

# Environmental Restoration Project



## Area of Concern (AOC) No. 1003: Former Building 915/922 Septic System, TA-II

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

Site History .....	1
Constituents of Concern.....	1
Current Hazards .....	1
Current Status of Work .....	1
Future Work Planned .....	2
Waste Volume Estimated/Generated .....	2

Primary Contact: [Dick Fate](#)

Office Phone: 284-2568

### Site History

Historical SNL/NM Facilities Engineering drawings indicate that this system consisted of a septic tank plumbed to two seepage pits on the west side of Buildings 915 and 922, in TA-II. 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. Environmental characterization has not been conducted at the site; therefore potential subsurface environmental hazards are unknown.

### Current Status of Work

Samples were collected from the septic tank in 1992 for waste characterization purposes. The tank was inspected in March 1996 and was found to be dry and contained about 6 inches of dried sludge. No information has been found to indicate that the residual tank contents have been removed.

A field inspection at the site was conducted in November 1999 and the two seepage pits and septic tank were located and determined to still be intact at that time.

To determine if environmental contamination is present beneath this system and in accordance with agreements reached with NMED personnel, additional sampling was conducted at this site. As shown on the site map, passive soil vapor samplers were installed at six locations around the two seepage pits in April 2002 to detect the presence or absence of VOCs at the site. A single soil sample boring was also drilled down through the center of, and directly beneath each of the two seepage pits at this site in September 2002. Soil samples collected from these two borings 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**

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 1003 was last updated Jan 24, 2003.**