



# Environmental Restoration Project

## Area of Concern (AOC) No. 1014: Former T-12, T-42, and T-43 Septic System, TA-V

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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### Site History

Historical SNL/NM Facilities Engineering drawings indicate that this septic system consisted of a septic tank plumbed to a single seepage pit, and was located about 30 feet north of the former group of “T” (temporary) buildings identified as T-12, T-42, and T-43, in TA-V. It is assumed that this septic system was abandoned in the early 1990s when the City of Albuquerque sanitary sewer system was extended into TA-III. No other historical research has been conducted for this site.

### Constituents of Concern

Constituents of concern for this site are unknown.

### Current Hazards

No known surface hazards have been identified. Analytical data for soil samples collected at the site had not been compiled or analyzed as of November 2001; therefore potential subsurface environmental hazards are unknown.

### Current Status of Work

Samples were collected from the septic tank in late 1990 or early 1991, 1992, and 1995 for waste characterization purposes.

A field inspection at the site was conducted in June 1995 and the system was located and determined to be intact at that time.

The location of the system was surveyed with Global Positioning System (GPS) equipment in September 1995 when it was learned that it would be demolished, so it could be re-located for purposed of future characterization work.

The tank was inspected in January 1996 with the intention of removing the remaining contents, but it was found to be dry and empty at that time.

This septic system was demolished in approximately 1997 and was covered over by a parking lot associated with construction of the new Building 6585.

Shallow soil samples were collected from a single boring drilled through the Building 6585 parking lot asphalt, and at the location of the former seepage pit (relocated with GPS equipment) in July 1998 and again in August 1999. The samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total cyanide, high explosive (HE) compounds, metals, and radionuclides.

## **Future Work Planned**

Analytical results for the soil samples collected in 1998 and 1999 will be compiled and reviewed.

This site may be selected for deeper environmental characterization sampling if analytical results from the shallow sampling indicate potentially significant contamination at depth.

## **Waste Volume Estimated/Generated**

No environmental characterization or remediation waste has been generated at the site to date.

**Information for ER Site 1014 was last updated Jan 24, 2003.**