

FFID:	CA921372067600	Media Affected:	Groundwater and Soil
Size:	27,827 acres	Funding to Date:	\$ 384.6 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):	\$ 299.9 million (FY 2022)
HRS Score:	42.24; placed on NPL in February 1990	IRP Sites (Final RIP/RC):	46 (FY2012)
IAG Status:	FFA signed in July 1990	MMRP Sites (Final RIP/RC):	22 (FY2017)
Contaminants:	VOCs, petroleum hydrocarbons, heavy metals, pesticides, SVOCs, explosives, propellants	Five-Year Review Status:	Completed



Marina, California

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. EPA placed the installation on the NPL in 1990. The Army and EPA signed a federal facility agreement in 1990. 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. The installation discovered that petroleum hydrocarbons and volatile organic compounds (VOCs) were migrating into groundwater. 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, the installation converted its technical review committee (TRC) to a Restoration Advisory Board (RAB) and formed a BRAC cleanup team. Since 1997 school safety briefings have been presented as part of the Military Munitions Response Program (MMRP) site security program. In FY99, the installation reestablished the TRC and dissolved the RAB. The installation completed 5-year reviews in FY01 and FY07 for OU 1. A comprehensive 5-year review for all sites was completed in FY07.

The Army has identified Installation Restoration Program (IRP) sites at Fort Ord. The Army has completed an inventory of all MMRP sites. The Army has transferred over 12,768 acres and completed 8 Records of Decision (RODs) to date. The cleanup progress at Fort Ord for FY03 through FY06 is detailed below.

In FY03, the installation completed a lead-contaminated soil consolidation and closed Operable Unit (OU) 2. The installation designated carbon tetrachloride plume (CTP) as OU CTP, and initiated a remedial investigation/feasibility study (RI/FS). The installation completed all RCRA clean closure actions for Building T 111. The installation continued operating three groundwater pump-and-treat plants. The Track 0 finding of suitability to transfer (FOST) and Del Rey Oaks finding of suitability for early transfer (FOSET) property transfers were initiated. The Army transferred 10 parcels totaling 484 acres. The installation initiated MMRP cleanup actions at the Seaside Parcel area and Monterey County Parcel and completed the removal at the Del Rey Oaks parcel. Long-term management

actions included munitions and explosives of concern (MEC) school safety presentations, clearance of fuels breaks in the impact area, site security patrols, and MEC awareness classes for construction workers. The installation completed the closed, transferred, and transferring ranges inventory report and organized 24 MMRP sites and some adjacent areas into range complexes covering 19,977 acres.

In FY04, the installation completed the Track 1 proposed plan (PP) and public comment period. The Army completed the non-munitions response (MR) related RCRA closure actions for open burn/open detonation (OB/OD) area 36A and the Track 0 FOST. The Army signed the Del Rey Oaks FOSET. The installation completed the PP and public comment period related to the ecological risk issues at Site 3. The Army transferred 1,227 acres. The Army completed a 500-acre vegetation removal and surface removal at MMRP sites Ranges 43 through 48, followed by remedial actions (RAs). The installation completed surface removal work at the 1,000-acre Watkins Gate area. The Army completed a 700-acre surface removal in the eucalyptus wildfire area.

In FY05, the installation completed a groundwater treatment systems optimization strategy and began implementation at OU 2 and Site 2/12. The Army completed FOSTs for Track 0 plug-in properties. Additionally, the Army completed a ROD for Track 1 and completed FOSTs for related property transfers. The installation completed an RI/FS for the carbon tetrachloride site. The installation completed RAs to depth at Ranges 43 through 48. The installation began planning the prescribed burn project for MR Site 16. In addition, the installation began an RI/FS for the Track 2 Parker Flats site and continued developing an RI/FS for Track 3 sites.

In FY06, the installation installed an air stripper at Site 2/12 groundwater treatment system. The Army also installed a landfill gas extraction and treatment system at OU 2 and a groundwater pilot study treatment system at OU 1. In addition, the Army completed a PP for a groundwater carbon tetrachloride site. Fort Ord continued development of an RI/FS for Track 3 sites and continued a site safety program for military munitions. The Army transferred Del Rey Oaks parcel and completed an RI/FS for Track 2 Parker Flats site.

FY07 IRP Progress

Fort Ord closed Range 36A (RCRA permitted OB/OD treatment facility) and no further action is required at this site. The installation issued the draft ROD and installed a pilot treatment system for the OU CTP. The Army expanded the treatment system and completed a 5-year review for OU 1. In addition, the installation continued investigations for Site 39 and optimization activities for OU 2. The cost of completing environmental restoration has changed significantly due to technical and regulatory issues and changes in estimating criteria.

FY07 MMRP Progress

Fort Ord completed PPs, public comment periods, and issued draft RODs for Del Rey Oaks (Track 2) and Parker Flats (Track 2) areas and issued the PP, completed public comment periods, and issued the draft ROD for Impact Area (Track 3). In addition, the installation conducted a prescribed burn and completed removal to depth for MR Site 16.

Plan of Action

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

IRP

- Complete Site 39 ROD amendment and excavate contaminated soils in FY08.
- Construct groundwater treatment unit for OU 1 offsite plume in FY08.
- Sign ROD and initiate groundwater remedy at OU CTP in FY08.
- Continue actions to optimize OU 2 groundwater treatment unit in FY08.

MMRP

- Sign three RODs, prepare work plans and FFA schedules, and initiate remedy in FY08.
- Complete prescribed burn and MR clearance activities for Impact Area Units 1-3 in FY08.
- Transfer environmental services cooperative agreement (ESCA) properties and initiate ESCA MMRP sites clearance activities in FY08.