

# THE MEMPHIS DEPOT TENNESSEE

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## ADMINISTRATIVE RECORD COVER SHEET

AR File Number 528



DEPARTMENT OF THE ARMY  
HUNTSVILLE CENTER, CORPS OF ENGINEERS  
P.O. BOX 1600  
HUNTSVILLE, ALABAMA 35807-4301  
May 2, 1997

File: 541.460.000.6  
C.H. 528

528 1

REPLY TO  
ATTENTION OF

Programs and Project Management  
(CEHNC-PM-ED)

Jordan English  
Division of Superfund  
645 Perimeter Park  
Suite E  
2510 Mt. Moriah Road  
Memphis, Tennessee 38115-1520

Shawn Phillips

901-775-4372

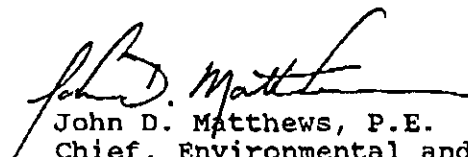
Dear Mr. English:

Preliminary investigations at Defense Distribution Depot Memphis, TN (DDMT) show that 1,1-Dichloroethene (1,1-DCE) and Tetrachlorethylene (PCE) are migrating onto the southwest corner of the installation. At present, the levels of PCE and 1,1-DCE are 23 µg/L and 47 µg/L respectively in well MW-47. Wells MW-22 and MW-23 show levels of PCE at 2 and 1 µg/L. These levels either exceed background, or both background and ARAR. Because of this data, the assumption that contamination is flowing onto DDMT is seemingly valid. This week CH2M Hill will obtain a water sample from MW-47 to look at seasonal variation within the aquifer. Because the groundwater potentiometric map shows the groundwater flowing on the installation, and the top of the clay contour map shows the clay sloping from the installation, this water level can be compared with previous data to try and ascertain correct groundwater movement at the southwest corner.

If the results verify that the contamination is indeed flowing onto the installation, we would be more than willing to offer you assistance in determining the source.

The DDMT would like to actively pursue this matter in order to insure the residents in the surrounding community that DDMT is not being negligent and is willing to cooperate with all parties for a safe and clean community.

Sincerely,

  
John D. Matthews, P.E.  
Chief, Environmental and  
Military Programs

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**