

Environmental Restoration Project



Area of Concern (AOC) No. 1091: Building 6720 Septic System TA-III

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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Site History

Historical SNL/NM Facilities Engineering drawings indicated that this system consisted of a septic tank and a Y-shaped drainfield located approximately 90 feet north of the northwest corner of Building 6720, in TA-III. Three rounds of septic tank sampling were conducted at systems throughout the SNL complex in late 1990 and early 1991, 1992, and in 1995. The 1990-1991 data includes results from a Bldg. 6721 septic tank, but nothing from a Bldg. 6720 tank. The 1992 data does not include results from either a Bldg. 6720 or 6721 tank. The 1995 data includes results from a Bldg. 6720 tank only, and nothing from a Bldg. 6721 tank. In 1996 numerous SNL septic tanks were cleaned out and decontaminated. Pumping was reportedly conducted at a Bldg. 6720 tank, and no mention is made of a Bldg. 6721 tank.

A site inspection was conducted with New Mexico Environment Dept. (NMED) personnel on September 20, 1999, and no above-grade components, or evidence indicating that a Bldg. 6721 septic system existed was found. A backhoe was taken to the site on March 19, 2002, and several exploration trenches were excavated at the location of this system shown on engineering drawings, and again no evidence was found to indicate that this system had been constructed. It is therefore assumed that the system never existed, especially given the fact that there are no restroom facilities in Bldg. 6720. The only drain system found at the site was a seepage pit (Drain and Septic System Site number 1111) on the north side of the building which was connected to a sink inside Bldg. 6720. It is also assumed that the reported sampling and pumping of the Bldg. 6720 septic tank actually took place at the Bldg. 6721 septic tank, which is located east of and next door to Building 6720. A backhoe was used in March 2002 to locate and confirm the existence of the Building 6721 septic system drainfield. The Bldg. 6721 septic tank was not located, and appeared to have been removed at some point after it was apparently pumped and decontaminated in 1996.

Constituents of Concern

This septic system was determined to never have been constructed, therefore there are no constituents of concern for this site.

Current Hazards

There are no known surface or subsurface hazards at this site.

Current Status of Work

Since this system was determined not to exist, no environmental characterization work will be conducted at the site.

Future Work Planned

Since this system was determined not to exist, no environmental characterization work will be conducted at the site.

Waste Volume Estimated/Generated

No environmental characterization or remediation waste has been generated from this site.

Information for ER Site 1091 was last updated Jan 27, 2003.