



California Environmental Protection Agency  
Regional Water Quality Control Board

## Stanford Linear Accelerator Center Environmental Restoration Project Fact Sheet 01 - June 2006

### Introduction

This is the first in a series of fact sheets that will be distributed to inform the community about environmental restoration activities being conducted at the Stanford Linear Accelerator Center (SLAC) facility located at 2575 Sand Hill Road in Menlo Park, San Mateo County, California. SLAC is a research facility, specializing in photon science, and particle and particle astrophysics research. The facility is operated by Stanford University for the U.S. Department of Energy (DOE). The San Francisco Bay Regional Water Quality Control Board (Water Board) is the administering State regulatory agency overseeing the Environmental Restoration Project at SLAC.

This fact sheet contains information about the site investigation and cleanup work being conducted under Water Board Site Cleanup Requirements Order R2-2005-0022, which was issued in May 2005.

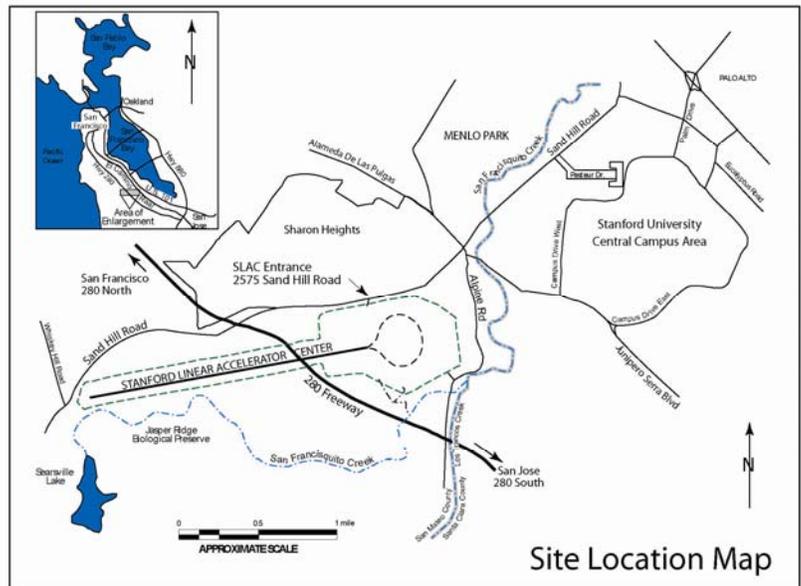
### Site Location and Background

SLAC is located approximately two miles west of the main Stanford University campus, in an unincorporated portion of San Mateo County. The 426-acre property is owned by Stanford University, and the research facility is operated by Stanford University under a contract with the DOE. SLAC was constructed in 1963 and is surrounded by a mix of residential, research and commercial uses, and open space.

### Upcoming Site investigations and Remedial Actions

Stanford University and DOE are committed to protecting the health and safety of those working at the facility, the public, and the environment as it carries out its scientific mission. As part of SLAC's overall Environmental Protection and Restoration Programs, Stanford University and DOE have worked closely with the Water Board and other regulatory agencies since the 1980s to identify and restore areas of the facility impacted by releases of chemicals, such as cleaning solvents, transformer oil, and motor oil, to soil, surface water, and groundwater. Over the last 20 years, significant progress on the cleanup activities has been made to restore impacted areas, including installing and operating groundwater treatment systems, excavating chemically-impacted soil and restoring environmental habitat when removed for the cleanup.

The Water Board's Order consolidates remedial activities under a consistent regulatory framework. The Order requires Stanford University and the DOE to complete site investigations, prepare human health and ecological risk assessments, evaluate cleanup alternatives, and propose site cleanup plans. These reports will be completed and submitted to the Water Board over the next few years. In addition, interim remedial actions will be conducted on an on-going basis to ensure continued progress on the site cleanup. Stanford University and DOE will continue to work in close collaboration with the Water Board throughout this process. The community will be



Site Location Map

kept informed of site cleanup activities and will be invited to comment on key technical documents as the Order requirements are completed.

### **Opportunities for Public Involvement**

Pursuant to the Public Participation Plan for SLAC (February 2006), approved by the Water Board, the public is encouraged to contact Board staff or SLAC's representative with questions about the site. In addition, key technical documents will be available for public comment. Fact sheets such as this one will be used to notify the public when these documents are available for public comment and will indicate the procedures for submitting comments. The reports will be available for review at the local Information Repository that has been established in the reference section at the Menlo Park Public Library, located at 800 Alma Street in Menlo Park, as well as at the Water Board office. Electronic versions of reports will be available on the State's data management site at {<http://www.geotracker.swrcb.ca.gov>}; click on "Case Finder" then enter the case number "2179.7052", click on "Report", click on "site documents". Documents created to date pursuant to Water Board Orders are already posted on that website. For more information about the environmental program at SLAC, you may contact:

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