

**DMSA-333-11**  
**Solid Waste Management Unit (SWMU) Assessment Report**

**SWMU/AOC NUMBER:** 266

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

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

**REGULATORY STATUS:** SWMU

**LOCATION:** East wall of the C-333 process building between columns W34/35-X34/35

**APPROXIMATE DIMENSION OR CAPACITY:** 1,380 ft<sup>2</sup>

**FUNCTION:** Temporary storage of materials

**BRIEF HISTORY:** In the late 1980s, the generation rate of low-level waste (LLW) exceeded the capacity of existing waste storage facilities, and areas in C-333 were established as supplemental waste storage areas. When the U.S. Department of Energy (DOE) Material Storage Areas (DMSAs) were established, these waste management waste storage areas were included with the DMSAs, but the areas still were maintained and inspected by waste management personnel in accordance with the approved procedures. In 1996, this area was released by the United States Enrichment Corporation to DOE as a DMSA. From June 2002 to October 2006, 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 December 1, 2006, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on April 27, 2007. 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:** 1987 to 2006

**SITE/PROCESS DESCRIPTION:** An inside DOE storage area located along the east wall of the C-333 process building.

**WASTE DESCRIPTION:** The SWMU currently is empty. Newly generated RCRA hazardous waste removed included fuses, light bulbs, and hydraulic oil. LLW formerly stored included angle iron, rubber gaskets, a padded bench, storage cabinet, miscellaneous metal items, hydraulic pump, and support bases. Several circuit boards were categorized as recyclable [i.e. exempt from RCRA per 40 *CFR* § 261.6(a)(3)(ii)], and three sublimator load cells were categorized 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 ft<sup>3</sup>; waste quantity removed 699 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

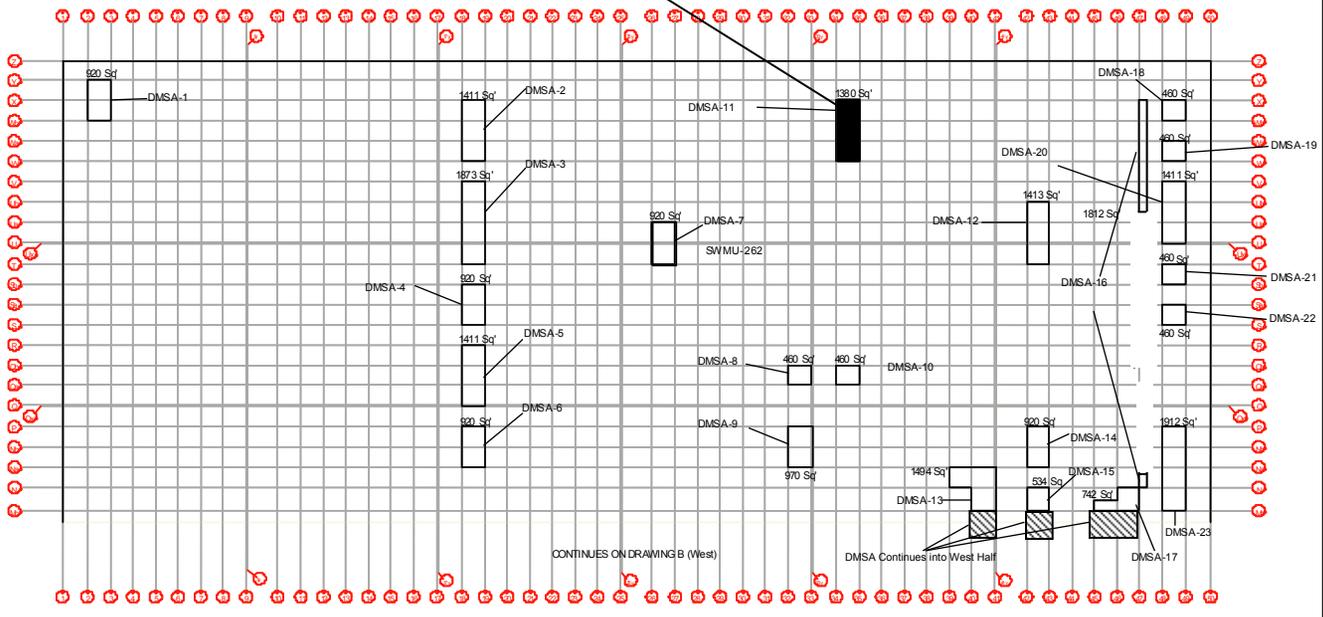
**RFI NECESSARY:** No. The SWMU is inside an operational process building with a concrete floor. All wastes have been removed from this DMSA. This unit is being proposed for no further action since it no longer is active, has no evidence of releases to the environment, and is not believed to pose a risk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

**OPERABLE UNIT ASSIGNMENT:** N/A

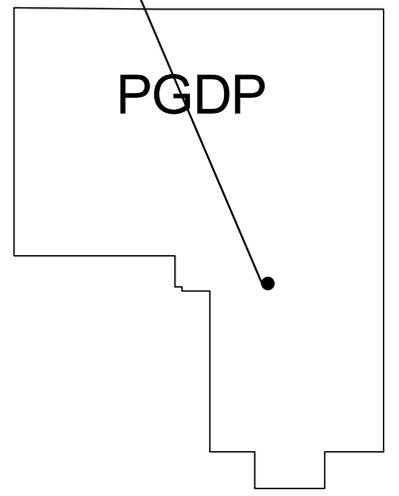


SWMU 266  
DMSA C-333-11  
View Facing East  
October 17, 2007

# SWMU 266



# SWMU 266



Paducah Gaseous Diffusion Plant

Official DOE DMSA per 12/31/06 Agreement between DOE and USEC



## C-333 Ground Floor, East Half - SWMU 266

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



Figure No. C-333-11-266  
Date 3-13-08