

DMSA C-335-01
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 297

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISION: 03/15/09

REGULATORY STATUS: SWMU

LOCATION: Southeast quadrant of the C-335 process building at columns Z3-4/AA3-4

APPROXIMATE DIMENSION OR CAPACITY: 550 ft²

FUNCTION: Temporary storage of materials

BRIEF HISTORY: Between 1987 and 1999, this area was used for the storage of miscellaneous materials. In 1996, 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). In 1998 to 1999, the DOE established a Memorandum of Understanding with USEC to handle/disposition materials in the DMSAs. The materials in this DMSA were characterized and dispositioned during this time frame. The Final Inventory and Characterization Report (FI/CR) was submitted November 21, 2005, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on September 29, 2006. 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 1999

SITE/PROCESS DESCRIPTION: An inside DOE storage area located in the southeast quadrant of the C-333 process building.

WASTE DESCRIPTION: The SWMU currently is empty. The low-level waste formerly stored included small metal items, such as signs, pipes, rings, and metal banding and copper tubing. The solid waste formerly stored included metal signs, pipes, rings, and metal banding and copper tubing. A detailed description of the characterized waste formerly stored in the SWMU can be found in the FI/CR.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 1,456 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.

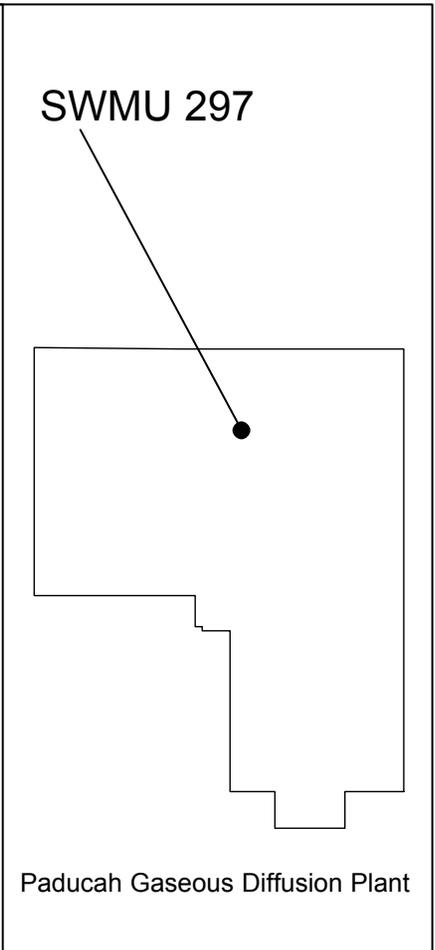
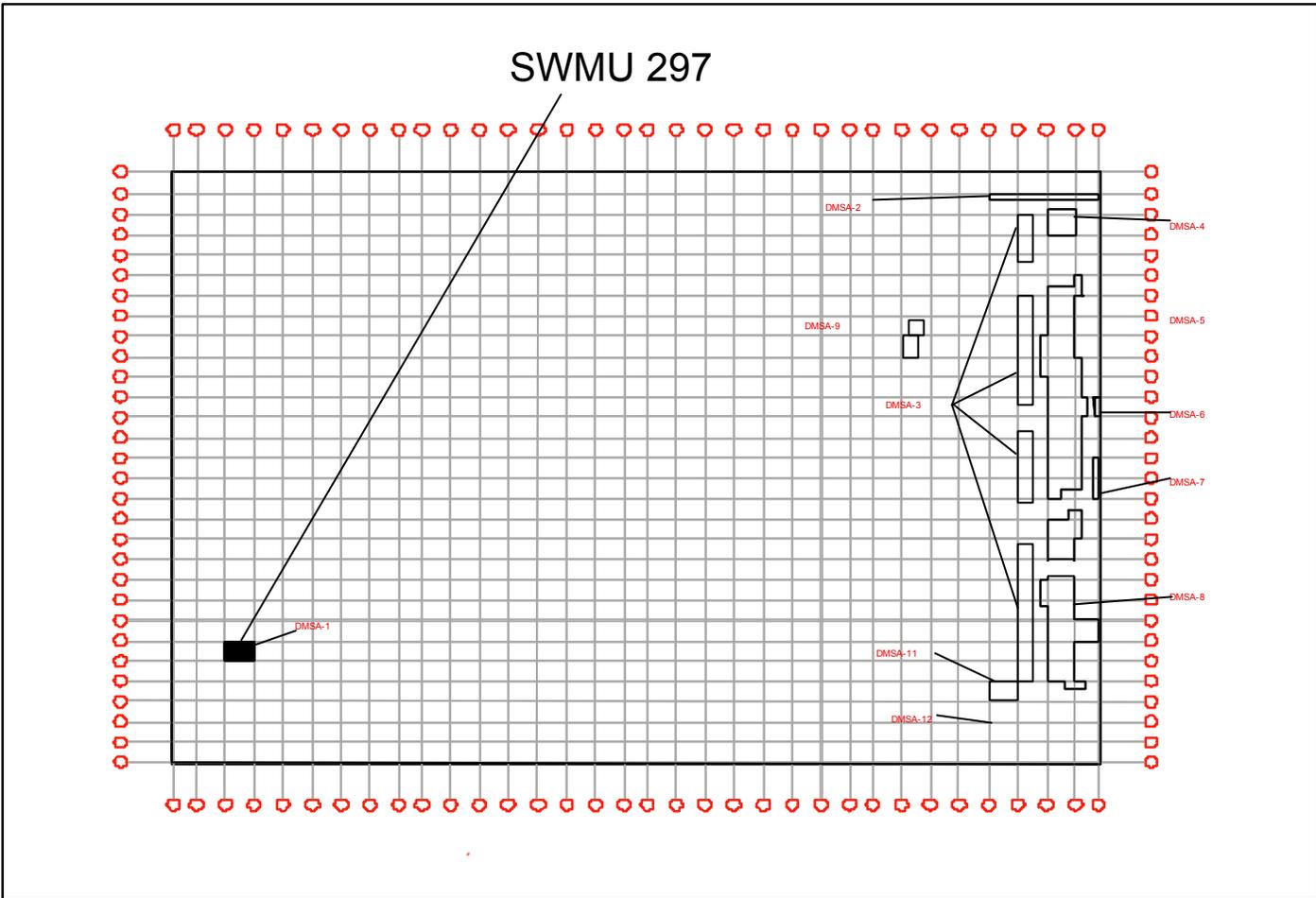
PRG COMPARISON: N/A

RFI NECESSARY: No. The SWMU is inside an operational 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 297
DMSA C-335-01
View Facing West
October 17, 2007



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



C-335 Ground Floor - SWMU 297

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



Figure No. C-335-01-297
 Date 03-14-08