

**Environmental Restoration (ER) Project
Cerro Grande Fire
Accelerated Action Information Sheet**

**Potential Release Site (PRS) 18-001(b)
Sewer Lines**

Technical Area (TA)-18 is located off Pajarito Road near the confluence of Pajarito Canyon and Threemile Canyon. The principal activities at TA-18 are the design, construction, research, development, and application of experiments that involve chain reactions of atoms splitting fast enough to be self-sustaining (called nuclear criticality).

PRS History: PRS 18-001(b) includes former sewer lines associated with the sanitary lagoons (PRS 18-001[a]) that were located on the south side of Pajarito Road, approximately one mile east of TA-18. This system was placed into service in 1969; service was discontinued in 1992. PRS 18-001(b) was sampled in 1993 and dismantled in 1995. Dismantlement of the manholes consisted of removing the manhole cap and filling the manhole to the level of the inlet and outlet pipes with concrete. Residual sediment in the manholes was left in place.

PRS 18-001(b) is listed on the Hazardous and Solid Waste Amendments module of the Laboratory's Hazardous Waste Facility permit. ER Project personnel have proposed PRS 18-001(b) for no further action; there are no indications of residual risk at the site.

Issues of Concern: During the Cerro Grande fire, the area upstream of PRS



18-001(b) was burned at an intensity rated as low to high. There is little potential for erosion or scouring at the PRS, although the old lines could interfere with channel reconstruction.

Accelerated Action Status: During the preparation of the Cerro Grande Accelerated Action PRS Status Sheets, ER Project personnel noted that they needed more information about re-channelization efforts and that the erosion matrix score needed to be re-evaluated based on flood potential.

Related Documents: LA-UR-95-295