

**PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT
AND SOLID WASTE MANAGEMENT UNIT (SWMU) ASSESSMENT REPORT**

NIT NUMBER: 209

NIT NAME: C-720 Compressor Shop Pit Sump

DATE: October 26, 1998

REGULATORY STATUS: SWMU

LOCATION: SWMU 209 is located in the C-720 building in the northwest corner of the compressor pit. See Attachment 1 for specific location.

APPROXIMATE DIMENSION: 4-foot by 4-foot by 8-foot sump

FUNCTION: Collection of fluids drained from compressors being repaired in the compressor shop pit.

BRIEF HISTORY: The C-720 building was constructed in 1953 and included the compressor shop pit and sump. The sump walls and floor are constructed of reinforced concrete that is 12- and 15-inch thick, respectively. Fluids from the compressors being repaired in the compressor shop pit flowed into the compressor trench which gravity-fed the sump. The sump was designed to discharge into a collection tank located outside the C-720 building.

OPERATIONAL STATUS: Inactive

DATES OPERATED: 1953 to 1973

SITE/PROCESS DESCRIPTION: The sump was used to collect fluids drained from the repair of compressors in the compressor shop pit. The sump would discharge into a collection tank (SWMU 31) outside the C-720 building. The design of the compressor shop pit sump included a subterranean drain system into which the sump would discharge if the sump pump failed and waters reached an overflow height.

WASTE DESCRIPTION: Wastewaters from compressor shop operations. Potential contaminants include semivolatiles, TCE, and its degradation products, metals, and radionuclides.

WASTE QUANTITY: Preliminary information from the Remedial Investigation/Feasibility Study (RI/FS) indicate the presence of water/sludge in the sump approximately six feet deep (an estimated 712 gallons).

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: Preliminary data from the RI/FS indicate the presence of various metals, radionuclides, semivolatiles, and volatiles. See RI/FS report for details.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: Sump discharged into a collection tank (SWMU 31). No documented releases of the sump discharging into the subterranean drain system. This unit was investigated as part of WAG 27 per the RI/FS Work Plan.

GROUNDWATER: N/A

SURFACE WATER: N/A

∴ Potential for releases into subterranean drain system for C-720. No documented releases of this

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

DOCUMENTATION OF NO RELEASE: N/A

ACTION OR BY OTHER SWMU/AOC: SWMU 141 and SWMU 31

COMPARISON: N/A

NECESSARY: Yes. Unit has been investigated as part of WAG 27. Any releases or contamination to be addressed as part of the groundwater operable unit.

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

C-746-H3

TENNESSEE AVENUE

