



Environmental Restoration Project

Area of Concern (AOC) No. 1115: Former Offices Septic System (Solar Tower Complex)

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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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 and drainfield located on the west side of the Solar Tower complex. This system was located approximately 980 feet northwest of the solar tower (Building 9980), south of Building 9984, and about 10 feet west of the north-south paved road to Building 9980. It is assumed that this septic system was abandoned in the early 1980s when the original Solar Tower complex offices were removed and replaced by more permanent buildings. 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 as of November 2001; therefore potential subsurface environmental hazards are unknown.

Current Status of Work

Samples may have been collected from the septic tank in 1992 for waste characterization purposes, although available information is unclear as to which tank was actually sampled. No information has been found to indicate that the residual tank contents (if any remain) have been removed from the tank.

A site inspection was conducted in August 1999 and the septic tank was located and determined to be intact. A backhoe was also used to expose and locate the drainfield drain lines in August 1999.

Shallow soil samples were collected from three borings drilled in the drainfield area in August 1999. These 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 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 1115 was last updated Jan 24, 2003.