

**DMSA C-335-06**  
**Solid Waste Management Unit (SWMU) Assessment Report**

**SWMU/AOC NUMBER:** 302

**DATE OF ORIGINAL SAR:** 12/01/00

**DATE OF SAR REVISIONS:** 03/15/09

**REGULATORY STATUS:** SWMU

**LOCATION:** North wall of the C-335 Process Building between columns M34/N34.

**APPROXIMATE DIMENSION OR CAPACITY:** 111 ft<sup>2</sup>

**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:** 1994 to 2008

**SITE/PROCESS DESCRIPTION:** An inside DOE storage area located on the north wall of the C-335 Process Building.

**WASTE DESCRIPTION:** This SWMU is currently empty. The Toxic Substances and Control Act regulated PCB bulk product waste (e.g., items with applied dried paint or plastic insulation from wire or cable) formerly stored consisted of a process motor stator and cable reel with cable. 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 cell housing material, process pipe and pipe spools, roll stand rollers, and miscellaneous metal items. A detailed description of the characterization can be found in the FI/CR.

**WASTE QUANTITY:** Currently 0 ft<sup>3</sup>; waste quantity removed 451 ft<sup>3</sup>.

**SUMMARY OF ENVIRONMENTAL SAMPLING DATA:** No sampling of environmental media has occurred.

**DESCRIPTION OF RELEASE AND MEDIA AFFECTED:** None Known

<b>GROUNDWATER:</b>	None Known
<b>SURFACE WATER:</b>	None Known
<b>SOIL:</b>	None Known
<b>ECOLOGY AFFECTED:</b> (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.

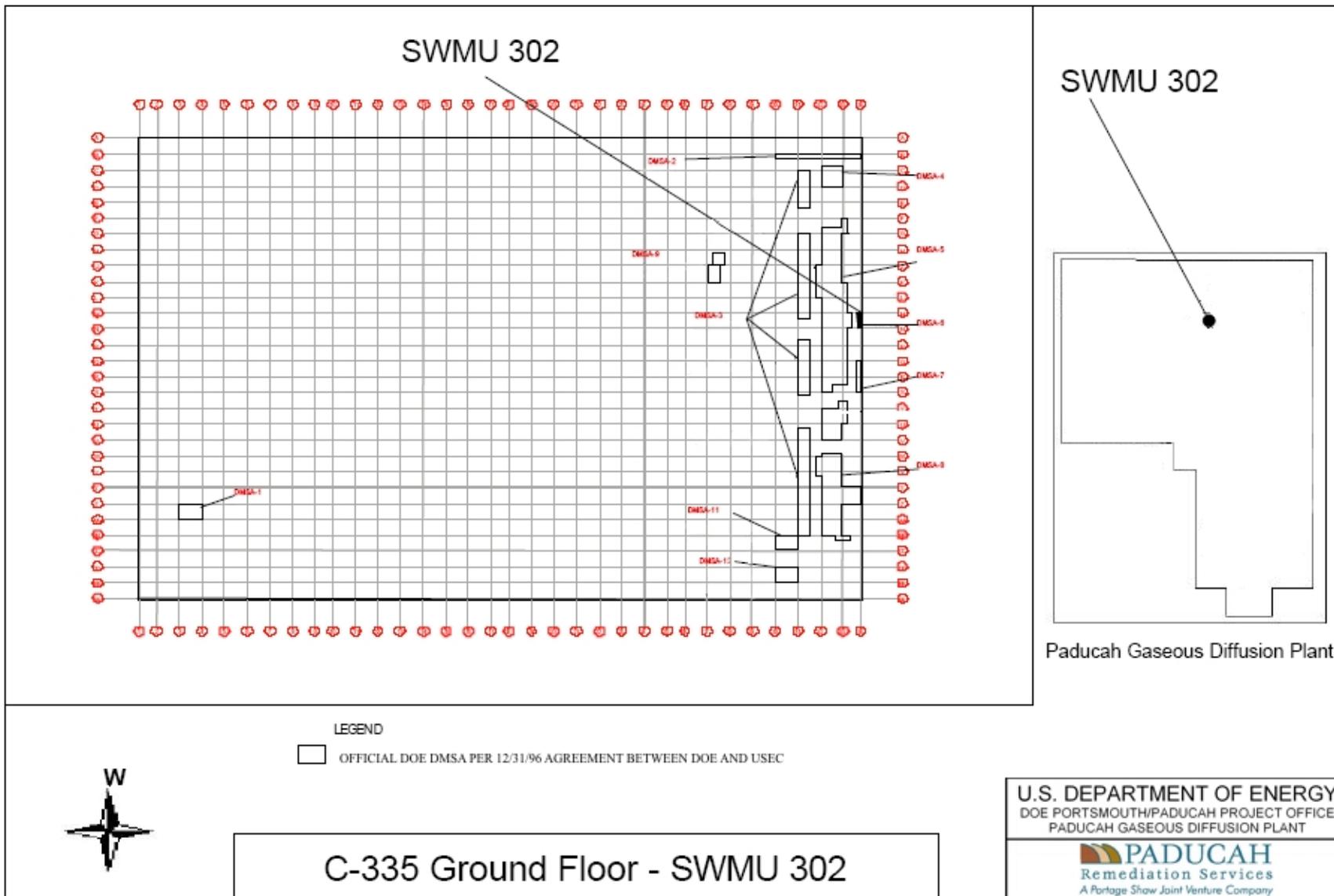
**PRG COMPARISON:** N/A

**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.

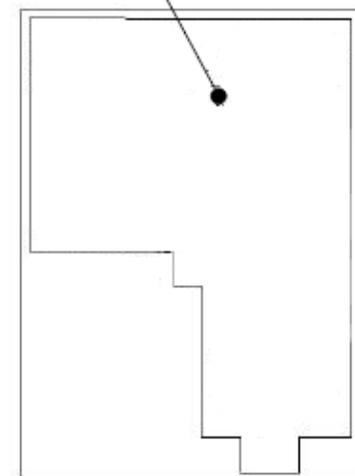
**OPERABLE UNIT ASSIGNMENT:** N/A



**SWMU 302  
DMSA C-335-06  
2008**



### SWMU 302



Paducah Gaseous Diffusion Plant

#### LEGEND

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



C-335 Ground Floor - SWMU 302

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

