

DMSA C-337-19
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 326

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 03/01/10

REGULATORY STATUS: SWMU

LOCATION: Northeast quadrant of the C-337 process building between columns Mb40-41y/P40-41y.

APPROXIMATE DIMENSION OR CAPACITY: 2,585 ft²

FUNCTION: Temporary storage of materials.

BRIEF HISTORY: This storage area was created in 1987 as a supplemental waste storage area when the generation rate of polychlorinated biphenyl (PCB)/low-level waste (LLW) exceeded the capacity of existing Toxic Substances Control Act (TSCA) storage facilities. 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.

From October 2007 to February 2008, DOE characterized the 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 on March 31, 2008, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on April 25, 2008. This area was subsequently used for staging of characterized LLW waste from other DMSAs until May 15, 2009.

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: 1987 to 2009

SITE/PROCESS DESCRIPTION: An inside DOE storage area located in the northeast quadrant of C-337 Process Building.

WASTE DESCRIPTION: This SWMU currently is empty. The TSCA regulated waste formerly stored included ditch sediments, sewage sludge, gravel, concrete, and soil and fill rock. The LLW waste formerly stored consisted of wood pallets and secondary containment materials. Reusable material formerly stored included wood pallets. A detailed description of the characterized waste can be found in the FI/CR.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 4,227 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.

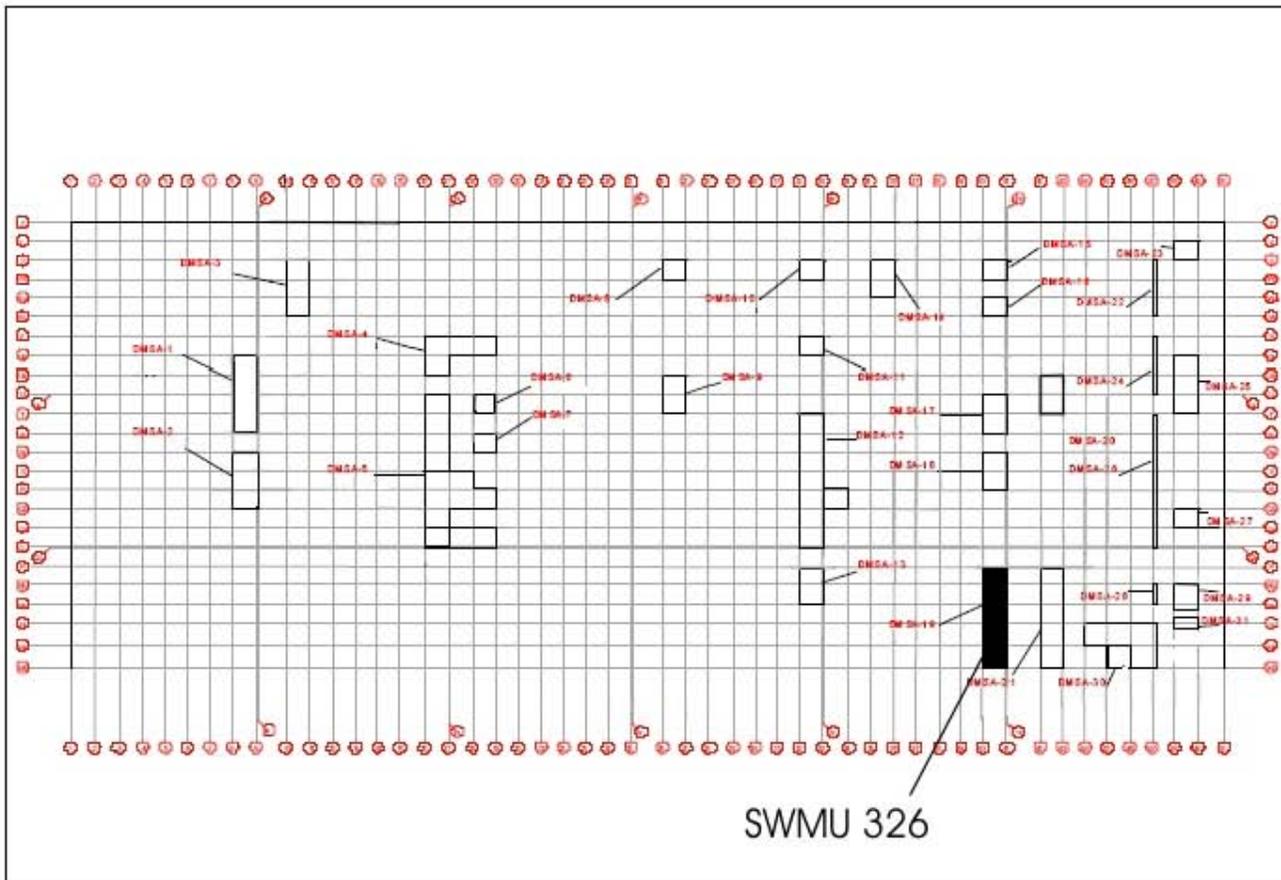
PRG COMPARISON: N/A

RFI NECESSARY: No. This SWMU is located in an active process building with a concrete floor. All wastes have been removed from this DMSA. 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.

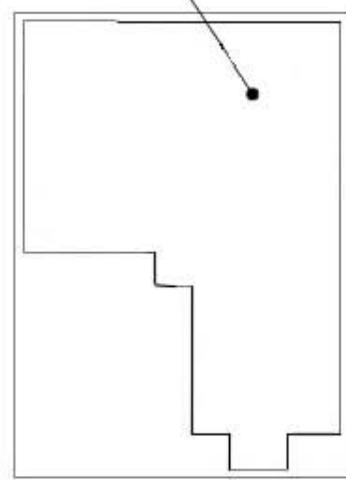
OPERABLE UNIT ASSIGNMENT: N/A



**SWMU 326
DMSA C-337-19
November 2, 2009**



SWMU 326



Paducah Gaseous Diffusion Plant

SWMU 326

LEGEND

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



C-337 Ground Floor, North Half- SWMU 326

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

PADUCAH
Remediation Services
A PortageShaw Joint Venture Company