



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 948



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
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August 8, 2008

Mr. Michael Dobbs
Environmental Program Manager
Defense Distribution Center
DDC J-3/J-4E
2001 Mission Drive
New Cumberland, Pennsylvania 17070-5000

**Subject: DDMT Off-Depot Groundwater Final Remedial Design (Rev 0)
Defense Depot Memphis, Tennessee
TDoR ID # 79-736**

Dear Mr. Dobbs,

TDEC-DoR Memphis has completed its review of the Off-Depot Groundwater Final Remedial Design, Rev 0 (received May 2008), as compiled by E2M for DLA, and tentatively approves the outlined remedial strategy (Air Sparge coupled with an SVE system) pending the satisfactory response to the following TDEC comments.

General Comments:

1. In reference to the proposed natural attenuation (NA) for down-gradient portions of the plume with individual CVOC concentrations equal to or less than 50 micrograms per liter ($\mu\text{g/L}$) - Is there any supporting evidence (locally) that suggest concentrations in this range will attenuate naturally in aquifer conditions that are typically strongly aerobic?
2. Since the MCL's are not the target goals for the Air-Sparge/SVE System, the ROD should be amended to reflect the RGO's for the Off-Depot portion of the groundwater plume.
3. Clarify why certain portions of the plume in the vicinity of the Air-Sparge/SVE System above the 50 ppb total CVOC's will not be treated by the system (applicability vs. cost-effectiveness).

Specific Comments:

1. (See attachment)

If there are questions or comments, please call me at (901) 368-7910 or e-mail me at jamie.woods@state.tn.us.

Sincerely,



Jamie A. Woods
Geologist-Project Manager
Division of Remediation
Memphis Environmental Field Office

cc: Turpin Ballard, EPA Region 4
Thomas C. Holmes, e²M
TDoR NCO: file 79-736
TDoR MEFO: file 79-736


Summary of Comments on Memphis Depot Dunn Field Off-Depot Groundwater RD

Page: 30

Author: BG38123

Subject: Highlight

Date: 8/11/2008 11:33:38 AM

 Is this in addition to the estimated 5 year time frame?

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Author: BG38123

Subject: Comment on Text

Date: 8/11/2008 2:18:36 PM


 So essentially the HDD well is not considered feasible and will not be installed? Clarify

Page: 34

Author: BG38123

Subject: Highlight

Date: 8/11/2008 2:20:43 PM

 As in additional rows, or tighter spacing? Clarify

Author: BG38123

Subject: Highlight

Date: 8/11/2008 2:21:24 PM

 Monthly, Quarterly...Clarify

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