

DMSA OS-13
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 224

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 03/15/09

REGULATORY STATUS: SWMU

LOCATION: South of the C-340 Facility.

APPROXIMATE DIMENSION OR CAPACITY: 2,200 ft²

FUNCTION: Temporary storage of materials.

BRIEF HISTORY: Empty vendor drums used for the C-340 reroofing project were stored at this location. This area was deleased by the United States Enrichment Corporation (USEC) to the U.S. Department of Energy (DOE) as a DOE Material Storage Area (DMSA) on December 31, 1996. In 1997 or 1998, the empty drums were transferred to a covered metal roll-off bin located next to the roped-off DMSA area.

From January 8, 2002, to January 9, 2002, DOE characterized materials in this DMSA in accordance with the DMSA Characterization/Remediation Plan, which was incorporated as Appendix E of the 2003 Agreed Order. The *Final Inventory and Characterization Report (FI/CR)* was submitted May 13, 2003, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on July 28, 2005. Resource Conservation and Recovery Act closure was not required for this SWMU, since no hazardous wastes were stored in this unit, per the 2003 Agreed Order.

PRESENT OPERATIONAL STATUS: Inactive.

DATES OPERATED: 1997-2002

SITE/PROCESS DESCRIPTION: An outside DOE storage area located within the security fence area.

WASTE DESCRIPTION: DMSA currently is empty. The low-level waste formerly stored consisted of 49 empty 55-gal drums with lids and lid clamping rings. Reusable material formerly stored included a roll-off bin. A detailed description of the characterized waste can be found in the FI/CR.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 1,824.8 ft³

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: No sampling of environmental media has occurred.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: None Known

GROUNDWATER:	None Known
SURFACE WATER:	None Known
SOIL:	None Known
ECOLOGY AFFECTED: (i.e., threatened/endangered species):	None Known

DOCUMENTATION OF NO RELEASE: No documents were identified indicating a spill or release at this unit.

IMPACT ON OR BY OTHER SWMU/AOC: There is no evidence that this SWMU impacts or is being impacted by other SWMUs.

PRG COMPARISON: N/A

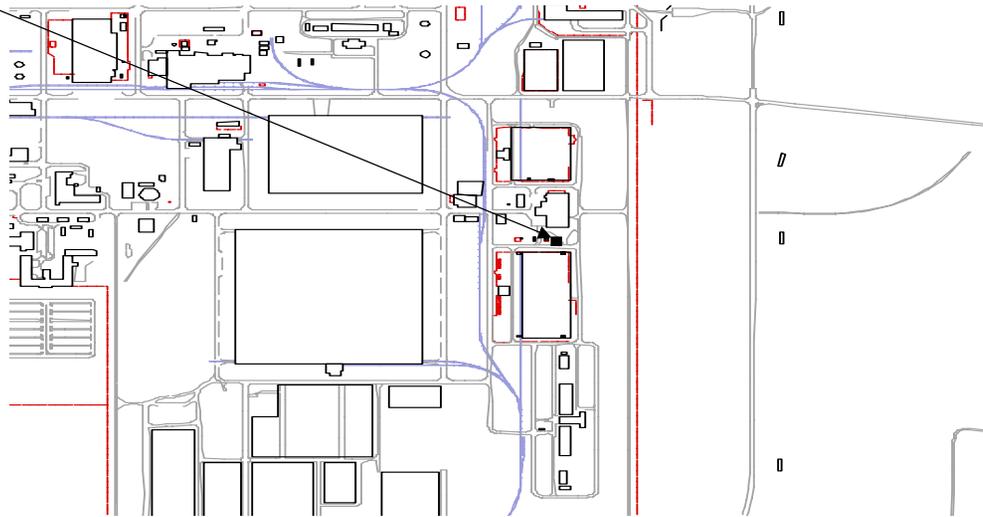
RFI NECESSARY: No. This unit is being proposed for no further action since it is no longer active, has no evidence of releases to the environment, and is not believed to pose a risk to human health or the environment

OPERABLE UNIT ASSIGNMENT: Soils Operable Unit

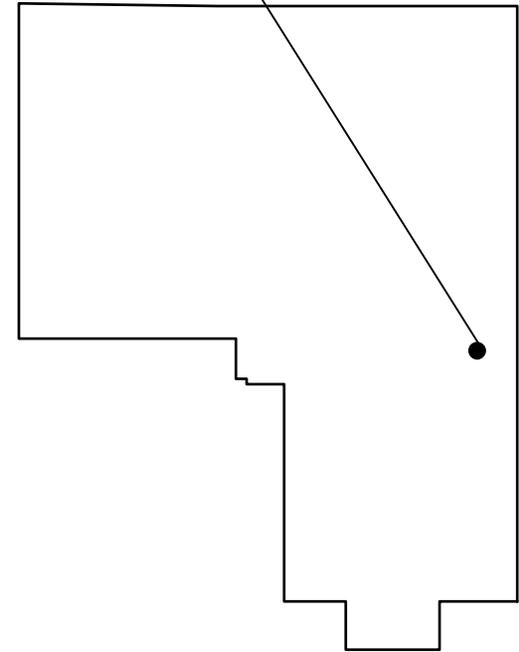


**SWMU 224
DMSA OS-13
August 26, 2008**

SWMU 224
Outside
DMSA-13



SWMU 224



Paducah Gaseous Diffusion Plant

Outside Areas - SWMU 224

U.S. DEPARTMENT OF ENERGY
DOE PORTSMOUTH/PADUCAH PROJECT OFFICE
PADUCAH GASEOUS DIFFUSION PLANT



Figure No. OS-13-224
Date 11-10-08