

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

UNIT NUMBER: 542a and 542b

UNIT NAME: 542a - G-746-B-01, S-746-B-01, S-746-B-02
542b - G-746-A-01, S-746-A-01, S-746-A-02

DATE: 10/15/02

REGULATORY STATUS: SWMU

LOCATION: This SWMU is comprised of two waste storage areas. One area (SWMU 542b) is located outside south of C-746-B between doors four and five. This area contains one generator staging area (GSA) and two satellite accumulation areas (SAAs). The second area (SWMU 542a) is located outside of the C-746-A building. This area also contains one GSA and two SAAs. Both areas are used to store material from the C-746-A and C-746-B electrical upgrades.

APPROXIMATE DIMENSION: 542a - 20' X 20'
542b - 30' X 30'

FUNCTION: SAAs and GSAs

BRIEF HISTORY: These SAAs and GSAs were established for the collection of waste during the C-746-A and C-746-B electrical upgrade projects beginning July 2002.

OPERATIONAL STATUS: Active

DATES OPERATED: July 2002 to present

SITE/PROCESS DESCRIPTION: Storage of solid waste from the electrical upgrade projects at the C-746-A and C-746-B facilities.

WASTE DESCRIPTION: Electrical wire, metal light fixtures & ballasts, mercury vapor lights and incandescent lights.

WASTE QUANTITY: 542a - Approximately 35 ft³.
542b - Approximately 75 ft³

SUMMARY OF ENVIRONMENTAL SAMPLING DATA:

N/A

DESCRIPTION OF RELEASE AND MEDIA AFFECTED:

None

GROUNDWATER:

N/A

SURFACE WATER:

N/A

SOIL:

N/A

ECOLOGY AFFECTED:

None

DOCUMENTATION OF NO RELEASE:

Inspection records are maintained. There have been no known spills or releases of materials from these SAAs or GSAs to the environment.

IMPACT ON OR BY OTHER SWMU/AOC:

SWMUs 29, 39, 144, 196A, 196B, 173, 227, 471, and 472 are near this SWMU storage area. There was no evidence of any impact on or by any other SWMU.

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.

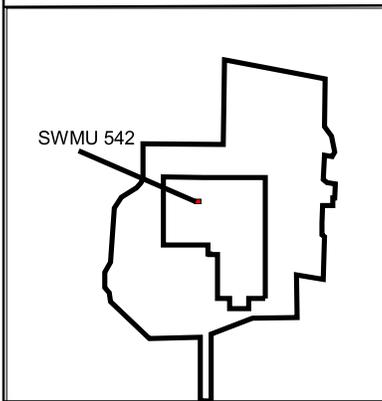
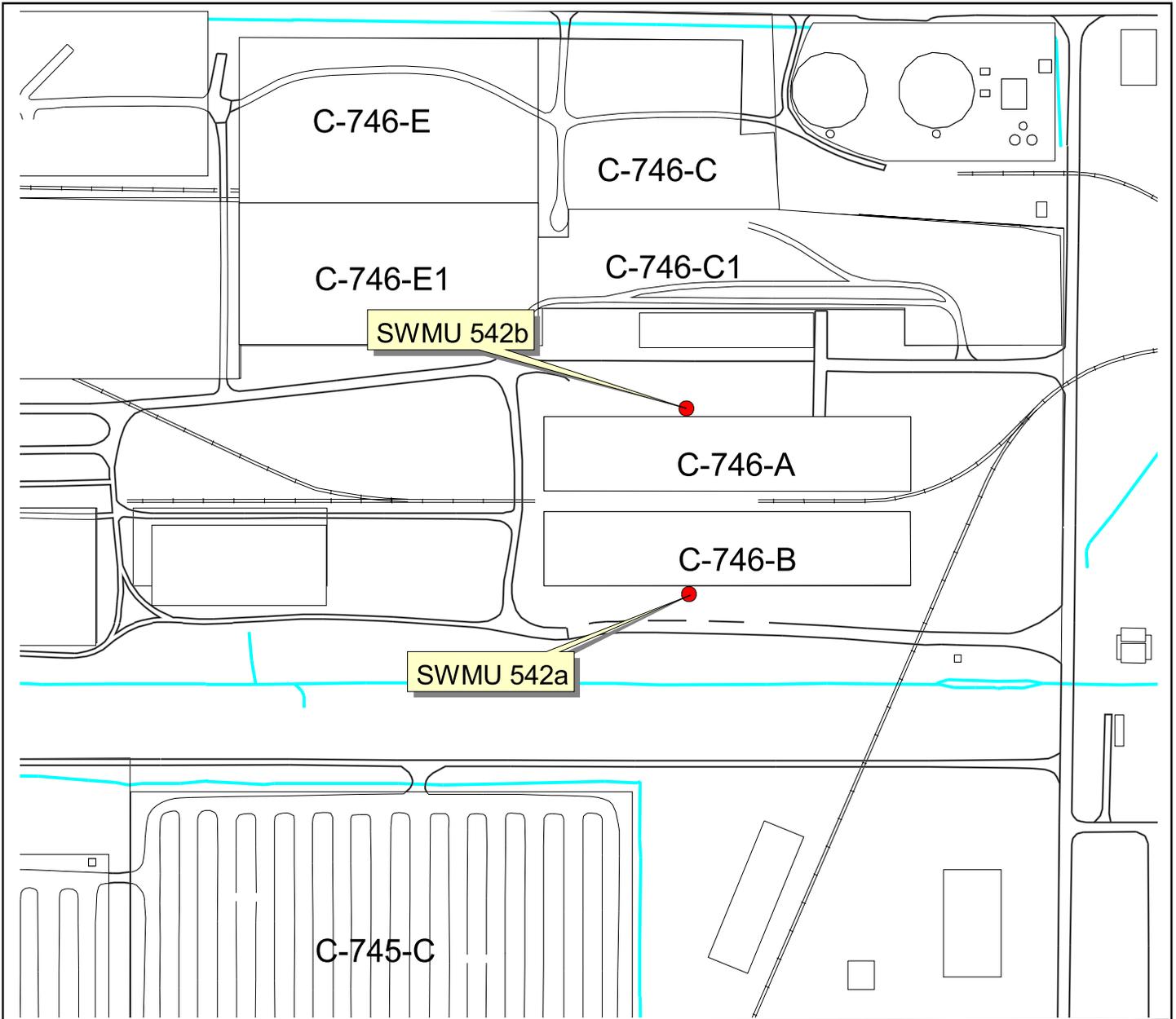


SWMU 542a – C746-B



SWMU 542a – C746-A

Satellite Accumulation Areas and Generator Staging Area - SWMU 542



LEGEND:

- SWMU 542 Areas
- Buildings



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 542 SAAs and GSAs near C-746-A and C-746-B

