

**DMSA OS-08 Portable Fiberglass Tank  
Solid Waste Management Unit (SWMU) Assessment Report**

**SWMU/AOC NUMBER:** 219

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

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

**REGULATORY STATUS:** SWMU

**LOCATION:** Located north of the C-726 Maintenance Facility, north of SWMU 32, and east of C-728 Motor Cleaning Facility.

**APPROXIMATE DIMENSION OR CAPACITY:** Approximately 330 ft<sup>2</sup>

**FUNCTION:** Temporary storage of materials

**BRIEF HISTORY:** The fiberglass tank previously had been used to collect polychlorinated biphenyl-contaminated rainwater. It is documented that the tank was drained and cleaned in 1992 in accordance with existing Toxic Substances Control Act (TSCA) requirements. The fiberglass tank and semitrailer were stored on a hypalon dike on concrete.

In 1996, 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). From September 2001 to March 2002, DOE characterized the materials in this DMSA in accordance with the DMSA Characterization/Remediation Plan, which was incorporated into Appendix E of the 2003 Agreed Order. The Final Inventory and Characterization Report (FI/CR) was submitted December 31, 2002, 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:** 1989 to 1992

**SITE/PROCESS DESCRIPTION:** An outside DOE storage area located within the Paducah Gaseous Diffusion Plant fenced security area.

**WASTE DESCRIPTION:** The SWMU currently is empty. Newly generated RCRA-regulated hazardous waste removed included vehicle lights. The low-level wastes formerly stored included the fiberglass tank and semitrailer, a cross tie, hypalon, plastic sheeting, and wooden saddles. Eight large pieces of polyvinyl chloride pipe were designated as reusable. 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 2,169 ft<sup>3</sup>

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

**DESCRIPTION OF RELEASE AND MEDIA AFFECTED:** A leak into a dike from the fiberglass tank occurred in 1991. No media was affected. The dike was cleaned in 1992 in accordance with TSCA regulations.

<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:** The documented 1991 release did not come into contact with the environment. The release was remediated in accordance with TSCA regulations. No environmental impact occurred from this incident.

**IMPACT ON OR BY OTHER SWMUS/AOCS:** There is no evidence that this SWMU impacts or is being impacted by other SWMUs.

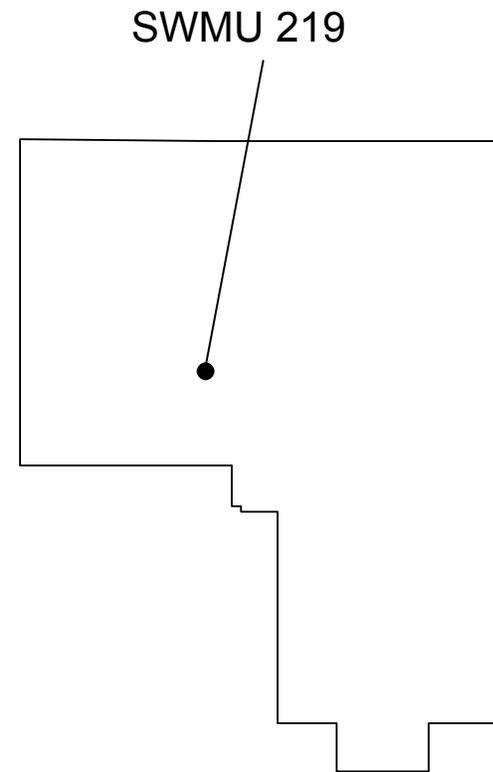
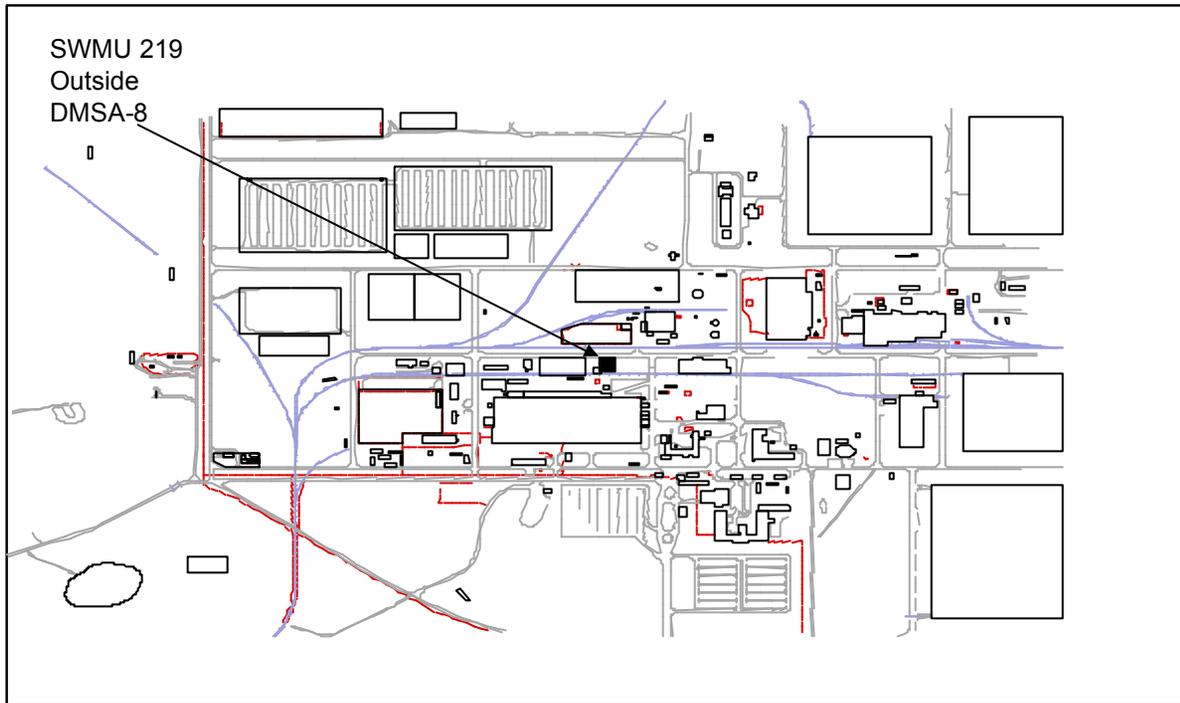
**PRG COMPARISON:** N/A

**RFI NECESSARY:** No. The fiberglass tank and semitrailer were stored on a hypalon dike on concrete. All wastes have been removed from this SWMU. This unit is being proposed for no further action since it no longer is active, has no evidence of a release to the environment, and is not believed to pose a risk to human health and the environment.

**OPERABLE UNIT ASSIGNMENT:** Soils Operable Unit



SWMU 219  
DMSA OS-08  
View Looking South  
September 6, 2007



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

Paducah Gaseous Diffusion Plant

Outside Areas - SWMU 219

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

**PADUCAH**  
 Remediation Services  
*A Portage Shaw Joint Venture Company*

Figure No. OS-08-219  
 Date 03-07-08