

**Outside C-746-B Pad
Solid Waste Management Unit (SWMU) Assessment Report**

SWMU/AOC NUMBER: 472

DATE OF ORIGINAL SAR: 01/19/01

DATE OF SAR REVISIONS: 03/18/09; 06/14/10

REGULATORY STATUS: SWMU

LOCATION: SWMU 472 is located inside the plant security fence, west of building C-746-B and south of SWMU 520.

APPROXIMATE DIMENSION OR CAPACITY: 58,000 ft²

FUNCTION: This area is used as a storage area for old equipment and materials.

BRIEF HISTORY: The area west of C-746-A was used as a storage area for old equipment and material following installation of a gravel base laid in this SWMU in 1999. Approximately 9,000 yd³ of equipment and material were removed between 2001 and 2009, and on August 27, 2009, the Kentucky Division of Waste Management (KDWM) approved a no further action determination for this SWMU. Geophysics surveys were conducted in February 2009 at this location and revealed potential buried material in the area. (See attached map.)

PRESENT OPERATIONAL STATUS: Active

DATES OPERATED: 1999 to present.

SITE/PROCESS DESCRIPTION: An outside DOE storage area containing potential buried material located within the plant security fence.

WASTE DESCRIPTION: This SWMU currently contains various small items such as chocks, railroad ties, and concrete. Wastes formerly stored included wood chocks, transite, roll-off bins with waste containers (steel grit), scrap metal, plastic, concrete piers, fiberglass pipes, empty metal tanks, and plastic-wrapped wood pallets.

WASTE QUANTITY: Currently (as of March 2010) approximately 4 yd³; approximately 9,000 yd³ have been removed.

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: Yes.

OPERABLE UNIT ASSIGNMENT: Additional Burial Grounds Sources Operable Unit (as part of the post-gaseous diffusion plant shutdown activities).



**SWMU 472 Outside C-746-B Pad
(Photo from Southeast Looking Northwest)
December 10, 2008**

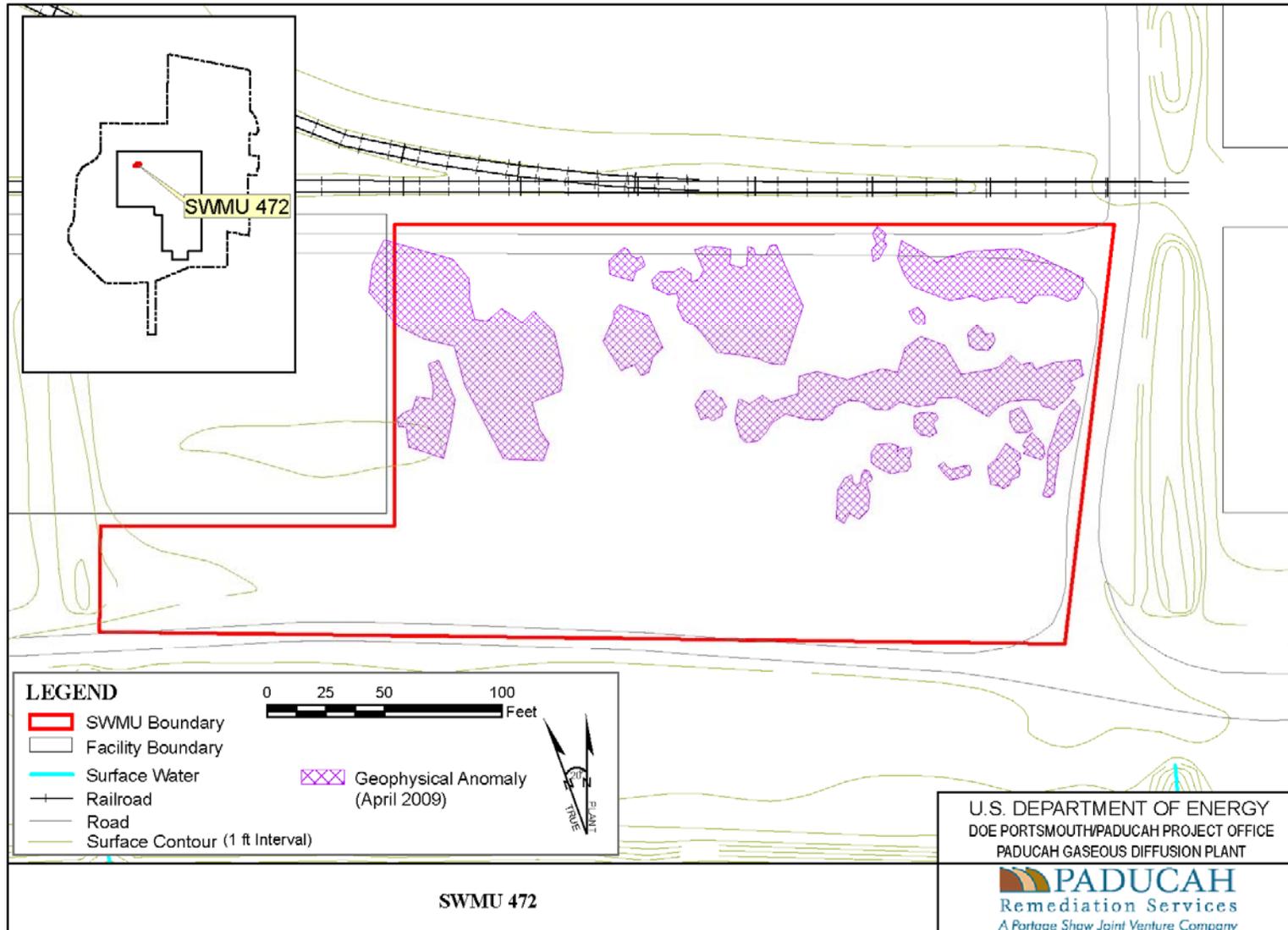


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