

DMSA C-335-11
Solid Waste Management Unit (SWMU) Assessment Report

UNIT NUMBER: 306

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISION: 03/15/09

REGULATORY STATUS: SWMU

LOCATION: Northeast quadrant of the C-335 process building at columns BB30/31-CC30/31

APPROXIMATE DIMENSION OR CAPACITY: 484 ft²

FUNCTION: Temporary storage area for materials

BRIEF HISTORY: Most of the storage areas in C-335 were created during the Rad Area Reduction Project conducted from 1993 to 1995, in which the excess material and equipment scattered throughout the building was consolidated into storage areas to provide additional nonradiological floor space. 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 September 2006, DOE characterized the materials in this DMSA in accordance with the DMSA Characterization/Remediation Plan, Appendix E of the 2003 Agreed Order. The Final Inventory and Characterization Report (FI/CR) was submitted November 15, 2006, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on April 27, 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 2006

SITE/PROCESS DESCRIPTION: An inside DOE storage area located in the northeast quadrant of the C-335 process building.

WASTE DESCRIPTION: The SWMU currently is empty. The low-level waste formerly stored included sandbags, metal guards, metal strips, stanchion, assumed asbestos brake pads, pipe tee on metal pallet, plastic strips, plexiglass, scrap wood, and transformer fan control panels. A metal dumpster was characterized as reusable material. 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 168 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.

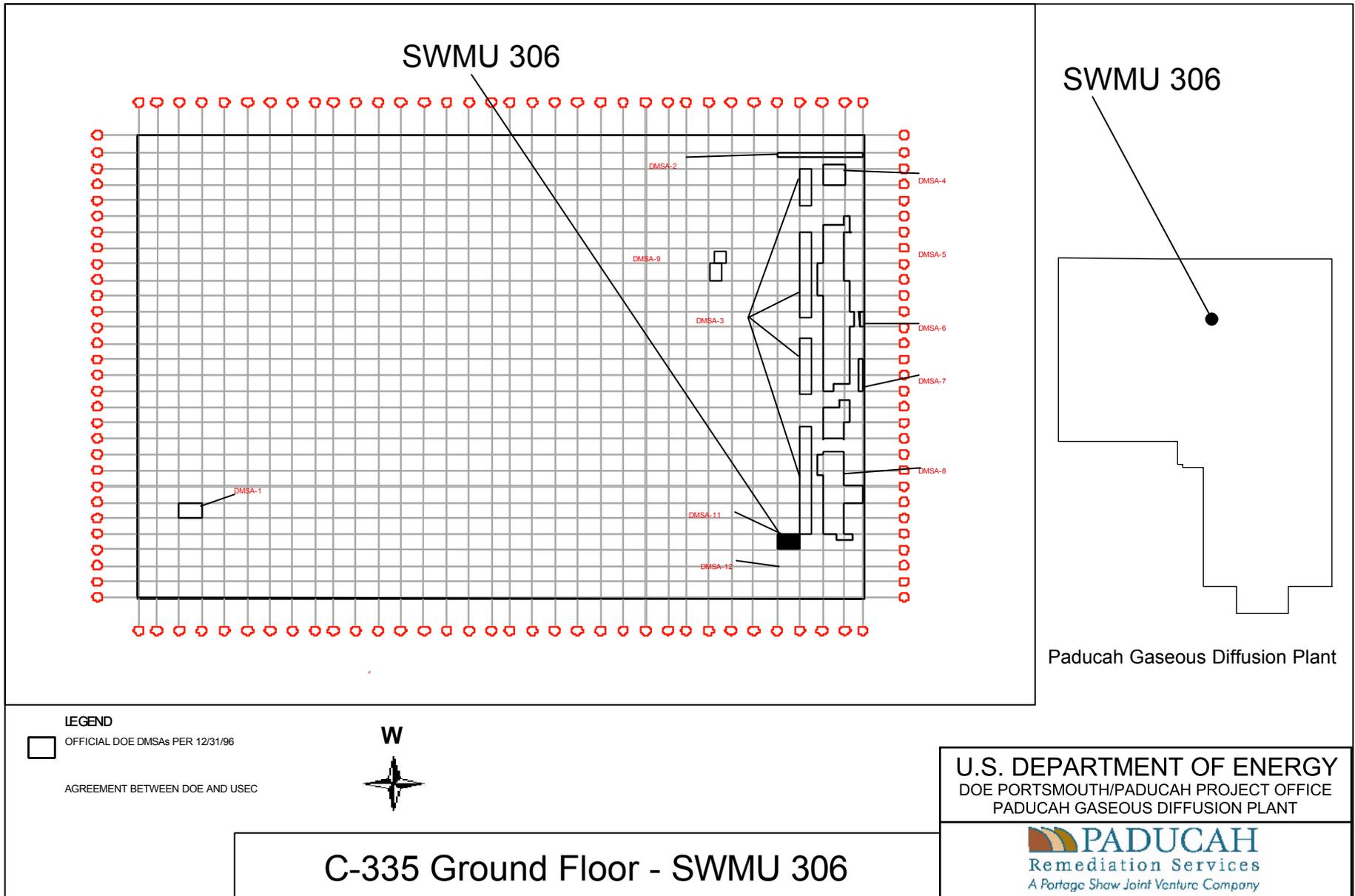
PRG COMPARISON: N/A

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: NA



SWMU 306
DMSA C-335-11
View Facing North
October 17, 2007



SWMU 306

SWMU 306

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



C-335 Ground Floor - SWMU 306

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



Figure No. C-335-11-306
 Date 03-14-08