

## SUMMARY

This report presents the results of the Applied Materials Building 1 (the Site) ground water monitoring and remediation program from February 2003 through January 2004. This report also summarizes other activities performed in compliance with the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), Site Cleanup Requirements Order No. 90-134, as amended by Order No. 93-056.

Ground water monitoring tasks at the Site during the February 2003 through January 2004 reporting period included:

- Sampling and analyzing ground water for volatile organic compounds (VOCs) on January 14, 2004;
- Measuring water levels in Site monitoring and extraction wells on July 10, 2003, and January 14, 2004;
- Sounded well depths on January 14, 2004;
- Obtaining approval from the RWQCB for the destruction of eight extraction and monitoring wells, as well as the removal of the air stripper and equipment pad from the Site on October 21, 2003;
- Sampling and analyzing ground water for VOCs in extraction well AM1-10 on July 10, 2003; and
- Preparing ground water elevation and VOC isoconcentration contour maps.

Upon observing that VOC concentrations at the Site are low and gradually declining towards meeting cleanup goals, the RWQCB in December 2002 allowed for the suspension of ground water extraction at the Site (RWQCB, 2002).

VOC concentrations in A-zone and A2-zone ground water remained relatively stable during this reporting period as compared to the same period last year. To date, no “trigger” levels have been exceeded, indicating the plume is stable and is progressing toward cleanup standards in an acceptable manner.

In 2003, all of the labs in Building 1 were closed, with most of the labs converted into office space. The remodeling of Building 1 included removing the existing equipment pad and air stripper on the west side of the Building 1. Since several of the extraction and monitoring wells were located within the construction footprint, the wells were destroyed with RWQCB approval prior to construction activities. These wells will not be replaced, as they are no longer needed to provide adequate Site monitoring. No additional remedial action is planned within the next calendar year.