



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 88

**FACT SHEET
INTERIM REMEDIAL ACTION
DEFENSE DISTRIBUTION DEPOT
MEMPHIS, TENNESSEE
DECEMBER 1994**

The objective of the Interim Remedial Action (IRA) is to insure protection of the Memphis drinking water supply. The IRA will prevent further movement of groundwater contamination in the shallow layer of water beneath the ground's surface known as the Fluvial Aquifer.

HOW DID THE GROUNDWATER CONTAMINATION OCCUR?

It appears that contamination may have been caused by past burial activities at Dunn Field. That is the Depot property located just north of Dunn Road. The burials took place primarily from the 1950's through the 1970's when burying waste was common practice. Items buried included products that had reached expiration such as medical items, food and hazardous materials. Construction debris was also buried there.

WHAT IS THE IRA?

The IRA will consist of a series of small wells located along the leading edge of the contaminated plume. Some of these wells could be located off Depot property. Groundwater will be pumped from the recovery wells, preventing any further movement of the plume in the Fluvial Aquifer. The groundwater pumped from the wells will be filtered if necessary to remove contaminants to an approved level acceptable for disposal into the city of Memphis sanitary sewer system.

The IRA will be conducted in phases because of the uncertainty surrounding the distance the groundwater contamination plume has migrated at the Depot. Initially, one well will be installed to determine how to space and how much to pump the future wells. Additional wells will be installed and sampled to determine how far the plume has migrated.

FINAL RESULTS OF THE IRA

The IRA will create a barrier to contain the contaminated groundwater so that it can not migrate farther into the groundwater until a permanent solution is reached.

WHERE TO REVIEW THE IRA

Copies of the IRA have been placed in the following information repositories for public review and comment:

Memphis Shelby County
Library Main Branch
1850 Peabody
Memphis, TN
(901) 725-8877

Cherokee Branch
Public Library
3300 Sharpe Avenue
Memphis, TN
(901) 743-3655

Memphis/Shelby County
Health Department
Pollution Control
814 Jefferson Avenue
Memphis, TN
(901) 576-7775

HOW TO COMMENT ON THE IRA:

Comments will be accepted until January 17, 1995, please send written comments on the IRA to:

Ms. Christine Kartman
Defense Distribution Depot Memphis
Environmental Protection and Safety Office, DDMT-DE
2163 Airways Blvd.
Memphis, TN 38114-5210

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE