

**Jasco Chemical Corporation  
Mountain View, California  
Region 9  
CAD009103318**

**Site Exposure Potential**

The Jasco Chemical site is a 0.8-hectare property in a commercial/residential area of Mountain View, California. The site is bordered on the northeast by the Central Expressway and the Southern Pacific Railroad and on the remaining sides by residential neighborhoods (Figure 1). Since 1976, the Jasco Chemical Corporation has formulated chemical products at the site, which has a tank farm with eight underground storage tanks ranging in size from 19,000 to 45,000 liters. Methylene chloride, pentachlorophenol, paint thinner, denatured alcohol, methanol, deodorized kerosene, lacquer thinner, and acetone have been stored in these tanks. Two dry wells on-site collect storm water runoff from roofs and paved areas. In addition, surface runoff drains into a pipe that discharges off-site. Spills are known to have occurred at the site (EPA 1987).

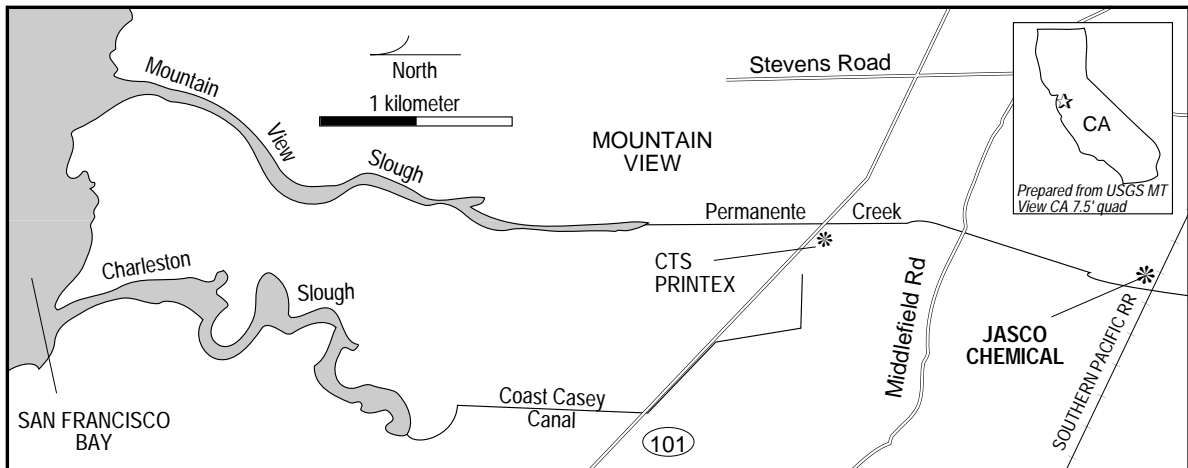


Figure 1. The Jasco Chemical Corporation site in Mountain View, California.

The site is flat, with the slope of the surrounding area less than three percent toward San Francisco Bay to the north-northeast (EPA 1987). Permanent Creek, less than 100 meters west of the site, flows 4 km to Mountain View Slough, which empties into San Francisco Bay 6 km below the site. Two other NPL sites, CTS Printex and Spectra-Physics, Inc., are in the Permanent Creek drainage area below the Jasco Chemical site.

Possible contaminant migratory pathways include surface water runoff and groundwater flow to Permanent Creek and Mountain View Slough.

**Site-Related Contamination**

In 1983, a citizen complained to the California Regional Water Quality Control Board that dumping of solvents at the rear of the site occurred on a daily basis (EPA 1987). Subsequent analysis of soil and groundwater samples taken from the site revealed high levels of methylene chloride, pentachlorophenol (PCP), creosote, 1,1,1-trichloroethane, and toluene in soil and groundwater (Wahler Associates 1987). PCP concentrations in groundwater exceeded acute AWQC (Table 1) (EPA 1986).

Table 1. Maximum concentration of contaminants at the Jasco Chemical Corporation site (Wahler Associates 1987); AWQC for the protection of freshwater aquatic life (EPA 1986); concentrations for soil in mg/kg and for water in µg/l.

Contaminant	Soil	Groundwater	AWQC	
			Acute	Chronic
methylene chloride	3,400	142,000	N/D	N/D
pentachlorophenol	0.2	50	20††	13††
1,1,1-trichloroethane	22	2,040	N/D	N/D
toluene	1,700	N/A	17,500 †	N/D

N/A: Not available; N/D: Criteria not developed; † LOEL; †† pH -dependent (based on a pH of 7.8)

### NOAA Trust Habitats and Species in Site Vicinity

Habitats of concern to NOAA include Mountain View Slough, San Francisco Bay, and Permanente Creek. Permanente Creek is a continuously flowing, low-gradient stream with an average width of six meters and a depth ranging from 0.3 to 1.5 meters (Rugg 1988). The lower 1.5-km stretch of the creek is diked and tidally influenced. Steelhead trout is the only anadromous fish species in Permanente Creek. The run is very small, consisting of less than 50 individuals (Rugg 1988).

Mountain View Slough is a tidally influenced waterway that connects Permanente Creek with the southern portion of San Francisco Bay. The area around Mountain View Slough is diked and wetland habitat is extremely limited. From a resource perspective, the Slough acts as a narrow extension of San Francisco Bay and is not a unique habitat in itself. NOAA trust resources are present in Mountain View Slough and in San Francisco Bay (Table 2) (USFWS 1981).

Table 2. NOAA trust resource use of Mountain View Slough and the southern part of San Francisco Bay (USFWS 1981).

Species	Spawning Area	Nursery Area	Adult Area	Migratory Route	Commercial Fishery	Recreational Fishery
<b>INVERTEBRATES</b>						
bay shrimp	X	X	X		X	
softshell clam	X	X	X			
common littleneck clam	X	X	X			
<b>FISH</b>						
white sturgeon			X			X
green sturgeon			X			X
steelhead trout				X		
silver salmon				X		
striped bass				X		
<b>MAMMALS</b>						
harbor seal		X	X			

**Response Category:** Superfund Lead

**Current Stage of Site Action:** RI/FS is in progress with ongoing interim actions. Formal submittal of RI/FS Workplan from contractors is anticipated soon.

**EPA Site Manager**

Rob Saunders	415-974-7469
--------------	--------------

**NOAA Coastal Resource Coordinator**

Chip Demarest	415-974-8509
---------------	--------------

**References**

EPA. 1986. Quality Criteria for Water. Washington, D.C.: Office of Water Regulations and Standards, Criteria and Standards Division. EPA 440/5-86-001.

EPA. 1987. National Priorities List, Superfund Hazardous Waste Site Listed under the CERCLA, Jasco Chemical Corporation, Mountain View, California. San Francisco: U.S. Environmental Protection Agency, Region 9.

Rugg, M., Water Quality Biologist, California Department of Fish and Game, Napa, California, personal communication, November 29, 1988.

USFWS. 1981. Pacific coast ecological inventory: San Francisco, California. Washington, D.C.: U.S. Fish and Wildlife Service. 1:250,000-scale map.

Wahler Associates. 1987. Site Inspection Report, Jasco Chemical Corporation, June 1987. Mountain View, California: Jasco Chemical Corporation.