

NPL-007-2-197

MO0050-01148

National Priorities List

Superfund hazardous waste site listed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended in 1986

**EL TORO MARINE CORPS AIR STATION
El Toro, California**

A Marine Corps Air Station covers approximately 4,700 acres southeast of Santa Ana in El Toro, Orange County, California. Commissioned in 1943, it supports the Fleet Marine Forces in the Pacific Ocean. The surrounding area, once primarily agricultural, is urbanizing rapidly.

Station El Toro is participating in the Installation Restoration Program (IRP), the specially funded program established in 1978 under which the Department of Defense has been identifying and evaluating its past hazardous waste sites and controlling the migration of hazardous contaminants from those sites. As part of IRP, the Navy identified 21 problem areas at the station, including three landfills containing both hazardous and solid waste; buried drums of explosives and low-level radioactive waste; and areas where PCBs, battery acids, leaded fuels, and other hazardous substances were dumped or spilled.

In tests conducted early in 1987, the Orange County Water District found trichloroethylene and tetrachloroethylene in shallow irrigation wells on and downgradient of the site. An estimated 1,100 acres of land are irrigated by wells within 3 miles of the site.

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Encl (4)

Facility name: El Toro Marine Corps Air Station

Location: Orange County, California

EPA Region: Region 9

Person(s) in charge of the facility: _____

Name of Reviewer: Carolyn d'Almeida Date: 5/87

General description of the facility:
 (For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

El Toro MCAS sits on a recharge area for the Orange
County ground water basin. A variety of hazardous wastes
and materials have been spilled or disposed of on site,
including solvents, PCB transformers, leaded fuels, paints,
napalm, battery acids, etc. Levels of TCE have been
detected in irrigation wells located on and adjacent
to the site.

Scores: $S_M = \frac{40.83}{70.64}$ ($S_{gw} = S_{sw} = 0$ $S_a = 0$)

S_{FE} = not evaluated

S_{DC} = not evaluated

FIGURE 1
HRS COVER SHEET

QA
 Kathleen Hallway
 7/30/87