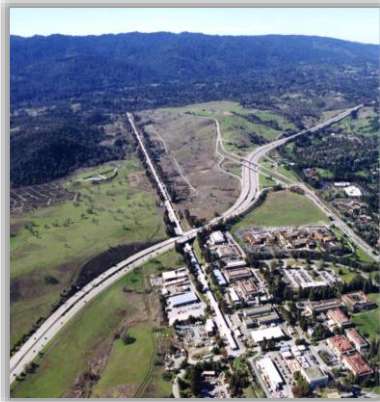


Soil and Groundwater Investigation and Remediation, and Construction Oversight for High Energy Research Facility

Menlo Park, CA



EKI has provided a broad range of environmental consulting services to the SLAC National Accelerator Laboratory (SLAC), a 426-acre facility, located in Menlo Park, California, devoted to experimental and theoretical research in particle physics. Volatile organic compounds (VOCs) are present in soil and groundwater, and polychlorinated biphenyls (PCBs), lead, and other metals are present in soil and sediment.

On behalf of SLAC, EKI has prepared Remedial Investigation (RI) reports, Baseline Human Health and Ecological Risk Assessments, Feasibility Studies, and Remedial Action Plans (FS/RAP) for three operable units at SLAC. The reports were prepared pursuant to National Contingency Plan (NCP) guidance pursuant to an Order from Regional Water Quality Control Board (RWQCB) and developed consistent with the Comprehensive Environmental Response, Compensation Liability Act (CERCLA) guidance. EKI prepared an Engineering Analysis/ Cost Estimate (EE/CA) for accelerated removal actions involving soil excavation, and implemented such removal actions at several locations in SLAC. EKI has tested stormwater for hydraulic parameters and chemical concentrations and developed designs for stormwater treatment to reduce PCBs in runoff.

EKI has conducted soil and groundwater remedial investigations; performed risk assessments and developed remedial goals; planned and executed hydrogeologic testing programs; designed and implemented soil excavation projects and in situ remediation systems; provided construction oversight and permitting services; monitored and evaluated remediation progress; provided system optimization services; and represented SLAC in regulatory meetings and at public meetings.