

**G-746-S-01 GSA Next to the Sanitary Landfill
Solid Waste Management Unit Assessment Report**

UNIT NUMBER: 415

DATE OF ORIGINAL SAR: 01/19/01

DATE OF SAR REVISION: 6/15/07

REGULATORY STATUS: SWMU

LOCATION: This SWMU is located west of the C-746-S Sanitary Landfill, northeast of Paducah Gaseous Diffusion Plant.

APPROXIMATE DIMENSION OR CAPACITY: 10 ft by 10 ft.

FUNCTION: Generator Staging Area (GSA) and Satellite Accumulation Area (SAA)

BRIEF HISTORY: According to site personnel, this GSA was established in January 2000 and used twice that year to temporarily store soil and PPE waste generated during a sampling and characterization project at the C-746-S&T sanitary landfills. The project was conducted due to allegations of radioactive material buried at the landfills. During the sampling, a lead acid battery on a portable electric generator breached and had to be replaced. An SAA was established in January 2000 to store the battery.

PRESENT OPERATIONAL STATUS: Inactive.

DATES OPERATED: According to site personnel, this GSA was established on 1/7/00 and closed on 1/19/00. The SAA was established after 1/07/00 and closed on 1/19/00. The GSA was reestablished during a second excavation on 8/21/00 and closed on 8/26/00.

SITE/PROCESS DESCRIPTION: A grassy area used for the storage of containerized soil and personal protective equipment from an excavation project. Wastes were stored in 55-gallon drums and one 5-gallon container. Presently the site is empty.

WASTE DESCRIPTION: Soil, PPE, and one lead acid battery.

WASTE QUANTITY: When this GSA was in use it contained twelve 55-gallon drums and one 5-gallon container with a lead acid battery in January 2000 and three 55-gallon drums in August 2000.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: None

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: N/A. According to site personnel, there were no releases from this SWMU to the environment.

GROUNDWATER:	None Known
SURFACE WATER:	None Known
SOIL:	None Known
ECOLOGY:	None Known

DOCUMENTATION OF NO RELEASE: According to site personnel, inspection checklists are on file documenting that there have been no releases from or to this SWMU.

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

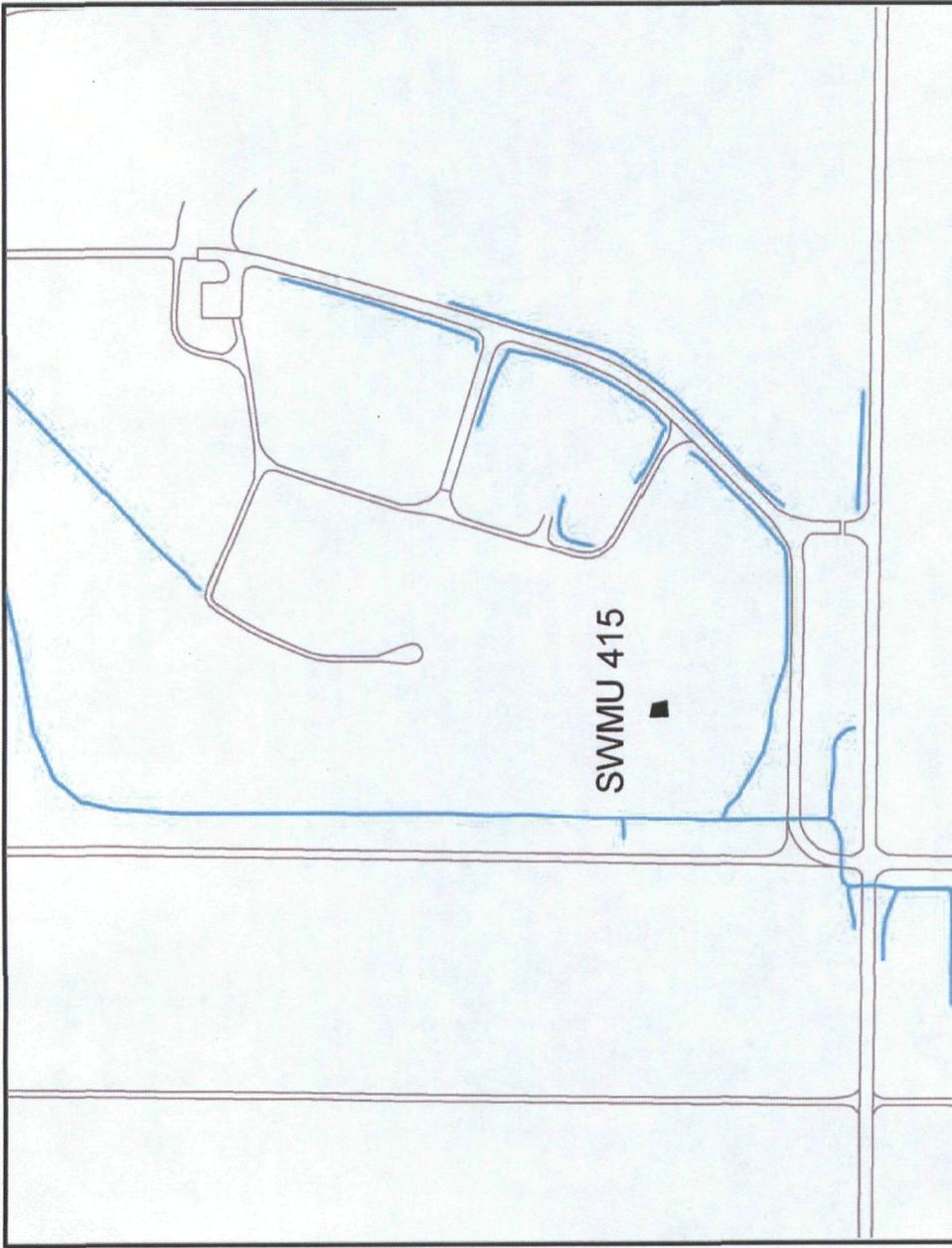
PRG COMPARISON: N/A

RFI NECESSARY: No. This unit is being proposed for no further action since it is no longer active, has had no releases to the environment, and is not a threat to human health and the environment. According to site personnel, this unit has been managed and inspected in accordance with site approved procedures since its creation.

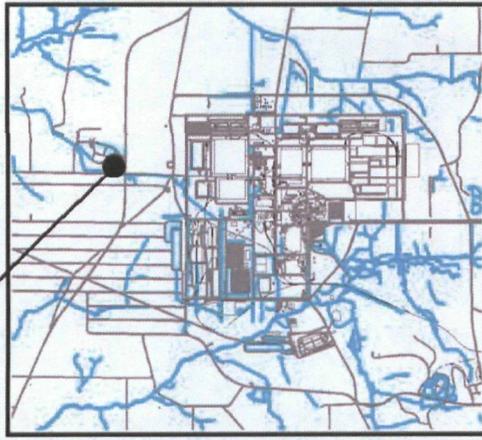
OPERABLE UNIT ASSIGNMENT: N/A



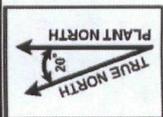
View of Grassy Area, Facing West
Previous Location of GSA/SAA,
East of the Radiological Posted Area
SWMU 415
4/11/07



SWMU 415



Paducah Gaseous Diffusion Plant



SWMU 415

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

PADUCAH
Remediation Services
A Portage Show Joint Venture Company

FIGURE No. c5ac90000sk637.apr
DATE 04-17-07