

DMSA C-331-07
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 241

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 12/01/09

REGULATORY STATUS: SWMU

LOCATION: Western side of the C-331 Process Building at columns P9-10/Q9-10.

APPROXIMATE DIMENSION OR CAPACITY: 350 ft²

FUNCTION: Temporary storage of materials

BRIEF HISTORY: Most of the storage areas in C-331 were created during the Rad Area Reduction Project, conducted from 1993-1995. The objective of this project was to consolidate excess material and equipment scattered throughout the building to provide additional nonradiological floor space.

This area was released 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 March 2002 to October 2002, 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 April 22, 2003, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on April 15, 2004.

Resource Conservation and Recovery Act (RCRA) 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 2002

SITE/PROCESS DESCRIPTION: An inside DOE storage area located in the C-331 Process Building.

WASTE DESCRIPTION: The SWMU currently is empty. The low-level waste formerly stored consisted of a large wooden box containing two five-ft relief check valves. A detailed description of the characterized waste can be found in the FI/CR.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 110 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.

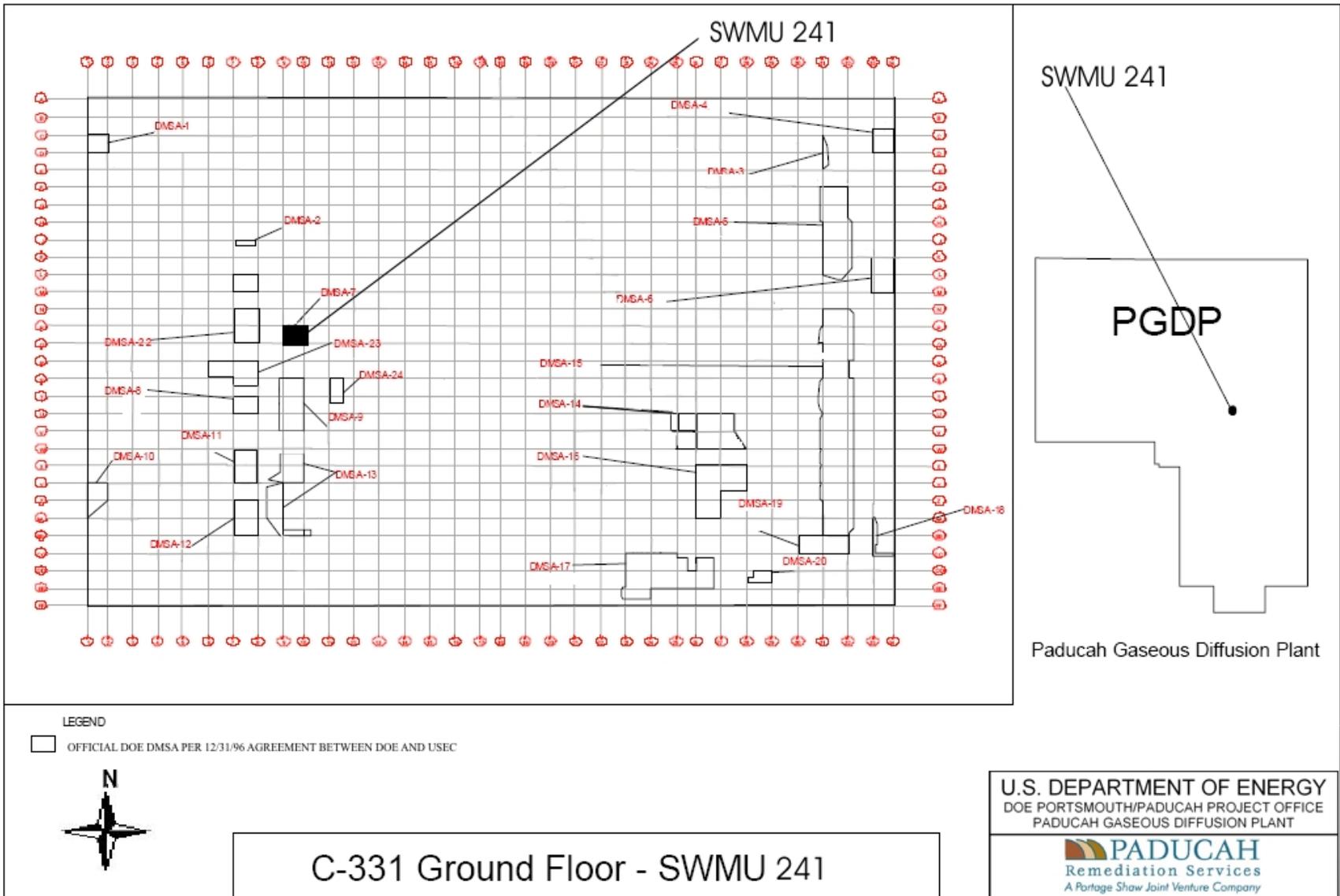
PRG COMPARISON: N/A

RFI NECESSARY: No. The SWMU is inside an operational process building with a concrete floor. 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 241
DMSA C-331-07
March 18, 2003



C-331 Ground Floor - SWMU 241

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

PADUCAH
Remediation Services
A Portage Shaw Joint Venture Company