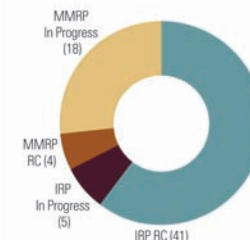


FFID:	CA921372067600	Media Affected:	Groundwater and Soil
Location (Size):	Marina, California (27,827 acres)	Funding to Date:	\$ 459.6 million
Mission:	Served as host to 7th Infantry Division (Light); supports the Defense Language Institute Foreign Language Center, currently at the Presidio of Monterey, California	Est. CTC (Comp Year):	\$ 386.9 million (FY 2037)
HRS Score:	42.24; placed on NPL in February 1990	IRP Sites (Final RIP/RC):	46 (FY2016)
IAG Status:	FFA signed in July 1990	MMRP Sites (Final RIP/RC):	22 (FY2019)
Contaminants:	VOCs, petroleum hydrocarbons, heavy metals, pesticides, SVOCs, explosives, propellants	Five-Year Review Status:	Completed and planned
		IRP/MMRP Status Table:	Refer to page C-6-19



Progress To Date

From 1917 to 1994, Fort Ord served primarily as a training and staging installation for infantry units. In FY87, a hydrogeological investigation identified the Fort Ord sanitary landfills as potential sources of contamination. Identified sites include landfills; underground storage tanks; motor pools; family housing areas; a fire training area; an 8,000-acre impact area; and an ordnance and explosives disposal area. In addition, Fort Ord has discovered that petroleum hydrocarbons and volatile organic compounds (VOCs) were contaminating the groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in 1990. DoD and EPA signed a federal facility agreement (FFA) in July 1990 to outline how they were going to proceed with cleanup. In 1991, the BRAC Commission recommended closing Fort Ord and moving the 7th Infantry Division (Light) to Fort Lewis, Washington. The Army closed Fort Ord in September 1994. In FY94, Fort Ord converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB). The installation also formed a BRAC cleanup team to develop a process for cleanup of sites. In FY99, the installation reestablished the technical review committee and dissolved the RAB. To ensure continuous monitoring and improvement, Fort Ord completed five-year review reports for Operable Unit (OU) 1 in FY01 and FY07.

To date, Fort Ord has transferred over 19,100 acres. The installation has completed 13 Records of Decision (RODs). The installation also conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Cleanup progress at Fort Ord for FY05 through FY08 is summarized below.

In FY05, Fort Ord completed a strategy for improving groundwater treatment systems and also began implementation at OU 2 and Site 2/12. The installation found the Track 0 plug-in properties suitable for transfer. Additionally, the installation completed a ROD for Track 1 and found related property suitable for transfer. Fort Ord also completed a remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives at the carbon tetrachloride site. Under the MMRP, Fort Ord completed cleanup to depth at Ranges 43 through 48.

The installation also began planning the prescribed burn project for munitions response at Site 16.

In FY06, Fort Ord installed an air stripper at the Site 2/12 groundwater treatment system. The installation also installed a landfill gas extraction and treatment system at OU 2 and a groundwater pilot study treatment system at OU 1. Additionally, Fort Ord completed a proposed plan for the groundwater carbon tetrachloride site. Under the MMRP, Fort Ord performed a site safety program for military munitions. The installation also transferred the Track 3 parcel and completed an RI/FS for the Track 2 site.

In FY07, Fort Ord closed Range 36A (an open burn/open detonation treatment facility permitted by RCRA); no further action was necessary at this site. Under the MMRP, Fort Ord conducted a prescribed burn and removed contamination to depth at Site 16. The installation also transferred 165 acres. The installation completed a five-year review report for all sites.

In FY08, Fort Ord constructed a groundwater treatment unit for the OU 1 off-site contaminated area. The installation signed a ROD and began groundwater cleanup at the carbon tetrachloride contaminated area. The installation also transferred 11 acres. Under the MMRP, Fort Ord signed RODs for Tracks 2 and 3, prepared work plans and FFA schedules, and began cleanup. Under the Environmental Services Cooperative Agreement the installation's Fort Ord Reuse Authority completed clearance activities at the Seaside 1-4 group.

FY09 IRP Progress

Fort Ord signed the ROD amendment and issued a work plan for Site 39. The installation continued to operate the groundwater treatment systems at Site 2/12 and OUs 1 and 2. The installation also constructed and began operation of a groundwater treatment system for the carbon tetrachloride-contaminated area. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the excavation of contaminated soil at Site 39

FY09 MMRP Progress

Fort Ord completed the ROD and issued a work plan for Track 3 (Del Ray Oaks). The installation transferred the Environmental Services Cooperative Agreement properties (3,340 acres) and 594 additional acres. In addition, Fort Ord conducted prescribed burns followed by munitions clearance at Bureau of Land Management (BLM) Units 18 and 22. The installation also completed removal actions at Track 2 (Parker Flats.)

Regulatory issues delayed the prescribed burns and munitions clearance at BLM Units 1 through 5. Administrative issues delayed completion of removal actions at the California State University and Monterey Bay.

Plan of Action

Plan of action items for Fort Ord are grouped below according to program category.

IRP

- Excavate soil at Site 39 in FY10-FY11.
- Continue operation of groundwater treatment systems at Site 2/12, OUs 1 and 2, and the carbon tetrachloride in FY10.
- Complete finding of suitability to transfer for Site 11 in FY10-FY11.

MMRP

- Conduct prescribed burns and munitions clearance at BLM Units 1 through 5 in FY10.
- Complete removal actions at the California State University and Monterey Bay in FY10.
- Conduct prescribed burns and munitions clearance in Burn Units 14 and 19.
- Begin the RI and FS for all remaining munitions response sites from site work plan in FY10.
- Complete the proposed plan and ROD for the Environmental Services Cooperative Agreement Group 2 munitions response sites in FY10.