelson reported that 17 of the planned 19 monitoring wells were installed across the Main Installation. Soil samples were collected from the vadose zone of the fluvial aquifer and analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs) and total organic carbon (TOC).

Two wells did not produce sufficient water - one well in the pentachlorophenol (PCP) dip vat area and one in the Building 702 area. As a result, these locations were abandoned according to specifications presented in the LTOA work plan. Two other new wells (MW100 and MW102) were found to be unusable because the grout curing melted the PVC casing and caused warping inside the well. A pump could not be lowered into either well during the development effort. As a result, two new monitoring wells for these locations were being reinstalled during the week of November 12. Mr. Kraig Smith will submit samples from these two wells for 7-day analysis turnaround.

Monitoring well MW-88 in the Police Department area may indicate that a perched aquifer exists beneath this area. Mr. Nelson indicated the team drilled through a fairly substantial water zone and then encountered a six-foot clay layer and stopped drilling. They did not drill through the clay layer to see if another water layer was present beneath this clay layer. The potentiometric surface map for this area will be drawn with the water table at MW-88 and without to see if the perched layer is present and what effect it may have on the fluvial aquifer.

Twenty-nine soil samples were submitted for VOC analysis. Results indicated limited detections. Soil samples containing slightly elevated levels above the detection limit of trichloroethene (TCE) and tetrachloroethylene (PCE) were collected near the water table and may be a result of volatilization from the water table or direct contact with the water table. Mr. Nelson indicated the data was in the quality assurance phase. Twenty-one samples were submitted for SVOC analysis. Results indicated detections of bis(2-ethylhexyl) phthalate (BEHP) and PCP. Soil samples containing relatively low levels of PCP were from soil collected 10 to 30 feet below the former PCP Dip Vat area. Mr. Morrison reported that TDEC also collected samples. Mr. Nelson continued that the TOC samples were collected to provide the data requested in the Remedial Process Optimization report.

Groundwater diffusion bags have been installed and will be removed by November 30. Mr. Nelson anticipated preliminary analytical results in December 2001. CH2M Hill has begun developing the LTOA technical memorandum, which will be submitted as part of

the Main Installation Remedial Design (RD) work plan. An updated potentiometric surface map for the RD work plan will be prepared upon receipt of survey data. Mr. Morrison requested the map as soon as it was prepared.

Mr. De Back asked if the RD would include well closure procedures, and Mr. Offner responded affirmatively that the RD documents would define monitoring well closure procedures.

#### ***BRAC Cleanup Plan (BCP) Status***

Ms. Denise Cooper reported that the BCP has been updated with information supplied by the Depot. The BCP update will be completed upon receipt of the master project schedule, anticipated by November 30, and financial information. The BCT requested that Ms. Cooper complete the update without the financial information and provide it to the Depot and BCT for review.

#### ***Dunn Field Groundwater IRA***

Mr. Jansen reported that the extraction system has been working at 100%. Data for the annual report has been collected, and Jacobs was preparing the report. Mr. Jansen asked if Waterway Experiment Station (WES) would provide the contour maps for the semi-annual report as in the past. Ms. Dorothy Richards will fund WES to provide the map for this report. Mr. Ballard suggested that the responsibility for producing the map transition from WES to Jacobs, as Jacobs will perform long-term operations and maintenance.

#### ***CWM Removal Action Report***

Mr. Clyde Hunt reported that the draft report was distributed to the BCT. Mr. Morrison anticipated providing comments by November 16, 2001. The final report will be forthcoming.

#### ***Dunn Field SVE Treatability Study***

Mr. Jansen reported that recent sampling of the venting or extraction wells, as required in the SVE work plan, resulted in a change of the type of air treatment unit needed to clean the air exhausted by the SVE treatability system. The mobile SVE unit subcontractor anticipated delivery in mid-December, but Mr. Jansen was hoping for an early December mobilization. Mr. Offner indicated that the Dunn Field Feasibility Study would be completed upon receipt of the SVE results.

Mr. Jansen indicated that the monitoring points had been installed. Upon receipt of the mobile unit, the extraction system would be constructed and the study would begin. Mr. Ballard requested that the reports include calculations of the total VOC mass removed.

#### ***Master Schedule***

Mr. Steve Offner provided a draft master schedule. The BCT discussed various issues that could impact the schedule and ways to meet the challenges. The BCT also discussed future primary documents and their place in the schedule.

#### ***Dunn Field Feasibility Study***

Mr. Offner requested a meeting with EPA and TDEC regarding the cleanup technologies and challenges envisioned for Dunn Field. Mr. Offner would coordinate the meeting.

***Finding of Suitability to Transfer (FOST) #3***

Mr. De Back requested that CH2M HILL and the BCT work together to identify parcels ready for transfer. Mr. Ballard discussed the timing issue for changing parcels to environmental condition of property category 4 (all remedial actions have been completed) and the Institutional Controls included in the deed. Mr. Ballard indicated Region IV would review the FOST only with a Land Use Control Implementation Plan (LUCIP) in place. He suggested that the LUCIP be approved prior to submitting a FOST. Mr. Hunt, Mr. Ballard and Mr. Offner will work together to prepare the LUCIP.

The BCT required the sampling results and updated potentiometric surface map being created from data collected during the LTOA investigation in order to identify areas not above groundwater contamination and, therefore, suitable for transfer.

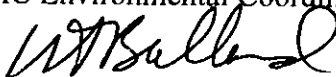


12/20/01

JOHN DE BACK

DATE

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



12/20/01

TURPIN BALLARD

DATE

Environmental Protection Agency  
Federal Facilities Branch  
Remedial Project Manager



12-20-01

JAMES W. MORRISON

DATE

Tennessee Department of Environment and Conservation  
Division of Superfund  
BRAC Cleanup Team member

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**