

Environmental Restoration Project



Area of Concern (AOC) No. 1084: Building 6505 Septic System, TA-III

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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Site History

Historical SNL/NM Facilities Engineering drawings indicate that this system consisted of a septic tank and drainfield located approximately 80 feet west of the southwest corner of Building 6505, in TA-III. 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. 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 for waste characterization purposes. No information has been found to indicate that the residual septic tank contents have been removed.

A field inspection at the site was conducted in September 1999 and no surface expression of this system was found. A backhoe was therefore used at the site in March 2002 to physically locate the drainfield drainlines. 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 five locations in the septic system drainfield area in April 2002 to detect the presence or absence of VOCs at the site. Three soil sample boring were also be drilled directly beneath drainfield drainlines 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

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

Information for ER Site 1084 was last updated Jan 17, 2003.