



Environmental Restoration Project

Area of Concern (AOC) No. 1010: Building 6536 Septic System and Seepage Pit, TA-III

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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Site History

Historical SNL/NM Facilities Engineering drawings indicate that a septic system (consisting of a septic tank connected to a single seepage pit), and a second seepage pit (without a septic tank) are located on the southeast side of Building 6536, in TA-III. Apparently the second seepage pit was constructed after the septic system to accommodate additional waste discharges from the building. It is assumed that these septic and drain systems were 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. 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 late 1990 or early 1991, 1992, and 1995 for waste characterization purposes. The tank was pumped out and cleaned in August 1996.

A field inspection was conducted at the site in July 1999 and the septic system and second seepage pit were located and determined to still be intact.

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 septic system and seepage pit at this site in April 2002 to detect the presence or absence of VOCs at the site. A single soil sample boring was also drilled directly beneath each of the two seepage pits at this site in August 2002. Soil samples collected from these 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

A total of 1000 gallons of effluent (including water added to facilitate pumping) was removed from the septic tank in August 1996. No environmental characterization or remediation waste has been generated at the site to date.

Information for ER Site 1010 was last updated Jan 24, 2003.