



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 162



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
MEMPHIS ENVIRONMENTAL FIELD OFFICE
SUITE E-645, PERIMETER PARK
2510 MT. MORIAH
MEMPHIS, TENNESSEE 38115-1520

June 6, 1996

Commander
Defense Distribution Depot Memphis
ATTN: DDMT-DE (Ms. Christine Kartman)
2163 Airways Blvd.
Memphis, Tennessee 38114-5210

RE: Groundwater Interim Remedial Action, Concept Design Submittal, May 1996
TDEC/DSF #79-736, cc 82

Dear Ms. Kartman:

The Tennessee Division of Superfund (TDSF) Memphis Field Office (MFO), on behalf of the Tennessee Department of Environment and Conservation, has reviewed the above-referenced document received in this office on May 23, 1996. Pursuant to the DSMOA and FFA, TDSF is providing the attached comments.

General Comments:

This document was apparently intended to be the 30% Report for the Groundwater IRA Design, although the transmittal letter refers to it as the 35% report. In either case, it is an inadequate document. Its actual status (30% or 35%) should be clearly noted in the document itself.

One of the main problems with the report is the lack of discussion about groundwater modeling that was to have been performed to support decisions about the number, placement, screen interval and depth, and pumping rates of the proposed extraction wells. Most of the document concerns itself with the engineering aspects of designing the discharge piping and actually pumping the water.

A major example of deficiency is Part III, Design Calculations. If groundwater modeling has been performed that supports the choice of well depth, screened interval, etc., it is not presented in this document. If this modeling has not been performed, then the Division is curious as to how the data in this section were generated.

Because of the overall inadequacy of this document for its stated purpose, the Division will not offer other additional, specific comments from a detailed review at this time.

Should you have any questions or concerns regarding these comments please call me at (901) 368-7957.

Very truly yours,



Terry R. Templeton, P.G.
Project Manager
TDEC/DSF-MFO

c: TDEC/DSF, NCO - file
TDEC/DSF, MFO - file
Dann Spariosu
United States Environmental Protection Agency
Federal Facilities Branch
345 Courtland Street, N.E.
Atlanta, GA 30365

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