



Bay Road Site, East Palo Alto, California

Facility

Site used for the manufacture of arsenic-based pesticides from the 1920's through 1960's.

Problem

88,000 kg of arsenic in soils which exceed 20 ppm standard.
20-acre arsenic plume in shallow ground water.

SSP&A's Role

Conducted feasibility study.
Supervised implementation of remedies.

Remedy Goals

Soil cleanup to a level protective of ground water.
Preclusion of contact with contaminated surface soil.
Prevention of ground water plume migration to off-site areas.

Implemented Remedy

Hot spot removal of soil with arsenic >5000 ppm with off-site disposal.
Phytoremediation to mitigate arsenic in ground water.
Restoration of 115 acre saltpond.
Slurry wall to contain ground water plume.
Soil fixation/solidification for high concentration soils.
Innovative asphalt and soil caps.

Status

Multi-phased remediation and restoration implemented in 1992 and continuing to present.