

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

UNIT NUMBER: 519

UNIT NAME: C-410 Sulfuric Acid Tank (C-634-B Tank)

DATE: 2/15/02

REGULATORY STATUS: SWMU

LOCATION: The C-410 Sulfuric Acid Tank is located north of and adjacent to the C-410 Building; see enclosed map for a location of SWMU 519.

APPROXIMATE DIMENSION: The approximate volume is 7800 gallons.

FUNCTION: The C-410 Sulfuric Acid Tank was not connected to any process within the C-410 Building. This tank is also identified as the C-634-B Sulfuric Acid Tank, which indicates that the tank was probably moved from a pumphouse (C-633) associated with the Recirculating Cooling Water (RCW) system. Sulfuric acid was used to control the pH in the pump houses in the RCW system.

BRIEF HISTORY: It is assumed that this tank was moved from the C-633 pumphouse associated with the RCW system. The bottom of the tank is currently rusting out and is being removed under a CERCLA Time Critical Removal Action.

OPERATIONAL STATUS: Inactive.

DATES OPERATED: Unknown.

SITE/PROCESS DESCRIPTION: Unknown; but it appears the tank was removed from its original location within the plant to this area.

WASTE DESCRIPTION: The waste is considered to be the tank itself, which is constructed of carbon steel.

WASTE QUANTITY: The capacity of the tank is approximately 7800 gallons.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: Contents of the tank were sampled and indicated the presence of sulfate at approximately 600,000 ppm.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: No known releases have occurred.

GROUNDWATER: NA

SURFACE WATER: NA

SOIL: NA

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

DOCUMENTATION OF NO RELEASE: NA

IMPACT ON OR BY OTHER SWMU/AOC: Locations near SWMU 519 are SWMUs 478, 481 and 41.

PRG COMPARISON: NA

RFI NECESSARY: The C-410 Sulfuric Acid Tank is being removed under a CERCLA Time Critical Removal Action.



SWMU 519 C-410 Sulfuric Acid Tank (C-634-B Tank)