

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

UNIT NUMBER: 488

UNIT NAME: PCB contamination area near the C-410 trailer complex

DATE: 7/25/01

REGULATORY STATUS: AOC

LOCATION: PCB contaminated area approximately 300 ft. north of C-710 and approximately 15 ft. east of 10th Street

APPROXIMATE DIMENSION: Approximately 25 ft²

FUNCTION: NA

BRIEF HISTORY: Per BJC personnel, this contamination was discovered as a result of a sampling and characterization event for the placement of the support trailers for the DOE Material Storage Area characterization/disposition activities in the field north of the C-710 Laboratory. The proposed construction site was divided into sampling grids and five-point composite samples were obtained from each grid. The soil samples were analyzed for PCBs, radiological constituents, and metals. One composite sample indicated the presence of PCBs at 0.3 mg/kg. This grid was resampled, with five individual samples obtained. The results of this sampling event indicated that an isolated area approximately 300 ft. north of C-710 and approximately 15 ft. east of 10th Street had detectable PCBs at 10.3 mg/kg. The area of contamination is not included in the footprint of the construction site.

OPERATIONAL STATUS: NA

DATES OPERATED: Unknown

SITE/PROCESS DESCRIPTION: PCB soil contamination area located in a grassy drainage swale

WASTE DESCRIPTION: PCB contaminated soil

WASTE QUANTITY: Unknown

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: In May 2001, radiological surveys of this area and materials were performed. Results of this survey indicate no radiological contamination is present. Soil samples were obtained as part of site characterization. The only contaminant above background detected in the soil was PCBs. See results listed below.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: PCB contamination in soil

GROUNDWATER: NA

SURFACE WATER: NA

SOIL: 10.3 ppm PCB

ECOLOGY AFFECTED (i.e., endangered/threatened species): NA

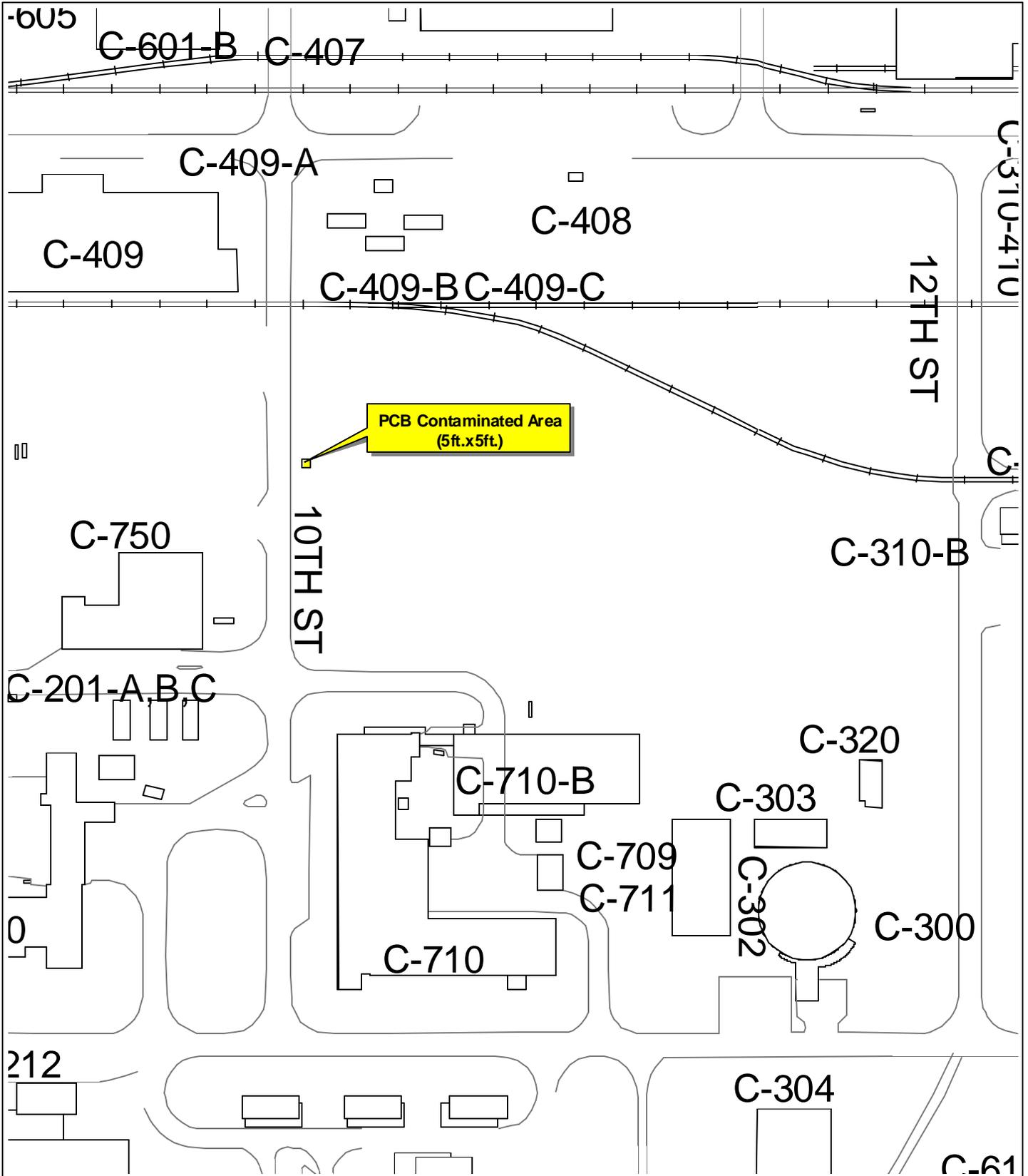
DOCUMENTATION OF NO RELEASE: NA

IMPACT ON OR BY OTHER SWMU/AOC: The following are some of the SWMUs that are in the locale of this facility: 142, 143, 488.

PRG COMPARISON: NA

RFI NECESSARY: Yes. It will be included in the Surface Water Operable Unit remedial investigation.

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



LEGEND:

-  PCB Contaminated Area
-  Buildings

80 0 80 160 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
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AOC 488 - PCB Area



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