

DMSA C-337-39
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 342

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 02/02/05, 03/15/09

REGULATORY STATUS: SWMU

LOCATION: In the C-337 Process Building between columns F40-41/Ga40-41.

APPROXIMATE DIMENSION OR CAPACITY: 975 ft²

FUNCTION: Temporary storage of materials.

BRIEF HISTORY: In the late 1980s the generation rate of polychlorinated biphenyl (PCB)/low-level waste (LLW) exceeded the capacity of existing Toxic Substances Control Act storage facilities. As such, locations in C-337 were established as supplemental waste storage areas. This area was deeded 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. The PCB waste was removed from this area prior to February 2001.

In February 2001, DOE began characterization of 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 DMSA was empty of material at the start of the characterization activities. Subsequent to an underground water line break that occurred in April 2007, DMSA field personnel inspected this DMSA in June 2007, and verified that the DMSA contained no wastes/materials. The Final Inventory and Characterization Report (FI/CR) was submitted on August 6, 2007, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on September 6, 2007. Resource Conservation and Recovery Act closure was not required for this SWMU, since no hazardous wastes were discovered in this unit, per the 2003 Agreed Order.

PRESENT OPERATIONAL STATUS: Inactive

DATES OPERATED: 1987 to 2007

SITE/PROCESS DESCRIPTION: Open floor space located inside the C-337 Process Building.

WASTE DESCRIPTION: The SWMU currently is empty. Formerly stored PCB/LLW drums.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 730 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. The SWMU is located in an active process building with a concrete floor. All wastes have been removed from this SWMU. 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.

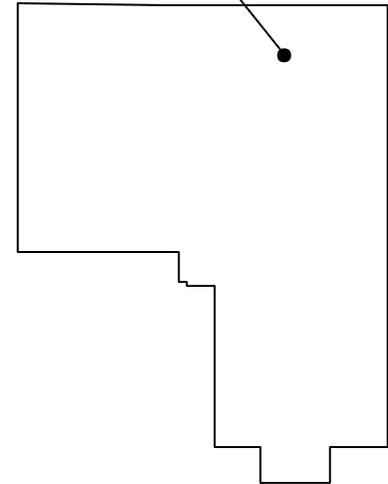
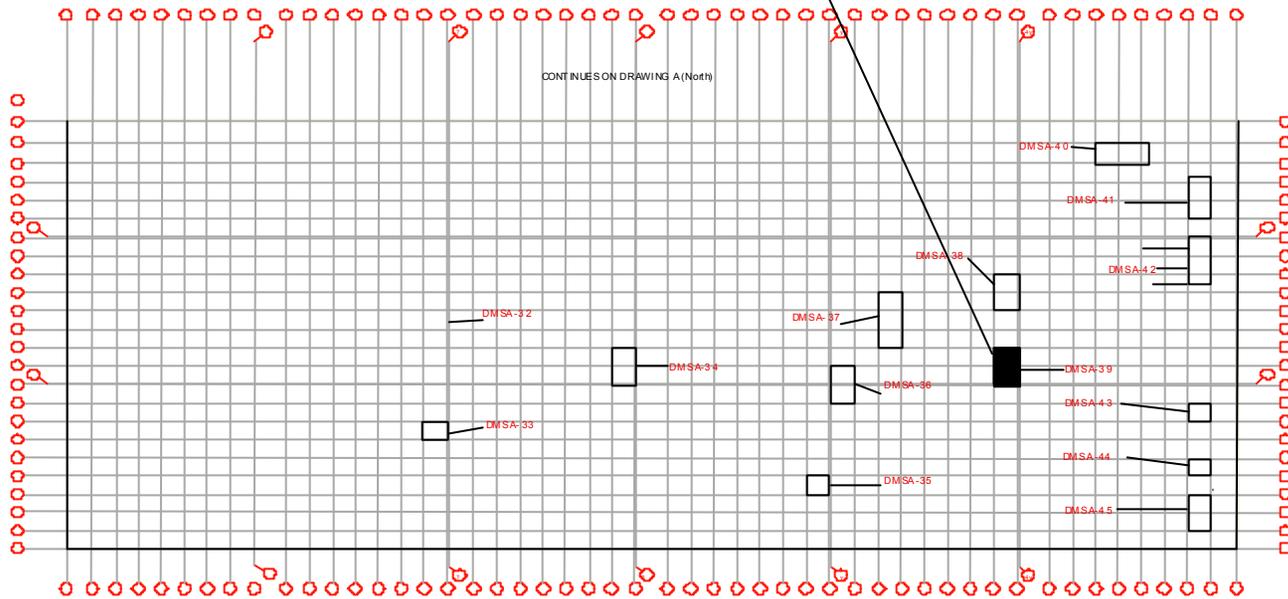
OPERABLE UNIT ASSIGNMENT: N/A



SWMU 342
DMSA C-337-39
July 17, 2007

SWMU 342

SWMU 342



Paducah Gaseous Diffusion Plant

LEGEND

 OFFICIAL DOE DMSAs PER 12/31/96

AGREEMENT BETWEEN DOE AND USEC



C-337 Ground Floor, South Half- SWMU 342

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



Figure No. C-337-39-342
Date 11-21-00