



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
FORT ORD OFFICE, ARMY BASE REALIGNMENT AND CLOSURE  
P.O. BOX 5008, BUILDING #4463 GIGLING ROAD  
MONTEREY, CALIFORNIA 93944-5008

NOV 10 2009

Fort Ord Base Realignment and Closure Field Office

Dear Community Member:


Please join us at the next Community Involvement Workshop, which will be held on Wednesday, January 13, 2010 at the Marina Library located at 190 Seaside Circle, Marina, California. The meeting begins at 6:30 pm. We will present an overview of the Fort Ord groundwater cleanup program at this workshop. Also mark your calendars for our semi-annual guided bus tour of the Fort Ord cleanup projects scheduled for Saturday, February 20, 2010.

For the latest cleanup information, please check our web site [www.FortOrdCleanup.com](http://www.FortOrdCleanup.com). Included are the following items: a summary of the latest documents and the list of significant Fort Ord cleanup outreach events scheduled for 2010.

We are considering adding a 90-minute walking tour of some areas within our Impact Area to the 2010 outreach activities. The date for the walking tour will be determined by our winter rainfall – so we can schedule it based on the optimum wildflower viewing. As this is the first time we have considered this sort of tour, we are seeking your suggestions for this event. **If this activity interests you, please call Melissa Broadston at 393-1284 or send an email to [Melissa.Broadston@us.army.mil](mailto:Melissa.Broadston@us.army.mil) with any suggestions to help develop this new tour.** Let her know (by phone or email) if you'd likely participate so she can determine the level of community interest.

For questions, please call Melissa Broadston at (831) 393-1284 or by email at [Melissa.Broadston@us.army.mil](mailto:Melissa.Broadston@us.army.mil). Again, more cleanup information is on our web site at [www.FortOrdCleanup.com](http://www.FortOrdCleanup.com).

Sincerely,

  
Gail Youngblood  
BRAC Environmental Coordinator

Enclosures

**Fort Ord Environmental Cleanup  
10/7/2009 through 11/12/2009**

# DOCUMENT UPDATE

The **Document Update** is designed to assist community members in reviewing recently released documents related to the cleanup activities at the former Fort Ord. The Document Update is produced monthly and indicates public review dates (if applicable), document release dates, and also includes a summary of each document. Documents available for public information, review and comment are located in the Fort Ord Administrative Record (**AR**) office and the CSUMB Library (**CSUMB**) Information Repository. Some documents are also available at the Seaside (**SEIR**) Information Repository, although there is a smaller collection at Seaside due to a lack of shelf space. Many documents are also available on the Internet at [www.fortordcleanup.com](http://www.fortordcleanup.com). Contact the Administrative Record Office, located at Building 4463 Gigling Road (former Fort Ord) at 831-393-9186 or at [adminrecord@fortordcleanup.com](mailto:adminrecord@fortordcleanup.com) for questions.

**Submit written comments to the following address:  
BRAC Environmental Coordinator, P.O. Box 5008, Monterey, CA 93944-5008.**

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**REPORT: Draft, Work Plan, Historical Area 161 Excavation, Inter-Garrison Training Area, Former Fort Ord, California**

*Issued: 10/7/2009*

**Index Numbers:**  
AR IAFS-235

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This work plan describes the methods and procedures for the excavation, removal, and disposition of lead-contaminated soil from Interim Action (IA) Area 39B Historical Area (HA) 161 at the former Fort Ord, California.

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**REPORT: Draft, Group 4, Remedial Investigation/Feasibility Study Work Plan, Future East Garrison Munitions Response Areas, Fort Ord Reuse Authority Environmental Services Cooperative Agreement (FORA ESCA) Remediation Program**

*Issued: 10/9/2009*

**Index Numbers:**  
AR ESCA-0233

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

The Group 4 Remedial Investigation/Feasibility Study (RI/FS) Work Plan describes the cleanup of munitions and explosives of concern (MEC) on portions of the former Fort Ord in Monterey County, California. Group 4 is composed entirely of the Future East Garrison Munitions Response Area. The objective of this Work Plan is to outline the steps that will be taken to: 1) evaluate whether the nature and extent of MEC has been adequately characterized; 2) assess explosives safety risk that may be present; and 3) develop, screen, and evaluate alternatives to reduce the potential explosives safety risk to current and future property owners and the general public.

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**Fort Ord Environmental Cleanup**  
**10/7/2009 through 11/12/2009**

**REPORT: Final Prescribed Burn Air Monitoring Report, MRS-BLM Burn Units 18 and 22, Former Fort Ord, California, Revision 0**

*Issued: 10/1/2009*

**Index Numbers:**  
**AR OE-0689G**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This Air Monitoring Report describes the results of air sampling conducted to assess the potential impacts to air resulting from prescribed burn operations conducted to facilitate the cleanup for Munitions and Explosives of Concern (MEC) at Munitions Response Site Bureau of Land Management (MRS-BLM) Burn Units 18 and 22 at the former Fort Ord in Monterey County, California. Under the air-sampling program, concentration data for particulate matter less than ten microns (PM10) were collected for a 24-hour period that included the active ignition phase of the prescribed burn. Air samples were collected from seven monitoring stations located in representative public areas. The sampling locations were determined in consultation with the United States Department of the Army (Army), United States Environmental Protection Agency (USEPA), Department of Toxic Substances Control (DTSC), and the Monterey Bay Unified Air Pollution Control District (MBUAPCD) prior to the burn event initiated on December 10, 2008. In addition, the MBUAPCD performed real-time air monitoring during the burn at some of the seven monitoring stations for additional particulate concentrations and meteorological data that complemented data collected by the Army.

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**REPORT: Draft Final Site-Specific Work Plan, Munitions and Explosives of Concern Remedial Action, Non-Burn Areas, Former Fort Ord, California, Revision 0**

*Issued: 9/28/09*

**Index Numbers:**  
**AR OE-0685C**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This Site-Specific Work Plan (SSWP) outlines the site specific procedures for a Munitions and Explosives of Concern (MEC) Remedial Action in areas within the Impact Area Munitions Response Area (MRA) at the former Fort Ord, California that do not require burning. Other than the permanent fuel breaks, and designated buffer zones, the areas identified in this SSWP are dominated by non-Central Maritime Chaparral (CMC) vegetation types. Vegetation is primarily grasslands, coastal scrub, and vernal pond/wetland habitat, with small inclusions of CMC and Oak Woodland.

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**REPORT: Final, Habitat Restoration Plan Site 39 Inland Ranges, Former Fort Ord, California, Revision 0**

*Issued: 9/22/09*

**Index Numbers:**  
**AR BW-2450G**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This Habitat Restoration Plan (HRP) describes the procedures that will be followed by United States Department of the Army (Army) to restore native habitat in the areas which are likely to be impacted as a result of contaminated soil remediation activities within the Site 39 Inland Ranges of former Fort Ord Army Base in Monterey County, California.

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## **Fort Ord Environmental Cleanup** **10/7/2009 through 11/12/2009**

**REPORT: Final Record of Decision Amendment Site 39, Former Fort Ord, California, dated August 25, 2009 and signed September 30, 2009.**

*Issued: 8/25/09*

***Index Numbers:***

**AR RI-041E**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This decision document presents a change in the final soil cleanup levels and volume of soil to be addressed under the selected remedial action for the Site 39 Inland Ranges at the former Fort Ord originally identified in the Record of Decision, Basewide Remedial Investigation Sites, Fort Ord, California (Basewide ROD) dated January 13, 1997 (Army, 1997a). The selected remedy identified in the Basewide ROD addressed the risks to human health from lead contamination in soils co-located with bullets and constituents of explosives in soils from MEC usage at the Site 39 Inland Ranges. Since the Basewide ROD was signed in 1997, additional range areas and soil volumes within this habitat reserve area have been identified as requiring cleanup to address ecological risks to animal and plant species at these ranges.

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**REPORT: Final Annual Groundwater Treatment System Operation Data Summary Report, January through December 2008, Operable Unit 2 Groundwater Remedy, Former Fort Ord, California**

*Issued: 8/31/09*

***Index Numbers:***

**AR BW-2484G**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This 2008 annual evaluation report presents a discussion of OU2 system performance, an evaluation of monitoring data, including treatment plant operations data, and a hydraulic capture analysis during the 2008 annual reporting period. Based on the findings of this annual evaluation report, several system modifications are being recommended to improve performance, reduce costs and increase the likelihood of achieving cleanup goals.

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**REPORT: Final Sampling and Analysis Plan, Operable Unit 2, and Sites 2 and 12, Groundwater Treatment Systems, Former Fort Ord, California**

*Issued: 8/31/2009*

***Index Numbers:***

**AR BW-2480F**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This Sampling and Analysis Plan (SAP) summarizes the sampling and analyses procedures for monitoring concentrations of site-specific chemicals of concern (COC) in the extraction wells, the granular activated carbon (GAC) vessel effluent, throughout the Groundwater Treatment Plant (GWTP) and at the discharge points of compliance. The SAP was previously revised because the GWTS operations stabilized following GWTS installations and expansions; therefore, less frequent laboratory analytical data were required to monitor GWTS performance.

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**Fort Ord Environmental Cleanup**  
**10/7/2009 through 11/12/2009**

**REPORT: Final Operations and Maintenance Manual (O&M), Operable Unit 2 and Sites 2 and 12 Groundwater Treatment Systems, Former Fort Ord, California, Volumes I and II**

*Issued: 8/31/2009*

**Index Numbers:**

**AR BW-2479G**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

The objective of this O&M Manual is to provide adequate information for the Groundwater Treatment Plant (GWTP) Operator to safely and efficiently operate, maintain, and monitor the groundwater remedy in each mode of operation. Modes of operation include batch startup, the period after startup used to bring the groundwater remediation system's operating efficiency to a high level of utility, and normal, automated operation. This document describes the procedures and the data requirements necessary to meet this objective. The OU2 GWTS has been operating since 1995; however, the O&M Manual is periodically updated to reflect actual operating conditions. Changes in site conditions, system components, operating procedures, and experiences may also determine how the system is operated over the long term.

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**REPORT: Draft, Group 2 Remedial Investigation/Feasibility Study Report, California State University at Monterey Bay (CSUMB)Off-Campus, Munitions Response Area, FORA ESCA Remediation Program, Volumes 1-3**

*Issued: 9/17/2009*

**Index Numbers:**

**AR ESCA-0177**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This Group 2 RI/FS Report: 1) describes the nature and extent of MEC; 2) assesses explosives safety risk that may be present; and 3) develops, screens, and evaluates alternatives to reduce the potential explosives safety risk to current and future property owners and the general public. The Group 2 RI/FS Report will be used by the Army in developing the Proposed Plan and making a decision on remedial actions. The report is based on the evaluation of previous work conducted for the CSUMB Off-Campus MRA according to the guidance provided in the Group 2 RI/FS Work Plan.

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**REPORT: Final Interim Hydraulic Control Pilot Project Evaluation Report, Operable Unit 1, Fritzsche Army Airfield Fire Drill Area, Former Fort Ord, California**

*Issued: 9/11/09*

**Index Numbers:**

**AR OU1-549M**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

The Hydraulic Control Pilot Project (HCPP) is one component of the overall groundwater extraction and treatment system (GWETS) expansion. The HCPP system was constructed along the northwest boundary road of the Fort Ord Natural Reserve (FONR), near the physical boundary of the former Fort Ord. Construction began in February 2006 and was completed in June 2006. The HCCP system began operating on July 1, 2006. The goal of the HCPP is to prevent VOCs dissolved in the FONR groundwater from migrating beyond the northwest boundary of the former Fort Ord at concentrations greater than the established in the ROD. This report presents an interim assessment of HCPP performance with respect to meeting that goal. The performance evaluation is based on water quality sample results and groundwater elevation measurements collected through mid-April, 2007.

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**Fort Ord Environmental Cleanup**  
**10/7/2009 through 11/12/2009**

**REPORT: Final Operable Unit Carbon Tetrachloride Plume Remedial Action Work Plan, Former Fort Ord, California, Revision 0**

*Issued: 8/28/09*

***Index Numbers:***

**AR OUCTP-0036K**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This Remedial Action Work Plan (RAWP) describes the remedial actions to be conducted to implement the Record of Decision, Operable Unit Carbon Tetrachloride Plume (OUCTP), Former Fort Ord, California. The RAWP discusses the site characteristics, plume character, the regulatory framework and general construction requirements, groundwater monitoring and closure requirements. Separate appendices are included in the document to present detailed remedial designs for each of the three aquifers. This RAWP presents the site's history and physical setting, site conceptual model, and the general remedial approach. Project specific permitting and organizational considerations for the remediation of the OUCTP are also presented. This RAWP also provides a general description of the OUCTP sampling and analysis program that will evaluate the remediation process, post remediation progress and the long term monitoring of the three site aquifers.

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**REPORT: Draft Final, Remedial Design/Remedial Action Work Plan, Site 39 Inland Ranges Remediation and OU2 Landfills, Area E Construction, Former Fort Ord, California, Revision 0**

*Issued: 10/28/09*

***Index Numbers:***

**AR RI-044**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This Remedial Design (RD)/Remedial Action Work Plan (RAWP) presents details regarding the remediation at Site 39 Inland Ranges and the vertical expansion at Area E, Operable Unit 2 (OU2) Landfills at the former Fort Ord, Monterey County, California. It describes the general methods and procedures for the remedial action at Site 39 Inland Ranges and the final design of the vertical expansion at Area E.

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**REPORT: Final Site-Specific Work Plan Munitions and Explosives of Concern Remedial Action, MRS-BLM Units 14 and 19, Former Fort Ord, California, Revision 0**

*Issued: 10/14/2009*

***Index Numbers:***

**AR OE-0688G**

Online at: <http://www.fortordcleanup.com/adminrec/arsearch.asp>

**SUMMARY:**

This Site-Specific Work Plan (SSWP) outlines the site specific procedures for a Munitions and Explosives of Concern (MEC) Remedial Action at Munitions Response Site (MRS)-Bureau of Land Management (BLM) Units 14 and 19 (referred to as "Units 14 and 19") located in the Impact Area Munitions Response Area (MRA) at the former Fort Ord, California.

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# What Happens Next: 2010

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## Fort Ord Cleanup a look ahead

### January

#### January 13

Community Involvement Workshop, 6:30 p.m. Meeting Begins  
Location: Holiday Inn Express, 198 Seaside Circle, Marina, CA

Topics:

- Groundwater Update
- Environmental Services Cooperative Agreement

#### January 14

Technical Review Committee, 10:00 a.m. – 12:00 p.m.  
Location: BRAC Office, Building 4463, Ord Military Community

- Groundwater Update
- Environmental Services Cooperative Agreement

### February

#### February 20

Fort Ord Cleanup Bus Tour / Open House.  
Location: Building 4522, Joe Lloyd Way, Former Fort Ord  
Tour 1 Departs at 10:00 am  
Tour 2 Departs at 11:45

### March

Small Community Group Meetings and Tours

### April

#### April 14

Community Involvement Workshop, 6:30 p.m. Meeting Begins  
Location: Holiday Inn Express, 198 Seaside Circle, Marina, CA

Topics:

- Military Munitions Site Security Update (Includes Prescribed Burn Update)
- Munitions Response Remaining Sites Work Plan
- Environmental Services Cooperative Agreement

#### April 15

Technical Review Committee, 10:00 a.m. – 12:00 p.m.  
Location: BRAC Office, Building 4463, Ord Military Community

- Military Munitions Site Security Update (Includes Prescribed Burn Update)
- Munitions Response Remaining Sites Work Plan
- Environmental Services Cooperative Agreement

#### April 22

Earth Day Information Booth - California State University Monterey Bay

### May

#### May 8-9

Tentative: Information Booth at Marina Festival of the Winds  
Glorya Jean Tate Park, Marina, CA

### June

#### June 26

Fort Ord Cleanup Bus Tour / Open House.  
Location: Building 4522, Joe Lloyd Way, Former Fort Ord  
Tour 1 Departs at 10:00 am  
Tour 2 Departs at 11:45

# J u l y

## July 1 Burn Season Begins

### July 14

Community Involvement Workshop, 6:30 p.m. Meeting Begins

Location: Marina Library 190 Seaside Circle, Marina CA

Topics:

- Military Munitions Program Update
- Landfill Update
- Environmental Services Cooperative Agreement

### July 15

Technical Review Committee, 10:00 a.m. – 12:00 p.m.

Location: BRAC Office, Building 4463, Ord Military Community

Topics:

- Military Munitions Program Update
- Landfill Update
- Environmental Services Cooperative Agreement

# A u g u s t

Cleanup Information Booth at the Monterey County Fair

# S e p t e m b e r

Date to be confirmed

California State University Monterey Bay (CSUMB) Welcome Fair Info Booth, 12:00 p.m. – 2:00 p.m.

Location: CSUMB Main Quad

Date to be confirmed

Bureau of Land Management Fort Ord, Public Lands Day

Location: Backcountry of Fort Ord

# O c t o b e r

### October 13

Community Involvement Workshop, 6:30 p.m. Meeting Begins

Location: Marina Library 190 Seaside Circle, Marina CA

Topics:

- Military Munitions Program Update
- Environmental Services Cooperative Agreement

### October 14

Technical Review Committee, 10:00 a.m. – 12:00 p.m.

Location: BRAC Office, Building 4463, Ord Military Community

Topics:

- Military Munitions Program Update
- Environmental Services Cooperative Agreement

# N o v e m b e r

Small Community Group Meetings and Tours

# D e c e m b e r

No meetings scheduled

**December 31 Burn Season Ends**

Visit our website, [www.fortordcleanup.com](http://www.fortordcleanup.com), or call Melissa Broadston at (831) 393-1284 for up to date information on meeting times and locations.