

Executive Summary

The remedy for groundwater contamination at the Applied Materials Building 1 (AM1) Superfund site at 3050 Bowers Avenue in Santa Clara, California, has included soil excavation, groundwater extraction and treatment, groundwater monitoring, and institutional controls. This is the third five-year review for the Building 1 site. The trigger for this five-year review was the completion of the last five-year review in July 2000.

Remedial actions conducted at the site are achieving success. Groundwater extraction began in 1985 and continued until December 2002 when the extraction system was discontinued due to declining contaminant concentrations. Groundwater concentrations have declined significantly and reached asymptotic levels. Until cleanup goals are achieved, the remedy is protective of human health and the environment in terms of preventing ingestion of contaminated water through the use of institutional controls prohibiting the use of shallow groundwater. Further information is needed to determine that the deed restrictions are in place and properly recorded.