

**DMSA C-337-35**  
**Solid Waste Management Unit (SWMU) Assessment Report**

**SWMU/AOC NUMBER:** 338

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

**DATE OF SAR REVISION:** 06/14/10

**REGULATORY STATUS:** SWMU

**LOCATION:** Southeast quadrant of the C-337 Process Building between columns Ca32-33/Cb32-33.

**APPROXIMATE DIMENSION OR CAPACITY:** 460 ft<sup>2</sup>

**FUNCTION:** Temporary storage of materials.

**BRIEF HISTORY:** This storage area was created in 1996 and 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 November 2006 to April 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 June 6, 2008, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on August 19, 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:** 1996 to 2008

**SITE/PROCESS DESCRIPTION:** An inside DOE storage area located in the southeast quadrant of the C-337 Process Building.

**WASTE DESCRIPTION:** This SWMU currently is empty. The Toxic Substances Control Act (TSCA) polychlorinated biphenyl (PCB) remediation waste (i.e., waste items with PCB contamination on the exterior surfaces) formerly stored included five drained hydraulic cylinders and a sheet metal cap and fan blade. A sixth drained hydraulic cylinder formerly stored was categorized as a PCB-contaminated article due to internal PCB contamination. The TSCA waste formerly stored and categorized as presumed asbestos-containing material included a bag of insulation and a flex line with insulation. All TSCA regulated wastes also were classified as low-level waste (LLW) due to radiological contamination. The LLW formerly stored consisted of seal change platforms, a forklift boom pole, an impeller fan, belt guards, flange covers, motor base screen, an electric motor, and miscellaneous wood and pallets. A detailed description of the characterized waste formerly stored in this SWMU can be found in the FI/CR.

**WASTE QUANTITY:** Currently 0 ft<sup>3</sup>; waste quantity removed 278 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:** 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.

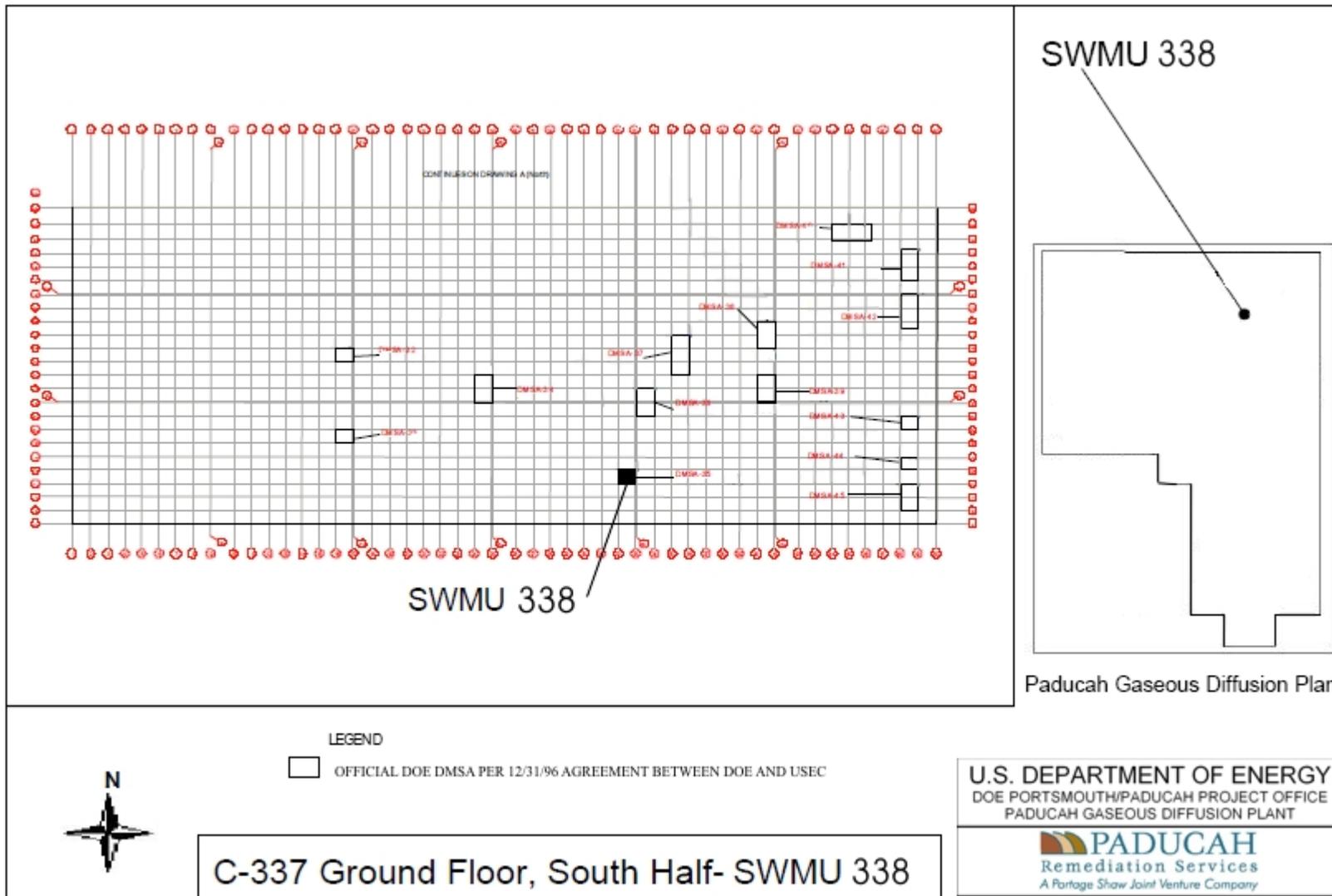
**PRG COMPARISON:** N/A

**RFI NECESSARY:** No. This SWMU is inside an operational process building with a concrete floor. All wastes have been removed from this SWMU. This unit is being proposed for no further action because 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 338  
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2008**



C-337 Ground Floor, South Half- SWMU 338

U.S. DEPARTMENT OF ENERGY  
DOE PORTSMOUTH/PADUCAH PROJECT OFFICE  
PADUCAH GASEOUS DIFFUSION PLANT  
**PADUCAH**  
Remediation Services  
A Portage Shaw Joint Venture Company