



## Site History

From 1984 to 1991 Eaton/AIL Systems, Inc. which at the time occupied all 35 acres of the site, conducted electronics research and manufacturing operations. Their operations involved the use of a chemical known as trichloroethene (TCE), a common degreaser which is non-flammable and displaces water. The environmental investigation of the Site started in 1992 under DTSC oversight. The current cleanup efforts are part of a Corrective Action Consent Agreement between the Eaton Corporation and the DTSC.

## When will the work start?

Installation of the DPVE vacuum system is scheduled to begin in May of 2003. It will operate 24 hours a day 7 days a week for two to three years except for days it is scheduled for maintenance. Some preliminary work such as surveying, trenching and the installation of monitoring wells may be done in the earlier months.

## Glossary

**Cleanup:** Actions taken that deal with a release or threat of a release of hazardous substance that could affect people or the environment. The term "cleanup" is often used interchangeably with the terms remedial action, removal action, remedy, remediation, or corrective action.

**Dual-Phase Soil Vapor Extraction (DPVE):** A commonly used technique for cleaning up contaminated soils. SVE draws air through contaminated soils creating a VOC-laden vapor that is then treated and released in a non-harmful form. Dual-phase extraction incorporates a high vacuum pump to allow the removal of groundwater from the subsurface, thus exposing VOC's adhered to soils below the groundwater table to air promoting volatilization of the VOC's into the extracted soil vapor stream.

**Groundwater:** Water beneath the earth's surface that flows through soil and rock openings. At this Site, "shallow groundwater" is encountered at approximately 12-18 feet below ground surface and is not used as a source of drinking water.

**Trichloroethene (TCE):** Chemical used mainly in dry cleaning and metal-degreasing operations. Its use in industrialized countries has declined sharply since 1970. It evaporates rapidly if exposed to air and is absorbed into the body by breathing, ingestion or contact with the skin. TCE is toxic and is listed as a cancer-causing chemical under Proposition 65.

**Volatile Organic Compounds (VOC's):** Chemical compounds that evaporate easily but do not dissolve easily in water. The VOC's at the site include trichloroethene (TCE) and 1,1,1-trichloroethane (1,1,1-TCA) often used in industrial solvents. If handled improperly, VOC's are hazardous to human health.

## For More Information

If you have questions regarding the environmental investigation and proposed cleanup measures, please contact:

Eloy Florez, DTSC Public Participation Specialist, (818) 551-2875

Maria Fabella, DTSC Project Manager, (818) 551-2918

Jeff Allen, Eaton Corporation Project Manager, (216) 523-4777

### Information Repositories

This and the negative declaration, which are part of the Administrative Record for the site, as well as other documents relating to the Site are available for public review at the DTSC regional office:

1011 North Grandview Avenue  
Glendale, California 91201  
(818) 551-2800

