

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

UNIT NUMBER: 547

UNIT NAME: Paducah Gaseous Diffusion Plant (PGDP) Post 38 Diesel Spill Area

DATE: 5/28/03

REGULATORY STATUS: SWMU

LOCATION: This SWMU is a diesel oil spill area near Post 38 at PGDP.

APPROXIMATE DIMENSION: 3' x 3'

FUNCTION: Area used to re-fuel a portable generator.

BRIEF HISTORY: Diesel fuel has contaminated the gravel and soil on the roadway near the portable generator located at **United States Enrichment Corporation (USEC) guard Post 38**. The suspected source of the spill is re-fueling operations for a portable generator. The gravel and soil on the roadway that was contaminated have been removed. Clean gravel has been placed in the area. The road has been returned to normal use. A temporary dike was placed underneath the generator.

OPERATIONAL STATUS: Active

DATES OPERATED: February 2003 to present

SITE/PROCESS DESCRIPTION: Location of portable generator in use for **USEC** guard post activities.

WASTE DESCRIPTION: USEC removed the gravel and soil in the area. USEC is responsible for proper management and disposition of the waste resulting from this cleanup.

WASTE QUANTITY: It is estimated that less than one gallon of diesel fuel had spilled over a period of time. Approximately 5 ft³ of material was containerized.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: N/A

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: The spill area was excavated. There are no continued releases from the area.

GROUNDWATER: N/A

SURFACE WATER: N/A

SOIL: N/A

ECOLOGY AFFECTED: None

DOCUMENTATION OF NO RELEASE: USEC prepared a Problem Report in March 2003 upon discovering the area during a safety inspection of the post.

IMPACT ON OR BY OTHER SWMU/AOC: There was no evidence of any impact on or by other SWMUs.

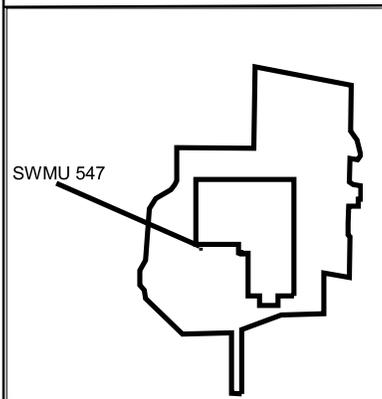
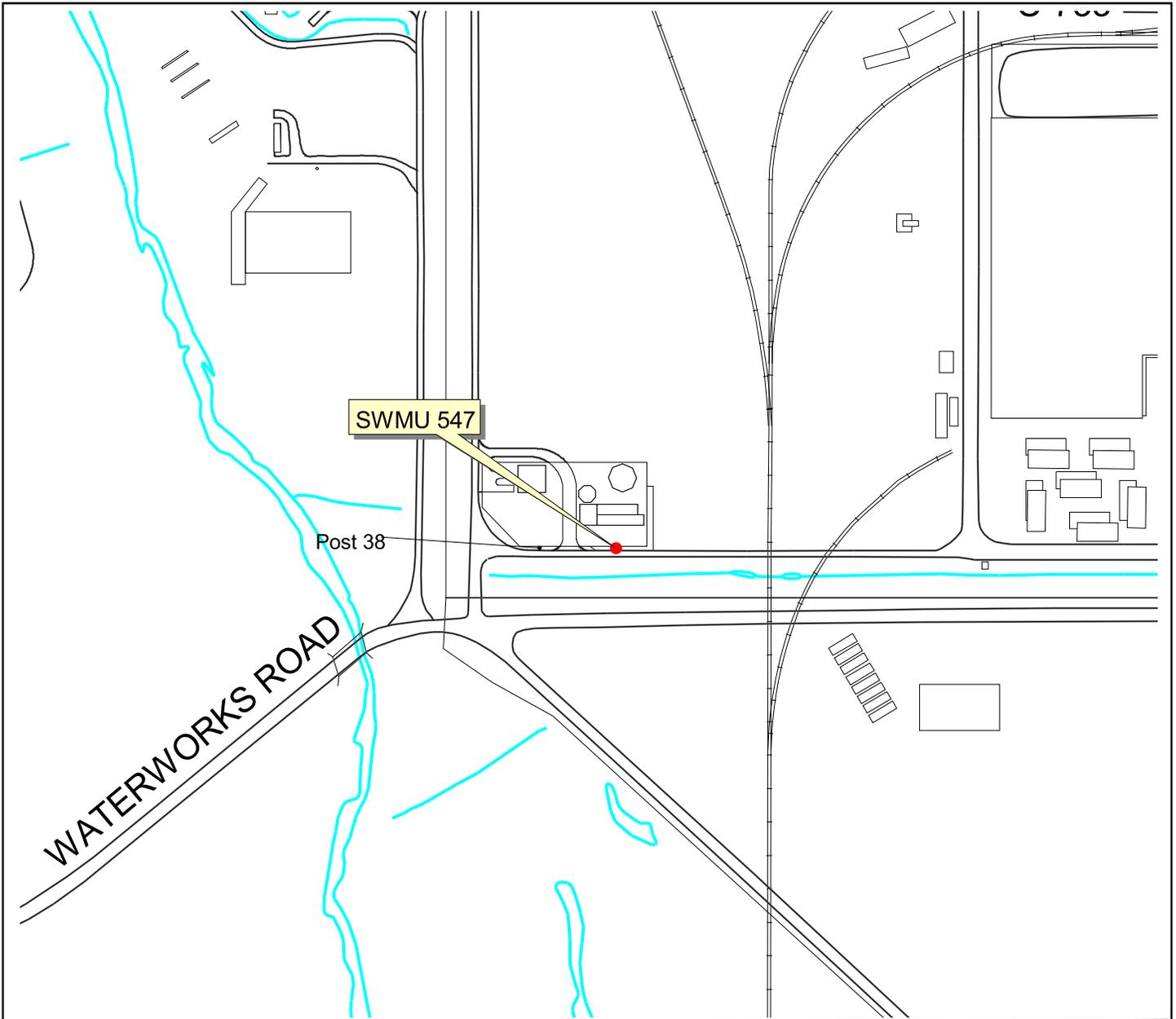
PRG COMPARISON: N/A

RFI NECESSARY: No. This area poses no threat to human health and the environment. No spills or other releases to the environment from this area are known.

NOTE: Elements included in this outline shall be considered and incorporated, as appropriate, when developing the above referenced document.



**Diesel Fuel Spill Near PGDP Post 38 – SWMU 547
May 2003**



LEGEND:

- SWMU 547
- Buildings

125 0 125 250 Feet



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



BECHTEL JACOBS COMPANY LLC
MANAGED FOR THE US DEPARTMENT OF ENERGY UNDER
US GOVERNMENT CONTRACT DE-AC-05-98OR22700
Oak Ridge, Tennessee • Paducah, Kentucky • Portsmouth, Ohio

SWMU 547 Diesel Fuel Spill Near Post 38

