

**DMSA C-337-07**  
**Solid Waste Management Unit (SWMU) Assessment Report**

**SWMU/AOC NUMBER:** 314

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

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

**REGULATORY STATUS:** SWMU

**LOCATION:** In the C-337 Process Building at column SA18-19.

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

**FUNCTION:** Temporary storage of materials.

**BRIEF HISTORY:** In the late 1980s, the generation rate of polychlorinated biphenyl (PCB)/low-level waste (LLW) exceeded the capacity of existing waste storage facilities. Locations in C-337 process building were established as supplemental waste storage areas. This storage 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 January 2002 to June 2002, DOE characterized the 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 on September 16, 2002, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on April 15, 2004. 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:** Late 1980's to 2008

**SITE/PROCESS DESCRIPTION:** An inside DOE storage area located in the C-337 process building.

**WASTE DESCRIPTION:** The DMSA currently is empty. The Toxic Substances Control Act-regulated waste formerly stored included 120 drums of PCB/LLW. A detailed description of the characterized waste can be found in the FI/CR.

**WASTE QUANTITY:** Currently 0 ft<sup>3</sup>; waste quantity removed 877 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

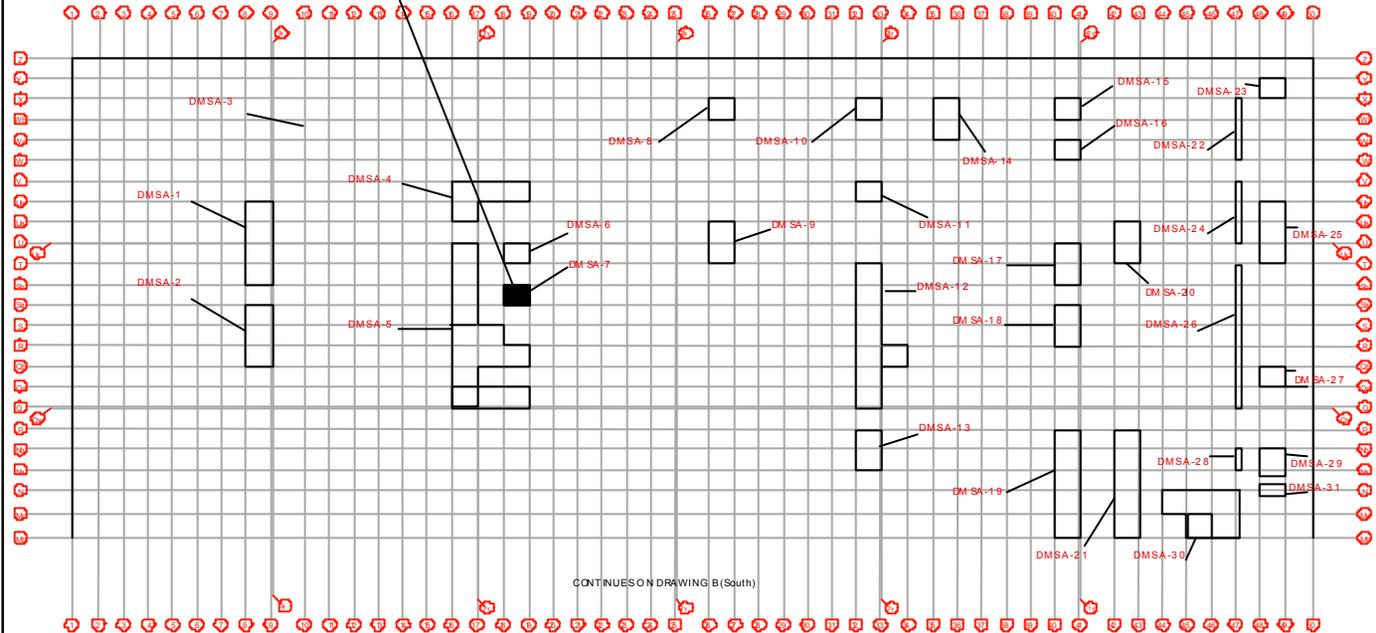
**RFI NECESSARY:** No. The SWMU is located in an active process building with a concrete floor. All waste has been removed from this SWMU. This unit is being proposed for no further action since it no longer is active, has no evidence of releases to the environment, and is not believed to pose a risk to human health or the environment.

**OPERABLE UNIT ASSIGNMENT:** N/A

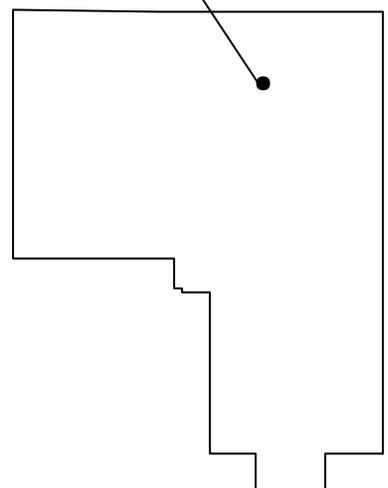


**SWMU 314  
DMSA C-337-07  
August 27, 2008**

# SWMU 314



# SWMU 314



Paducah Gaseous Diffusion Plant

**LEGEND**

 OFFICIAL DOE DMSAs PER 12/31/96

AGREEMENT BETWEEN DOE AND USEC



## C-337 Ground Floor, North Half- SWMU 314

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



Figure No. C-337-07-314  
Date 11-21-00