

Assistance to City RDA with Redevelopment of Former Railroad Property

Fremont, CA



Phase 1 Area Post Remediation



Soil Excavation in Phase 2 Area

EKI assisted the City of Fremont Redevelopment Agency (City) with the remediation of a 6-acre former railroad property. The City redeveloped the historic railroad property as mixed commercial and residential use. Prior to remediation, fill soil on the property contained elevated concentrations of petroleum hydrocarbons, heavy metals including arsenic, pesticides, polychlorinated biphenyls, and polynuclear aromatic hydrocarbons.

EKI performed soil and groundwater investigations to define the extent of chemicals in fill soil and groundwater on the property, provided the City with a remediation plan designed to be protective of human health and the environment and also to determine cost savings, and prepared a Remedial Action Plan and Remedial Design Implementation Plans for the two phases of remediation. All plans were approved by the Department of Toxic and Substances Control (DTSC). The work was partially funded with a \$100,000 Cleanup Grant from the U.S. Environmental Protection Agency.

Remedial actions included excavation of impacted soil, placement of structural fill, site stabilization, and construction of a temporary parking lot. EKl prepared the environmental portions of the technical plans and specifications for the earthwork construction activities and was on-site during remediation activities to perform confirmation soil sampling, characterization waste sampling, and perimeter air monitoring. Phase 1 of the remediation was completed in 2007 and included excavation of more than 11,000 tons of soil. Phase 2 was completed in January 2012 and included excavation of more than 25,000 tons of soil. EKl prepared a Remedial Action Completion Report (RACR) for the Phase 1 area which was approved by the DTSC. The RACR for the Phase 2 area was submitted to DTSC in April 2012.