

DMSA OS-02
Solid Waste Management Unit (SWMU) Assessment Report

SWMU/AOC NUMBER: 213

DATE OF ORIGINAL SAR: 12/01/00

DATE OF SAR REVISIONS: 03/15/09

REGULATORY STATUS: SWMU

LOCATION: Located north of the C-745-A Cylinder Storage Yard.

APPROXIMATE DIMENSION OR CAPACITY: Approximately 8,000 ft²

FUNCTION: Temporary storage of materials.

BRIEF HISTORY: It is undocumented when this area became a storage area for materials. A large portion of the items formally stored were associated with heavy-duty equipment such as crane buckets, forklift fixtures, and cylinders. It also had a large spill storage tank containing a liquid. The tank was mounted on a trailer.

The area and equipment were released by the United States Enrichment Corporation to DOE as a DOE Material Storage Area (DMSA) on December 31, 1996. From January 2002 to April 2002, 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 September 16, 2002, to the Kentucky Division of Waste Management (KDWM). KDWM approved the FI/CR on July 21, 2005. 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: Unknown to 2004

SITE/PROCESS DESCRIPTION: An outside DOE storage area located within the security fence area.

WASTE DESCRIPTION: The SWMU currently is empty. Newly generated RCRA-regulated, mixed hazardous waste removed included oil drained from a cylinder lift and 20 vehicle lights. All of the materials/equipment, including the liquid in the storage tank, formerly stored were classified as LLW and removed from the area. A detailed description of the characterized waste can be found in the FI/CR.

WASTE QUANTITY: Currently 0 ft³; waste quantity removed 8,650.97 ft³

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

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: None known

GROUNDWATER:	None known
SURFACE WATER:	None known
SOIL:	None known
ECOLOGY AFFECTED (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.

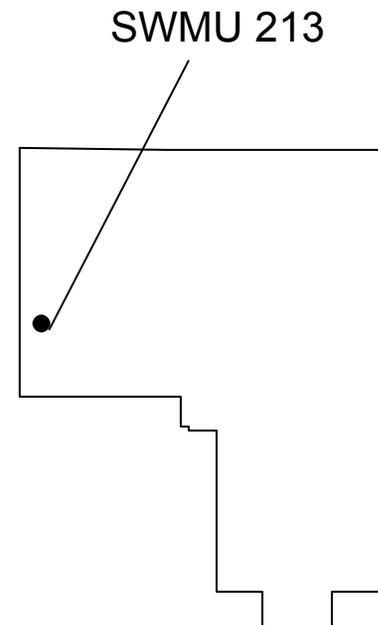
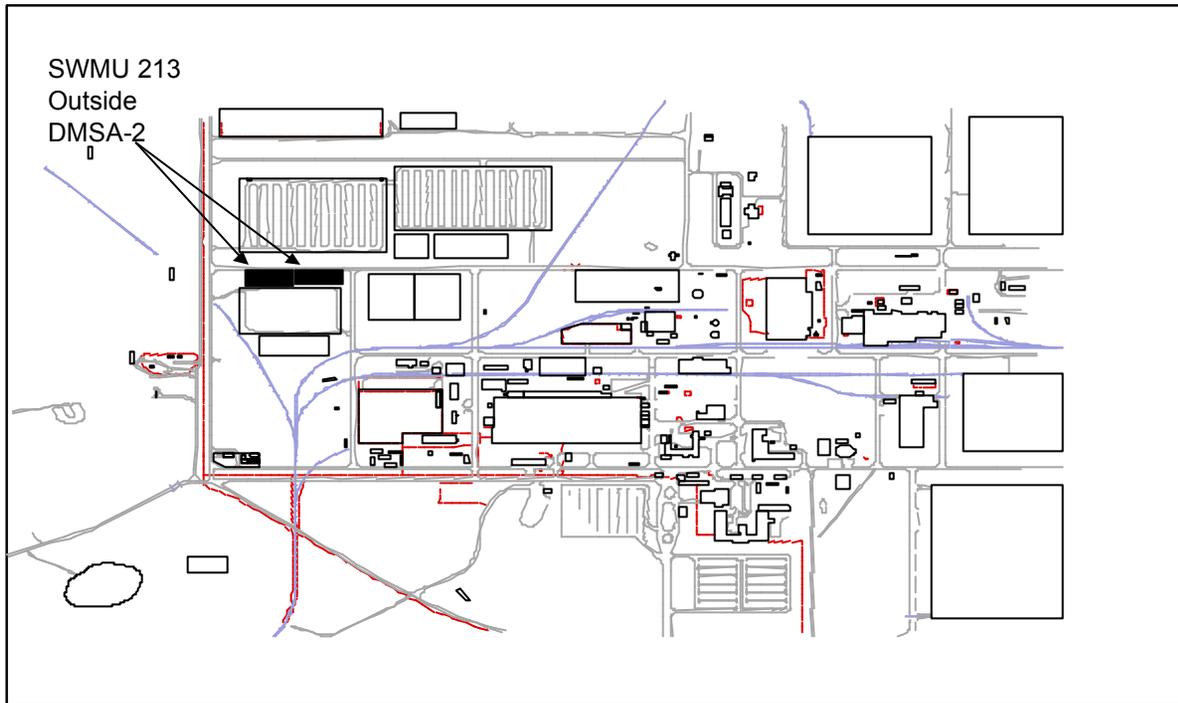
PRG COMPARISON: N/A

RFI NECESSARY: No. This unit is being proposed for no further action since it is no longer 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: Soils Operable Unit



SWMU 213
DMSA OS-02 (Photo from East looking West)
August 27, 2008



Paducah Gaseous Diffusion Plant

Outside Areas - SWMU 213

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



Figure No. OS-02-213
Date 11-10-08