

Groundwater Remediation at LAX Airport

Los Angeles International Airport



Groundwater Remediation System

For over 20 years, EKI has provided technical program management of Jet A fuel releases from a 20 million gallon above-ground fuel storage facility at the Los Angeles International Airport. EKI performed modeling to estimate that up to 450,000 gallons of free hydrocarbon product was present in groundwater at a thickness of up to seven feet, prior to remediation. Construction and operation of groundwater remediation systems was coordinated with daily airport operations and the construction schedule for modernization of the fuel storage area. The fueling systems at LAX remained fully operational throughout the redevelopment and remediation of the fuel storage facility.

The EKI project team evaluated previous environmental investigations by other consultants, formulated a plan of action for the remediation of the fueling facilities, provided daily technical program management for the client and management of geochemical databases, negotiated with the California Regional Water Quality Control Board and other regulatory agencies, provided technical support for the client's attorney, prepared reports for submittal to regulatory agencies, interfaced with contractors and consultants to the client, designed groundwater and soil remediation systems and formulated strategies for decommissioning and closure of fueling facilities and pipeline right-of-ways. EKI managed operation and maintenance of remediation systems for 17 years before obtaining agency approval to terminate active remediation and begin destruction of selected groundwater monitoring wells.