

DMSA C-335-02
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 298

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 03/15/09

REGULATORY STATUS: SWMU

LOCATION: Northwest corner of the C-335 Process Building between columns B30-34/C30-34.

APPROXIMATE DIMENSION OR CAPACITY: 613 ft²

FUNCTION: Temporary storage of materials.

BRIEF HISTORY: Most of the material storage areas in the C-335 Process Building were created to consolidate excess material and equipment scattered throughout the building in order to provide additional nonradiological floor space. This area was deleased 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 June 2006 to March 2008, 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 19, 2008, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on June 17, 2008.

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 2008

SITE/PROCESS DESCRIPTION: An inside DOE storage area located in the northwest corner of the C-335 Process Building.

WASTE DESCRIPTION: This SWMU currently is empty. The Toxic Substances and Control Act regulated polychlorinated biphenyl bulk product waste (e.g., items with applied dried paint) formerly stored consisted of motors and mort operators. These waste items also were classified as low-level waste (LLW) due to radiological contamination. No asbestos-containing material was present in the DMSA. Examples of LLW formerly stored included expansion joints, motors and motor parts (i.e., stator coils and end bells), storage racks, pallets, and miscellaneous metal items. A detailed description of the characterization can be found in the FI/CR.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 2,311 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.

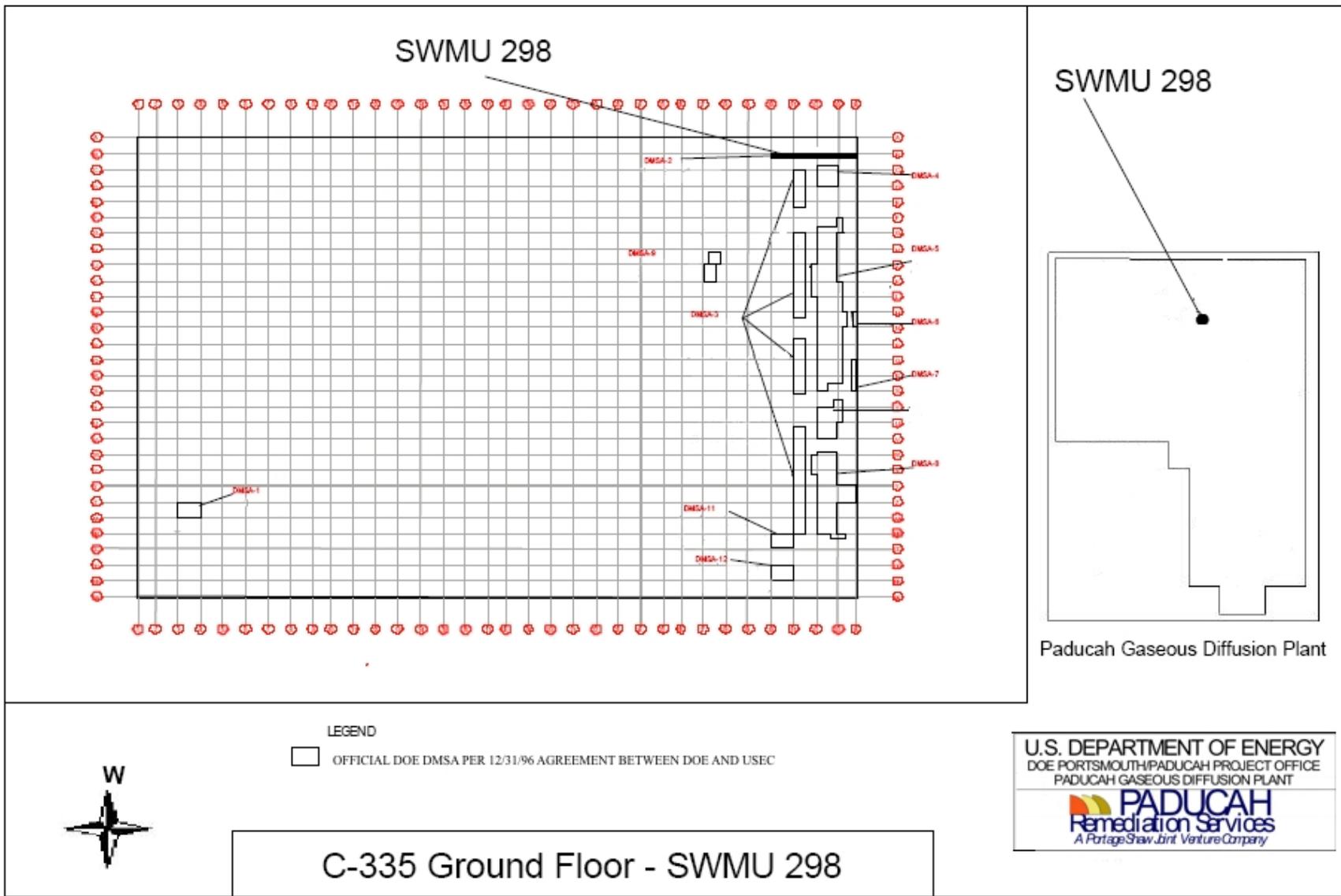
PRG COMPARISON: N/A

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.

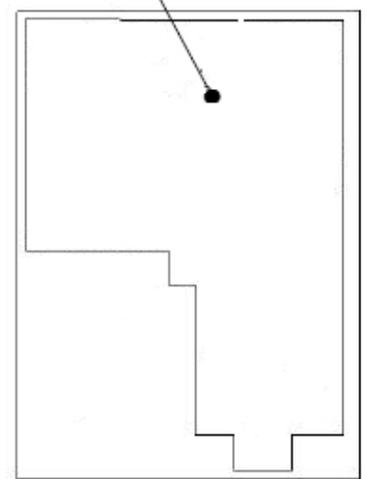
OPERABLE UNIT ASSIGNMENT: N/A



SWMU 298
DMSA C-335-02
March 28, 2008



SWMU 298



Paducah Gaseous Diffusion Plant

LEGEND
[Red Box] OFFICIAL DOE DMSA PER 12/31/96 AGREEMENT BETWEEN DOE AND USEC

C-335 Ground Floor - SWMU 298

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

PADUCAH
Remediation Services
A PortageShaw, Inc. Venture Company