

DMSA C-337-31
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 334

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 03/15/09

REGULATORY STATUS: SWMU

LOCATION: East wall of the C-337 Process Building at column N48-49.

APPROXIMATE DIMENSION OR CAPACITY: 282 ft²

FUNCTION: Temporary storage of materials.

BRIEF HISTORY: This storage area was created in 1993 and released by the United States Enrichment Corporation to the U.S. Department of Energy (DOE) as a DOE Material Storage Area (DMSA) on December 31, 1996.

From February 2006 to January 2007, 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 March 8, 2007, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on May 22, 2007.

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: 1993 to 2008

SITE/PROCESS DESCRIPTION: An inside DOE storage area located near the east wall of the C-337 Process Building.

WASTE DESCRIPTION: This SWMU currently is empty. Newly generated RCRA regulated hazardous/mixed waste removed consisted of fuses, light bulbs, capacitors, circuit boards, and one rechargeable battery. The Toxic Substances Control Act regulated polychlorinated biphenyl (PCB) waste formerly stored included small capacitors. Since they were radiologically contaminated, the small capacitors also were categorized as PCB/low-level waste (LLW). The LLW formerly stored varied from small items such as a box of metal tubing to large items such as two freezer sublimator panels and steam heaters. Ten other freezer sublimator panels formerly stored were categorized as solid waste. A detailed description of the characterization can be found in the FI/CR.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 1,035 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: None

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

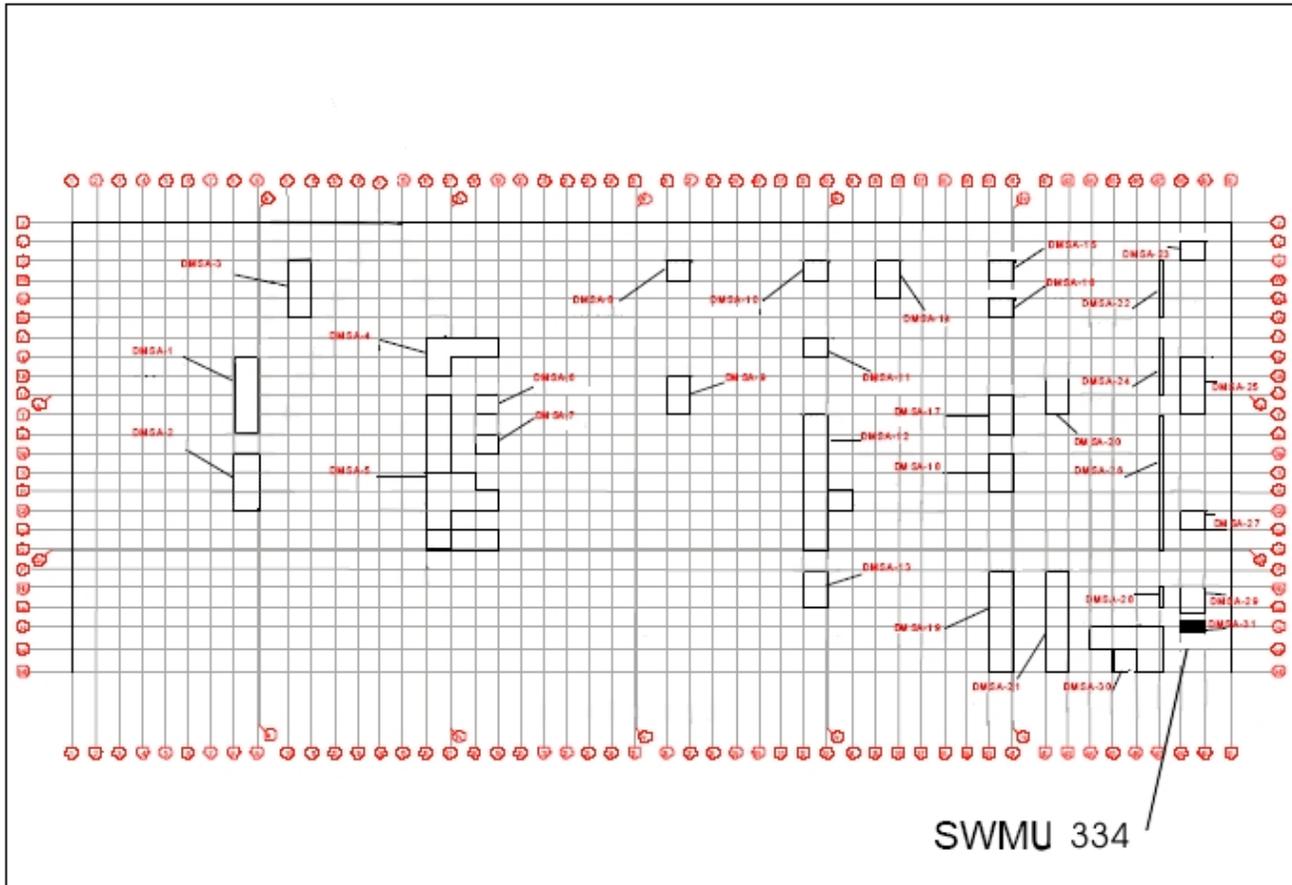
PRG COMPARISON: N/A

RFI NECESSARY: No. The SWMU is inside an operational process building with a concrete floor. This unit is being proposed for no further action since it no longer is active, has no evidence of releases to the environment, and is not believed to pose a risk to human health or the environment.

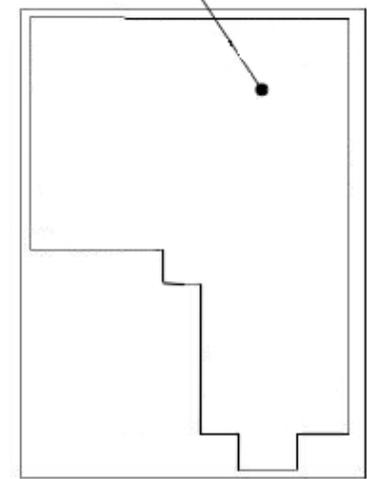
OPERABLE UNIT ASSIGNMENT: N/A



**SWMU 334
DMSA C-337-31
February 2007**



SWMU 334



Paducah Gaseous Diffusion Plant

SWMU 334

LEGEND
□ OFFICIAL DOE DMSA PER 12/31/96 AGREEMENT BETWEEN DOE AND USEC



C-337 Ground Floor, North Half- SWMU 334

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

