

**REVISED**  
**PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT**  
**AND SWMU ASSESSMENT REPORT**

**UNIT NUMBER:** 207

**UNIT NAME:** C-752-A Environmental Restoration Waste Storage Building

**DATE:** January 13, 1997  
Revised 03/11/05

**REGULATORY STATUS:** Solid Waste Management Unit (SWMU) (RCRA Subtitle C permitted facility) – This building is identified as a SWMU because it manages “solid waste” per the regulatory definition. No environmental releases have occurred from this facility.

**LOCATION:** Located on DOE property inside the security fence south of C-746-B. See attached figure.

**APPROXIMATE DIMENSIONS:** The building is approximately 41,000 ft<sup>2</sup>.

**FUNCTION:** This building is used to store hazardous wastes and treat wastewaters generated by site activities. Two wastewater treatment units (carbon filtration and photocatalytic converter) have been operated in this building. Wastes are stored here in drums, tanks, and other containers. The building is designed and operated to meet RCRA requirements for hazardous waste storage including containment of any releases. There are no RCRA-permitted tanks in this building.

**BRIEF HISTORY:** Construction of the building was completed in 1996. Waste storage operation began in 1997. Prior to construction, the area was not developed.

As of January 4, 2005 the newly discovered waste removed from this area consists of one aerosol can and one light bulb. These items were repackaged and labeled as hazardous waste. These items were discovered during resampling activities in AW-55. The origins of these items are unknown.

**OPERATIONAL STATUS:** Active

**DATES OPERATED:** 1997 to present

**SITE/PROCESS DESCRIPTION:** Waste storage building.

**WASTE DESCRIPTION:** Hazardous waste storage and wastewater treatment.

**WASTE QUANTITY:** Building has a design capacity of 496,000 gallons (7000 55-gallon drum equivalents and 50 1200-gallon poly tanks).

**SUMMARY OF ENVIRONMENTAL SAMPLING DATA:**

The building site was characterized prior to construction. No levels of PCBs or radionuclides were present in sufficient quantity to present a hazard to human health or the environment.

**DESCRIPTION OF RELEASE AND MEDIA AFFECTED:**

There have been no releases from the building. Operations and activities are conducted in accordance with RCRA Subtitle C and the operating permit. The building has a concrete floor and curb to prevent the release of any materials in the event of a spill.

**GROUNDWATER:** N/A

**SURFACE WATER:** N/A

**SOIL:** N/A

**ECOLOGY AFFECTED** (i.e., endangered/threatened species):  
None

**DOCUMENTATION OF NO RELEASE:**

There have been no known spills or releases of materials from this building to the environment.

**IMPACT ON OR BY OTHER SWMU/AOC:**

SWMUs 200, 206, and 470 are nearby.

**PRG COMPARISON:**

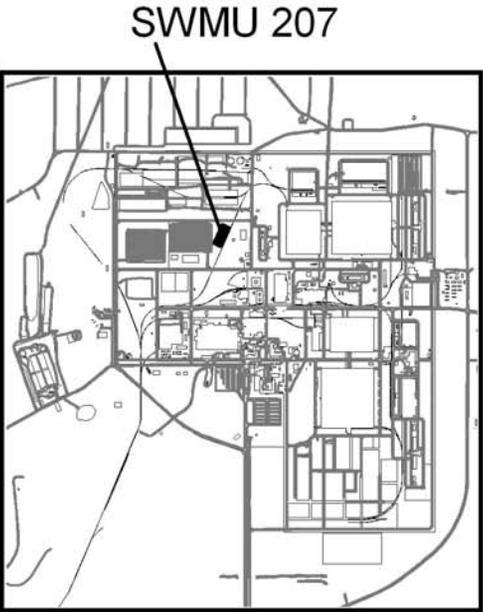
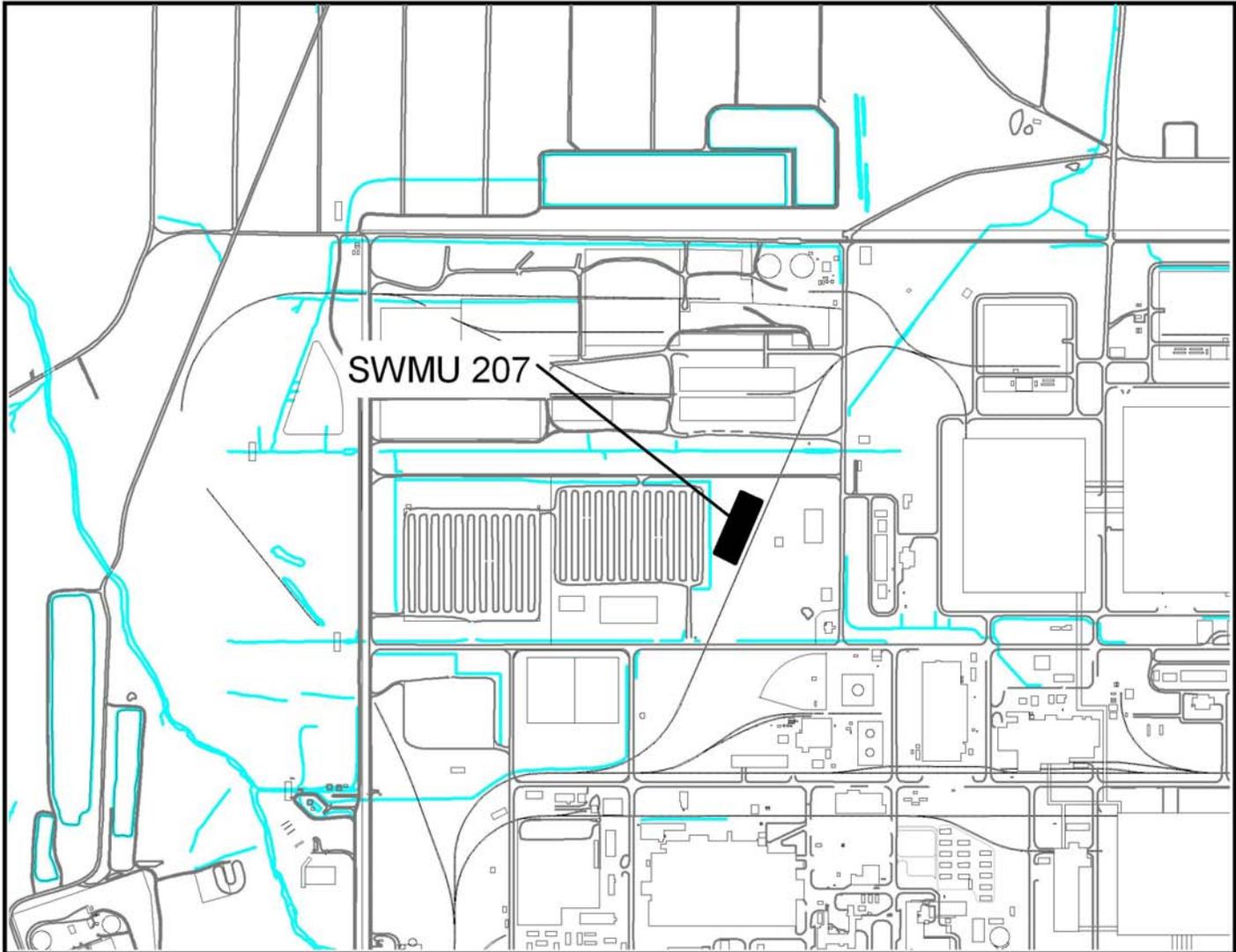
N/A

**RFI NECESSARY:**

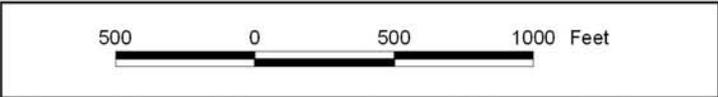
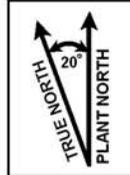
No. The building is subject to the appropriate RCRA Subtitle C closure regulations when operations cease at the facility. This SWMU is included in Appendix A-3 of the Paducah RCRA Permit, which identifies SWMUs that are permitted "Treatment, Storage, and Disposal" units.



**SWMU 207, C-752-A ER Waste Storage Building  
February 2005**



**Paducah Gaseous Diffusion Plant**



**SWMU 207**

U.S. DEPARTMENT OF ENERGY  
DOE OAK RIDGE OPERATIONS,  
PADUCAH GASEOUS DIFFUSION PLANT

**JACOBS** BECHTEL JACOBS COMPANY LLC  
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FIGURE No. c5ac90000sk385.apr  
DATE 01-06-05