

**G-416-01 GSA Near the C-416 Decon Pad
Solid Waste Management Unit Assessment Report**

UNIT NUMBER: 387

DATE OF ORIGINAL SAR: 01/19/01

DATE OF SAR REVISION: 6/15/07

REGULATORY STATUS: SWMU

LOCATION: This SWMU is located north of the C-631 cooling towers, east of the C-416 Decontamination Pad.

APPROXIMATE DIMENSION OR CAPACITY: 25 ft by 45 ft.

FUNCTION: GSA

BRIEF HISTORY: According to site personnel, this SWMU was used to store waste generated during the C-400 piezometer abandonment project. This SWMU has also been used to store waste generated from other investigation/remediation activities, such as Waste Area Grouping (WAG) 22 and WAG 28 based on interviews with site personnel. In addition, any project that used the nearby C-416 decontamination facilities may have stored waste associated with that project in this SWMU.

PRESENT OPERATIONAL STATUS: Active.

DATES OPERATED: Possibly late 1980s to present. According to site personnel, the decontamination pad was built in the late 1980s and this area may have stored waste from various projects from the late 1980s until present.

SITE/PROCESS DESCRIPTION: A grassy area used for the storage of containerized wastes generated during various remediation or investigation projects, such as WAG investigations and groundwater well installation/abandonment. Wastes are containerized in drums, B-25 Boxes, or other appropriate containers. This SWMU is used to actively manage waste in accordance with site procedures.

WASTE DESCRIPTION: Waste includes, but is not limited to, soil cuttings, PPE, PVC pipe, concrete, silt fencing, and scrap metal.

WASTE QUANTITY: The waste quantity varies since waste is added in response to project needs. In addition, waste containers are moved out of the SWMU for disposal.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: None

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: N/A. No records were located in the Occurrence Report database regarding spills or releases from this SWMU.

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 this SWMU while wastes were stored. The Occurrence Report database was reviewed for any incidence of a spill or release from or to this SWMU and the C-416 decontamination pad. No records were located in the Occurrence Report database regarding spills or 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: Yes, this unit will be investigated as part of the Soils Operable Unit.

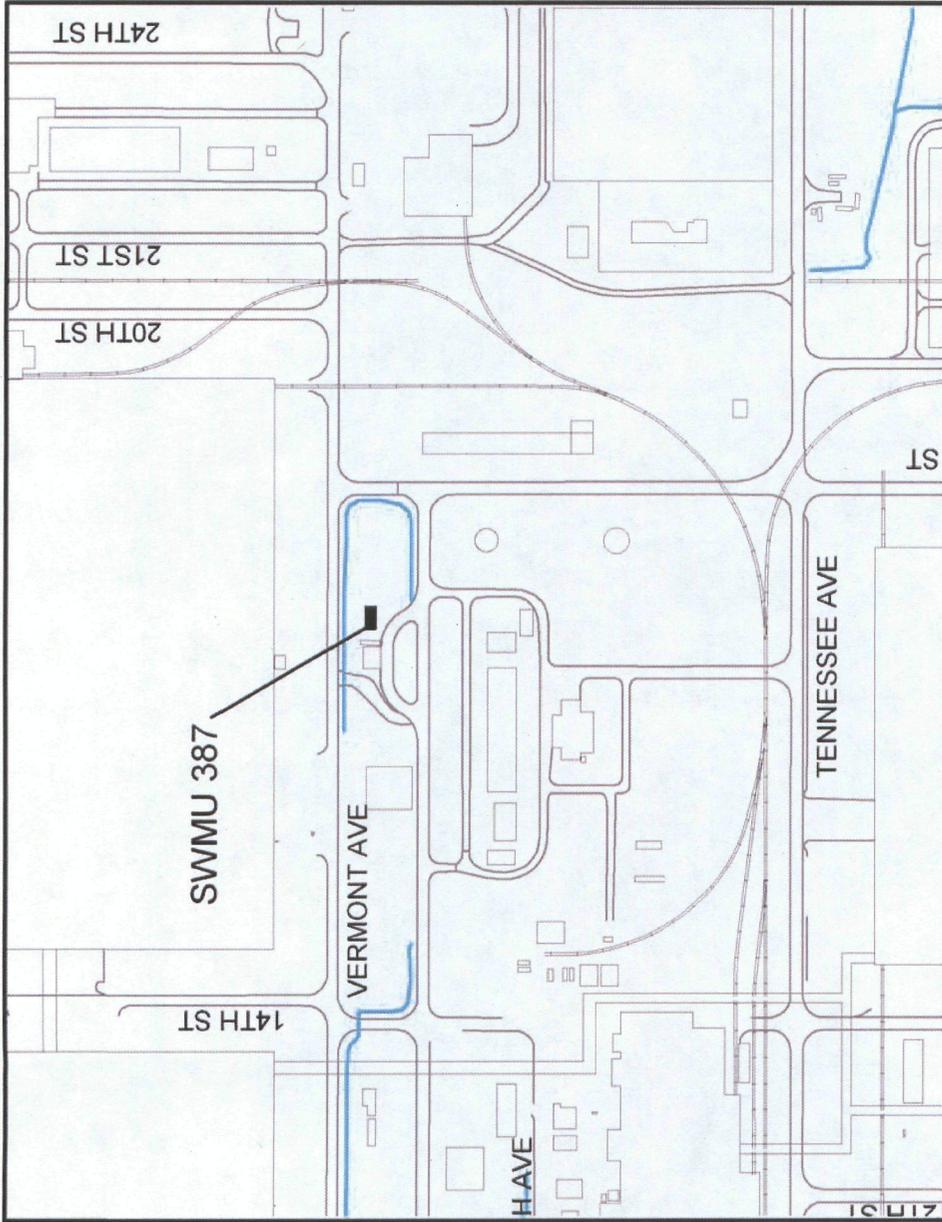
OPERABLE UNIT ASSIGNMENT: Soils



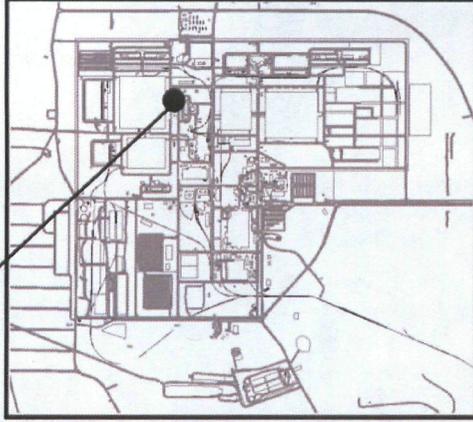
View # 1 Looking Northwest at SWMU 387
4/11/07



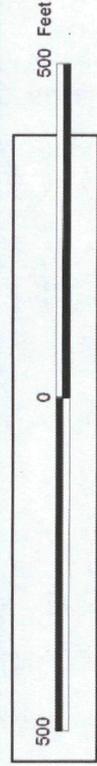
View #2 Looking East at SWMU 387
4/11/07



SWMU 387



Paducah Gaseous Diffusion Plant



SWMU 387

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



FIGURE No. c5ac90000sk636.apr
DATE 04-17-07