

**PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT
AND SWMU ASSESSMENT REPORT**

UNIT NUMBER: 538

UNIT NAME: S-MST-01-01 and S-MST-01-02

DATE: 9/5/02

REGULATORY STATUS: SWMU

LOCATION: This SWMU is comprised of two satellite accumulation areas that are mobile and contained within the Groundwater Sampling Trailer #1.

This trailer is used to collect groundwater samples on and around the Paducah Gaseous Diffusion Plant.

APPROXIMATE DIMENSION: 4' X 4'

FUNCTION: Satellite Accumulation Areas (SAAs)

BRIEF HISTORY: According to GEO Consultants LLC (GEO), this area was created specifically to store F & U listed purge water and PPE associated with groundwater sampling activities.

OPERATIONAL STATUS: Active

DATES OPERATED: July 2002 to present

SITE/PROCESS DESCRIPTION: Storage of liquid waste and PPE that is F & U listed.

WASTE DESCRIPTION: Purge water and PPE from groundwater monitoring activities.

WASTE QUANTITY: This SWMU contains one 55 gallon drum for F & U listed liquid waste and one 55 gallon drum for F & U listed solid waste.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: N/A

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: There have been no known spills or releases of materials from these SAAs to the environment.

GROUNDWATER: N/A

SURFACE WATER: N/A

SOIL: N/A

ECOLOGY AFFECTED: None

DOCUMENTATION OF NO RELEASE: GEO maintains inspection records. There have been no known spills or releases of materials from these SAAs to the environment.

IMPACT ON OR BY OTHER SWMU/AOC: SWMU 458 is near this SWMU storage area. There was no evidence of any impact on or by any other SWMU.

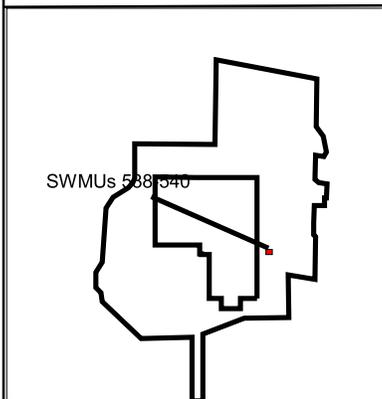
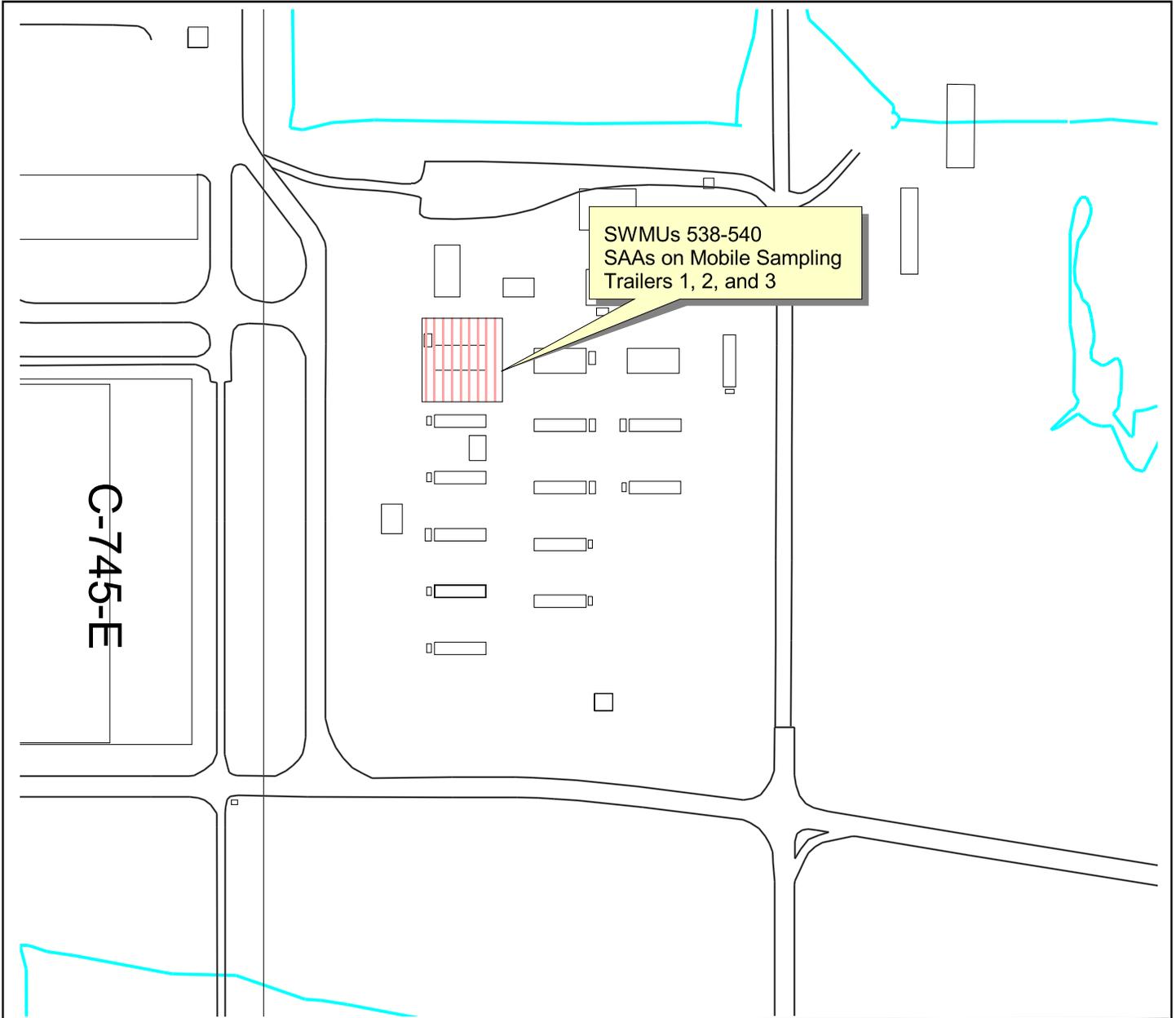
PRG COMPARISON: N/A

RFI NECESSARY: No. This area poses no threat to human health and the environment. No spills or other releases to the environment from this area are known.

NOTE: Elements included in this outline shall be considered and incorporated, as appropriate, when developing the above referenced document.



Satellite Accumulation Area – Groundwater Sampling Mobile Trailer 1 - SWMU 538



LEGEND:

-  SWMU 538-540 Area
-  Buildings

60 0 60 120 Feet



U.S. DEPARTMENT OF ENERGY

DOE OAK RIDGE OPERATIONS
PADUCAH GASEOUS DIFFUSION PLANT



BECHTEL JACOBS COMPANY LLC
MANAGED FOR THE US DEPARTMENT OF ENERGY UNDER
US GOVERNMENT CONTRACT DE-AC-05-98OR22700
Oak Ridge, Tennessee • Paducah, Kentucky • Portsmouth, Ohio

SWMUs 538-540 SAAs Located in Groundwater Sampling Trailers 1, 2, and 3

