

ERH Remediation of PCE Under Occupied Building

Santa Cruz, California

Remediation Goals

- PCE concentration in soil reduced to below commercial clean-up goals
- 99.9% reduction of PCE in groundwater

Site Characteristics

- Treatment volume of 10,700 cubic yards
- Treatment zone located under occupied building and active parking lot



Horizontal Drilling

System Construction

- Network of four trenches designed for placement of electrode supply cables
- Trenches opened at end of work week, as to minimize disruption to existing tenants on site, and backfilled on Monday

Results

- 107 pounds of contaminant mass recovered



Equipment Mobilization