

SUBJECT: MR – BCT Meeting
October 13, 2004 1:00 p.m.
 BRAC Conference Room

Check ()	Name	Organization	Phone	E-mail address
<i>YJ</i>	Gail Youngblood	Fort Ord BRAC	831-242-7918	Gail.youngblood@monterey.army.mil
	Roman Racca	DTSC	916-255-6407	Rracca@dtsc.ca.gov
	Stewart Black	DTSC	916-255-3665	sblack@dtsc.ca.gov
<i>on phone</i>	John Chesnutt	U.S. EPA	415-972-3005	Chesnutt.john@epa.gov
	Claire Trombadore	U.S. EPA	415-972-3518	Trombadore.Claire@epa.gov
	Martin Hausladen	U.S. EPA	415-972-3007	Hausladen.martin@epamail.epa.gov
<i>DE</i>	David Eisen	COE	831-393-9692	David.Eisen@usace.army.mil
<i>BLW</i>	Bruce Wilcer	Harding ESE	415-884-3168	blwilcer@mactec.com
<i>ERudek for</i>	Gary Griffith	Parsons ES	831-884-2309	gary.griffith@parsons.com
<i>UN</i>	Chieko Nguyen	Fort Ord BRAC	831-899-7372	Chieko.nguyen@monterey.army.mil
<i>JK</i>	Juan Koponen	COE	831-884-9925 ext. 233	Juan.Koponen@usace.army.mil
<i>KES</i>	Kris Escarda	DTSC	916-255-3651	kescarda@dtsc.ca.gov

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Check ()	Name	Organization	Phone	E-mail address
✓	Grant Himebaugh	RWACB	805-542-4636	ghimebau@rb3.swrcb.ca.gov
✓	DEREK LIEBERMAN	US ARMY BRAC	831-242-4873	DEREK.LIEBERMAN@MONTEPEY.ARMY.MIL
✓	Cynthia Mitchener	USACE	(831) 884-9925 x 234	Cynthia.b.mitchener@usace.army.mil
✓	George Siller	USACE	916-557-7418	george.l.siller@usace.army.mil
	Craig Murray	Parsons	(831) 884-2318	craig.murray@parsons.com
	LYLE SHURTLEFF	BRAC	831 242-7919	LYLE.SHURTLEFF@MONTEPEY.Army.MIL
	Dan Ward	DTSC	916 255-3676	DWard@DTSC.CA.GOV

MR BCT Meeting
BRAC Conf. Room

October 13, 2004
1:00 p.m.

Item	Action	Comment
Action Items	Update	
Track 1 Record of Decision	Schedule Update	
Field Work Update	Update/Presentation	R43-48 SCA update, EG Areas 2&4 presentation
Field Work Variances	Update	
Site Security Program	Update	
Track 0 Plug-in Approval Memorandums	Update	
Track 2 Plug-in Process	Discussion	

MR BCT Meeting Handout
(Summary of action items from August 26, 2004 meeting)

Action Item Description

Responsible Party

Due Date

Comments

Site Security/Incident Reports/Detonations

	No action items			
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Field Work/Removal Action Updates/FWVs

*	Fieldwork Variance 43-48-0002	Parsons/USACE	Not indicated	Review again re: QC/QA impact
*	Brainstorming session for Special Case Areas solution/approach	Army		
*	Fieldwork variance distribution	Army/Parsons		Add Tom Hall to distribution list.

FFA Schedules and MR RI/FS

C	Update Document Deliverables Schedule to include Post-Remediation Ecological Risk Assessment Site 3 report	Army		
R	Send Claire Trombadore new proposed definition of Track 2	Army		Send to Martin Hausladen and Bill Mabey in Claire's absence.
	Feedback on Track 2 Plug-in process	USEPA and DTSC	By next BCT mtg.	
R	Risk Assessment Response to Comments	DTSC	today	Roman to provide Army with feedback
	Proposed inclusion of MRS-13B in Track 2 process	DTSC	By next week	Discuss with Tony Landis and provide feedback to Army

* indicates new action item

“R” indicates revised action item

“C” and gray cells indicate completed items to be withdrawn from list next month

MR BCT Meeting Handout
(Summary of action items from August 26, 2004 meeting)

<u>Action Item Description</u>	<u>Responsible Party</u>	<u>Due Date</u>	<u>Comments</u>
Ongoing Actions/Other			
Quarterly Security Program Update	Army	Quarterly	Lyle Update OE Security db on web
Document Deliverables Schedule (complete list) and list of issued reports requiring review to Agencies	Army	Monthly	Electronic copy to agencies one week prior to BCT meetings.
Document submission to agencies to be sent with cover letter explaining purpose of document and review period. Document distribution.	Army and contractors		
Removal Action Update and weekly meeting minutes to agencies via email	Army	Ongoing-weekly	Electronic copies to agencies
Review and approve previous meeting minutes	EPA DTSC	@ meetings	
R	DTSC		DTSC legal dept. reviewing language
*	DTSC/Army		Army checking with attorneys; DTSC checking internally

* indicates new action item

“R” indicates revised action item

“C” and gray cells indicate completed items to be withdrawn from list next month

Fort Ord Military Munitions Response Program

BCT Update
13 October 2004

As of 13 October 04

MMRP Fieldwork

MRS Ranges 43-48 (390 Acres)

Start work date: 24 Oct 03 Estimated date complete: 11 May 05

ACTION: MMRP removal to depth

Prescribed burn – complete

Surface Safety Sweep - complete

Target Removal - complete

Vegetation removal (cutting/survey) (complete)

Sub-surface removal on-going (390 Acres) (**53 percent complete**)

Sifting of development Range 45 (10 Acres) – scheduled (Oct 04 – May 05)

Geophysical Survey (**17 percent complete**)

QC/QA (**3 percent / 1 percent**)

ISSUES AND CONCERNS:

1. Production Impacts for Habitat Protection

- a) Vegetation growth is beginning to reduce efficiency of sub-surface work. Growth will eventually constrain ability to complete a removal in protected habitat areas
- b) **Cumulative subsurface removal production level is approximately 20 percent below initial estimates. Projected schedule indicates completion of all work on approximately 275 acre of original 390 acre target.**

10/13/2004

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MMRP Fieldwork continued

As of 13 October 04

Chronological by priority

Acreage is estimated

2. Special Case Areas (SCA) (defined in SSWPs)

- a) Anticipate 25 percent of the acreage will be designated SCAs (high density anomalies, hardstand (Asphalt)/interference (power lines/fences).
- b) The methodologies for remediation of SCAs in protected habitat and large size munitions areas is being assessed.

3. Other

ROD process to recycle small arms munitions on hold pending AEC requirement to conduct on-site flashing.

Phase III Impact Area Fuel Breaks (82 acres)

Start Date: 21 Jul 03

Estimated date complete: TBD

ACTION: Removal to depth

Work suspended due to restrictions resulting from listing of California Tiger Salamander (CTS) habitat as threatened.

Issues and Concerns:

Possible adjustment to fuel break widths and variety may result from lessons learned from MRS Ranges 43-48 vegetation burn

MMRP Fieldwork continued

As of 13 October 04

Chronological by priority

Acreage is estimated

Phase I South Boundary Fuel Break (31 acres)

Start Date: 12 Jul 04

Completed: 3 Sep 04

ACTION: Cut vegetation and remove trees 55 feet south from southern shoulder of South Boundary Road (SBR) and along north shoulder of SBR to existing fuel break to establish fuel break from York School to Laguna Seca (Wolf Hill) to support vegetation burn of MRS 16.

Phase II South Boundary Fuel Break (33 acres)

Start Date: TBD

ACTION: Cut vegetation and conduct munitions reconnaissance north of SBR to establish Minimum Safe Distance (MSD) for POM fire department support vegetation burn of MRS 16.

Issues and Concerns:

- 1. Action must be coordinated with USF&W concerning cutting of Chaparral habitat and concurrently with primary fuel break cutting requirement for Site 16 (pending contractor approval).**

10/13/2004

MMRP Fieldwork continued

As of 13 October 04

Chronological by priority

Acreage is estimated

Subsurface Geophysical Survey – Watkins Gate Burn Area

Start Date: 3 Sep 04

Estimated Completion Date: December 2004

ACTION: Opportunity to survey subsurface concentrations of anomalies in approximately 900 acre area unintentionally burned in October 2003 to provide data in further characterizing the Impact Area.

Issues and Concerns:

As of 13 October 04

MMRP Field Work Complete

Site

Acres

2004 Fuel Break Maintenance (195 acres)

Start Date: 2 Jun 04

ACTION: Cut vegetation on established fuel breaks (Completed 21 Aug 04)

10/13/2004

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As of 13 October 04

MMRP Fieldwork Update
Unexploded Ordnance (UXO)/Munitions Debris (MD)/
Range Related Debris (RRD)
Summary

<u>Description</u>	<u>UXO/DMM/TBD</u> <u>(Items)</u>	<u>MD</u> <u>(lbs.)</u>	<u>RRD</u> <u>(lbs.)</u>
MR Site MOCO.2	551 (UXO/DMM)	1,545	12,471
MR Site SEA 1-4	540 (UXO/DMM)	10,154	90,169
MR Site Ranges 43-48	8,804	165,430	143,173
Target Debris			1,375,870

10/13/2004

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As of 13 October 04

MMRP Site Security Program

Trespass and MEC Incidents

- No trespass reported this period
- **MEC incident expended simulator, projectile, air burst, M74A1 found by BLM staff on trail 12 (Eucalyptus Burn Area (BLM)) during weed work**
 - **Disposed as scrap**

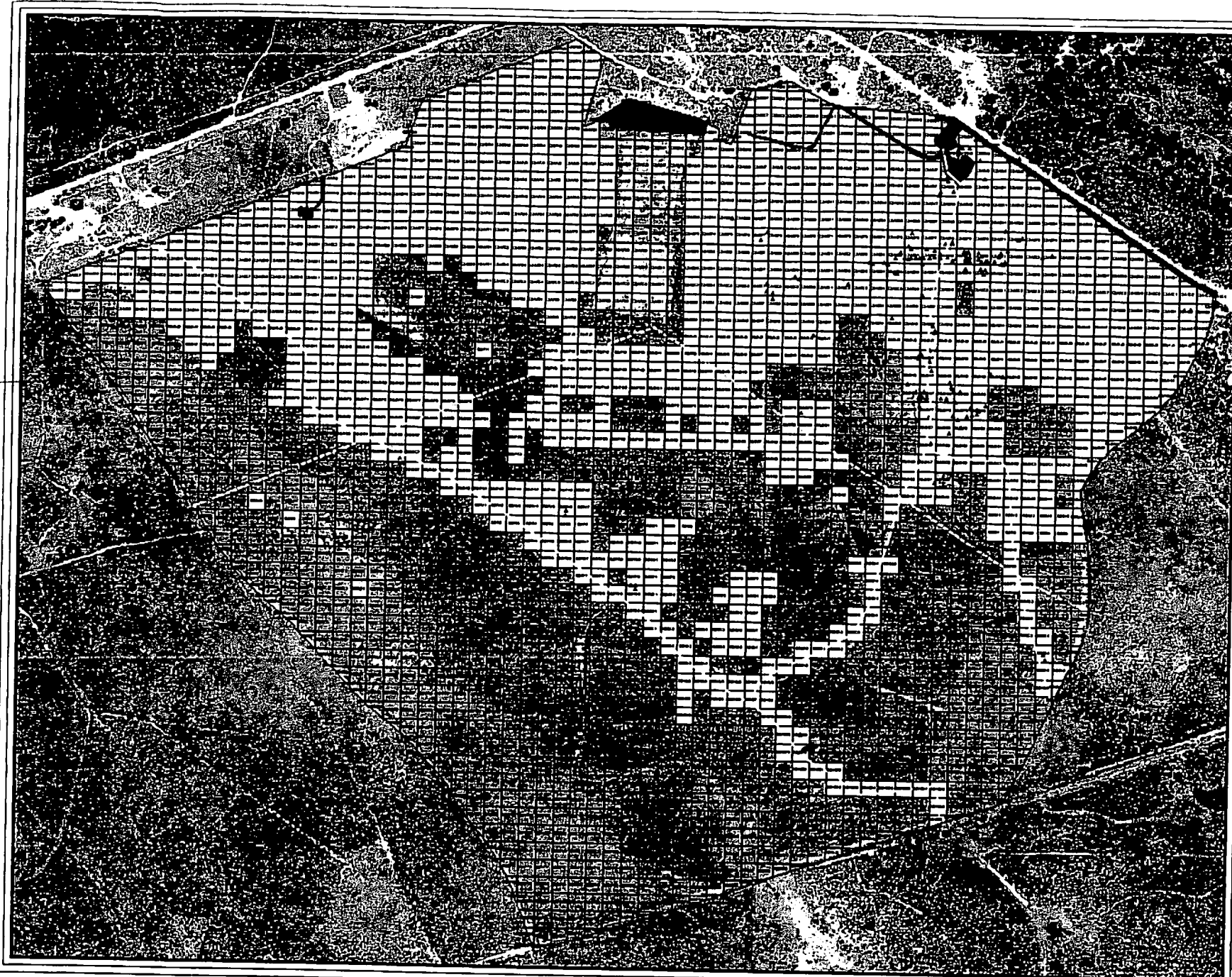
Community Education

- MEC Safety presentations this period:
 - **Marshall Elementary School (157 students and teachers)**

Other

10/13/2004

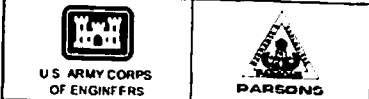
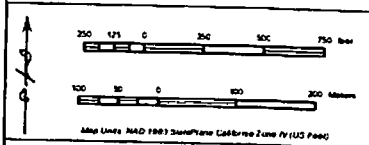
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**MRS-Ranges 43-48
Removal To Depth
Data as of 10/7/2004**

- ▲ Special Requests Pending
- Removal to Depth
- Removal Complete
- Identified SCAs
- Asphalt
- Potential SCAs

Suggested Roads and Trails
2000-ft from Eucalyptus Road



DRAWN BY DRJ	FORMER FORT ORD MONTEREY, CALIFORNIA	
CHECKED BY DRJ		
DESIGNED BY ARH	DATE PLOTTED Oct 12, 2004 at 11:21 AM	DRAWING CODE DA/AFS-60-D-GC-1
SUBMITTED BY GWG	PLOT METHOD 2003 D-11 Resolution Color	SCALE 1:8,500
PROJECT TITLE Fort Ord M&SP Database		

East Garrison Site Assessment Historical Data Review and Site Walk Approach

Presented by Craig Murray, Parsons

East Garrison Site Assessment Outline

- **Background**
- **Site Assessment Process Overview**
- **East Garrison Historical Data Review**
- **Site Walk Approach**

East Garrison Site Assessment Background

- **Formerly known as the Site Reconnaissance Plan**
- **Provides a consistent approach to gathering MM related data**
- **Applied to sites where MM may potentially be present, but not to known MRSs**
- **Results submitted to BCT**

East Garrison Site Assessment

Site Assessment Process

- 1. Pre-Field Data Evaluation**
- 2. Field Site Walk**
- 3. Reporting**

East Garrison Site Assessment Pre-Field Data Evaluation

- **Historical Air Photos**
- **Historical Training Maps**
- **MR Contractor Reports**
- **Incidental MM items found**

East Garrison Site Assessment

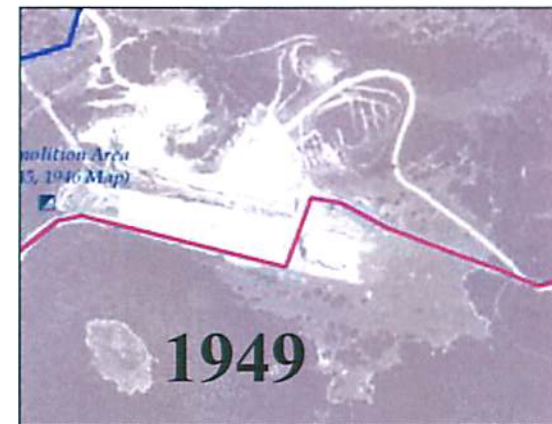
Pre-Field Data Evaluation

Historical Air Photos

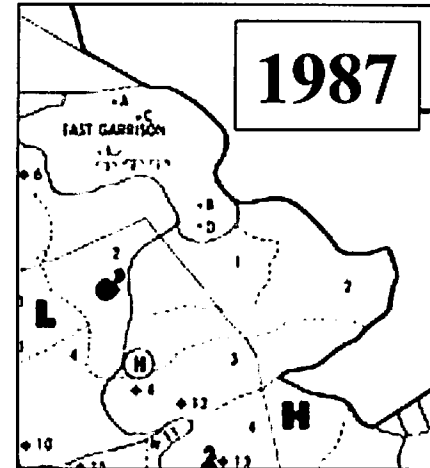
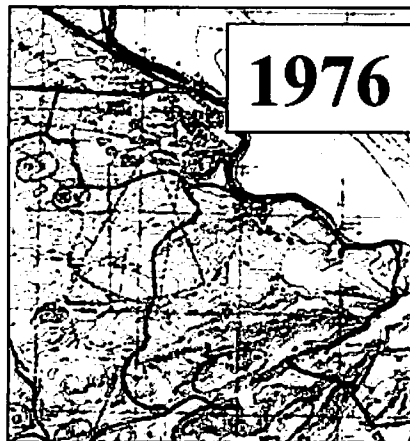
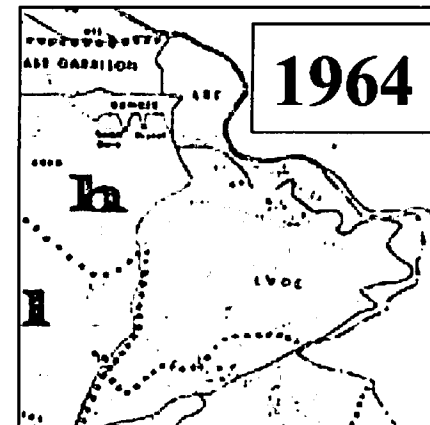
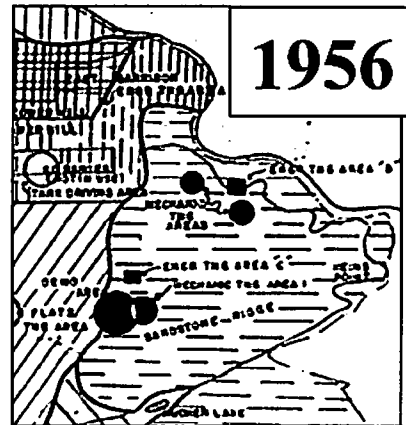
Pre-1941



1941



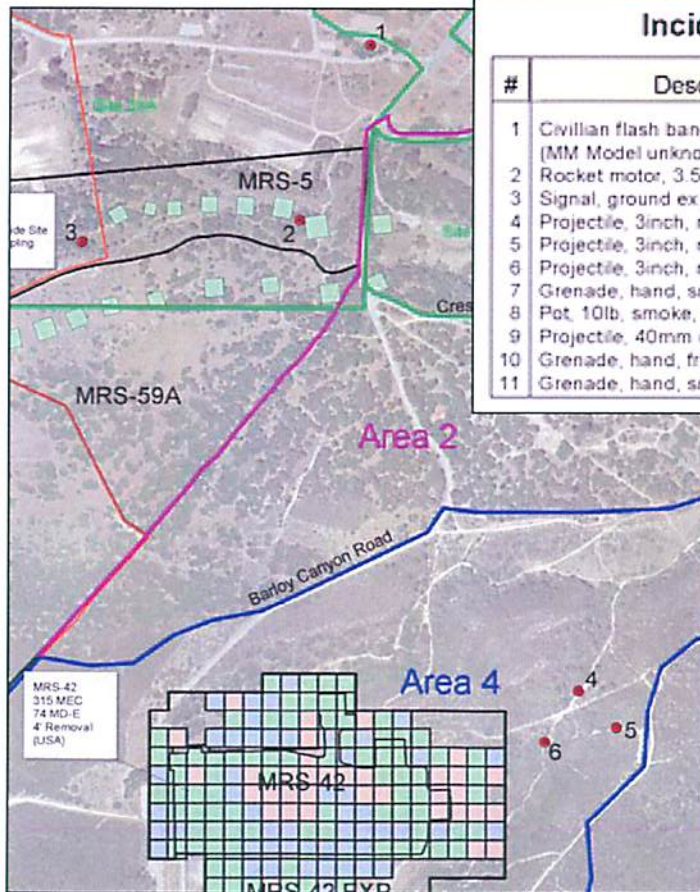
East Garrison Site Assessment Pre-Field Data Evaluation Historical Training Maps



East Garrison Site Assessment Pre-Field Data Evaluation MR Contractor Reports

- **Literature Review**
- **RI/FS Documents**
- **Archive Search Reports**
- **Engineering Evaluation/Cost Analysis**
- **MR After Action Reports**

East Garrison Site Assessment Pre-Field Data Evaluation Incidental MM Items Found



Incidental Items			
#	Description	Type	Qty
1	Civilian flash bang model 7290 (MM Model unknown)	MD-E	1
2	Rocket motor, 3.5inch	MD-E	1
3	Signal, ground expended	MD-E	1
4	Projectile, 3inch, mortar, practice, MK I	MD-E	1
5	Projectile, 3inch, mortar, practice, MK I	MD-E	1
6	Projectile, 3inch, mortar, practice, MK I	MD-E	1
7	Grenade, hand, smoke, M18 series	MD-E	1
8	Pot, 10lb, smoke, HC, screening, M1	MD-E	3
9	Projectile, 40mm (Model Unknown)	ISD	2
10	Grenade, hand, fragmentation, MK II	ISD	1
11	Grenade, hand, smoke, M18 series	MD-E	1

Contractor Form

ORDNANCE & EXPLOSIVES INCIDENT REPORTING FORM

If you discover any object that resembles ordnance and explosives, report immediately to US Army Corps of Engineers (USACE) and Presidio of Monterey Directorate of Environmental and Natural Resources Management.

A. PROVIDE THE FOLLOWING INFORMATION:

Name of Person Reporting: SAVON, KENNETH Telephone: _____
 Agency: USACE Fax: _____
 Date & Time of Incident Discovery: 17 JUL 2013 1000
 Description of Item Found (refer to the "Safety Alert pamphlet"): SEE LIST
 Location (direction from nearest road/building, attach map): SEE LIST
 Describe how the item was found: SEE LIST

CONTACT THE APPROPRIATE AGENCIES IMMEDIATELY:

Initial when completed	Action	Contact Number	Date & Time Called
	Monday - Thursday Fax this form to USACE OE Safety Specialist	Fax: (831) 884-9030 Phone: (831) 884-9925 ext.226/231 (Mon-Thu 0600 - 1600)	
	Friday - Sunday call 787 th EOD Company IMMEDIATELY (24 hours)	Phone: (650) 633-8301/02	
Note: If 787th EOD Company is notified, fax this form to POM DENR, Kevin Siemann, (831) 394-6816.			

B. To be completed by USACE when applicable (Mon - Thu)

Form Received By: SAVON, KENNETH Date & Time: 17 JUL 13
 Identification of Item Found: SEE LIST GPS Coordinate Location: 32.578331, -122.230507, 75
 Extent of Area Surveyed: _____
 Disposition of Item: SEE LIST Check box if picture is attached:
 Fax completed form to: SAVON, KENNETH Phone: (831) 394-6816 Date & Time: _____
 Kevin Siemann, POM DENR with 8 business hours Phone: (831) 242-7919 (Mon - Fri 0745 - 1645)

C. To be completed by POM DENR:

Completed Form Received By: _____ Date & Time: _____
 Regulatory Agencies Notified (Date): _____

Presidio of Monterey - Directorate of Environmental and Natural Resources Management - (831) 242-7919

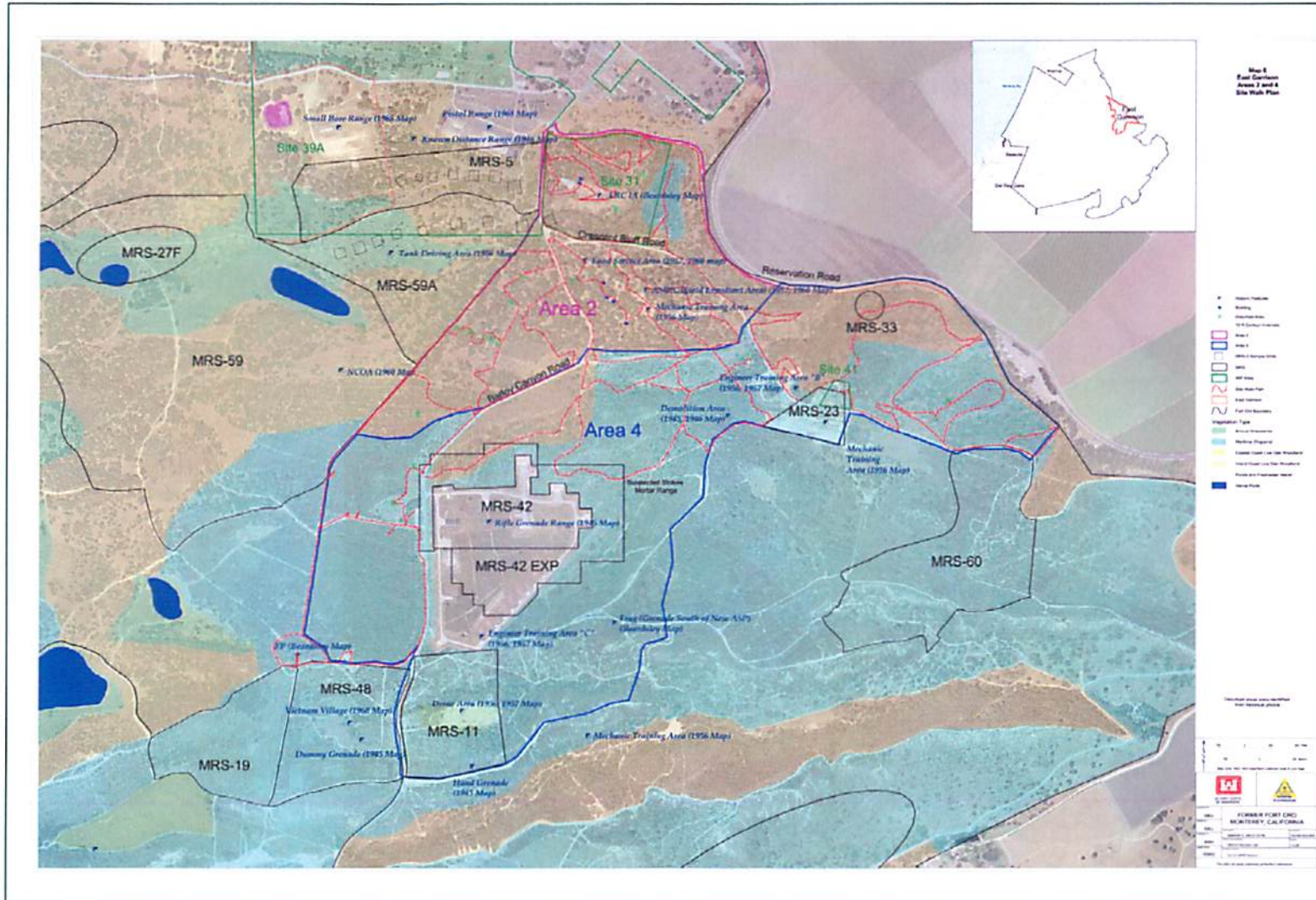
East Garrison Site Assessment

Field Site Walk

- **Boundary of Site Walk**
- **Site Walk Method (i. e. Random, Biased)**
- **Proposed Pathway**
- **Detection Tool**
- **Type of Features to Look for**
- **Site Walk Team Members**
- **Quality Control Measures**

East Garrison Site Assessment

Field Site Walk



East Garrison Site Assessment

Field Site Walk

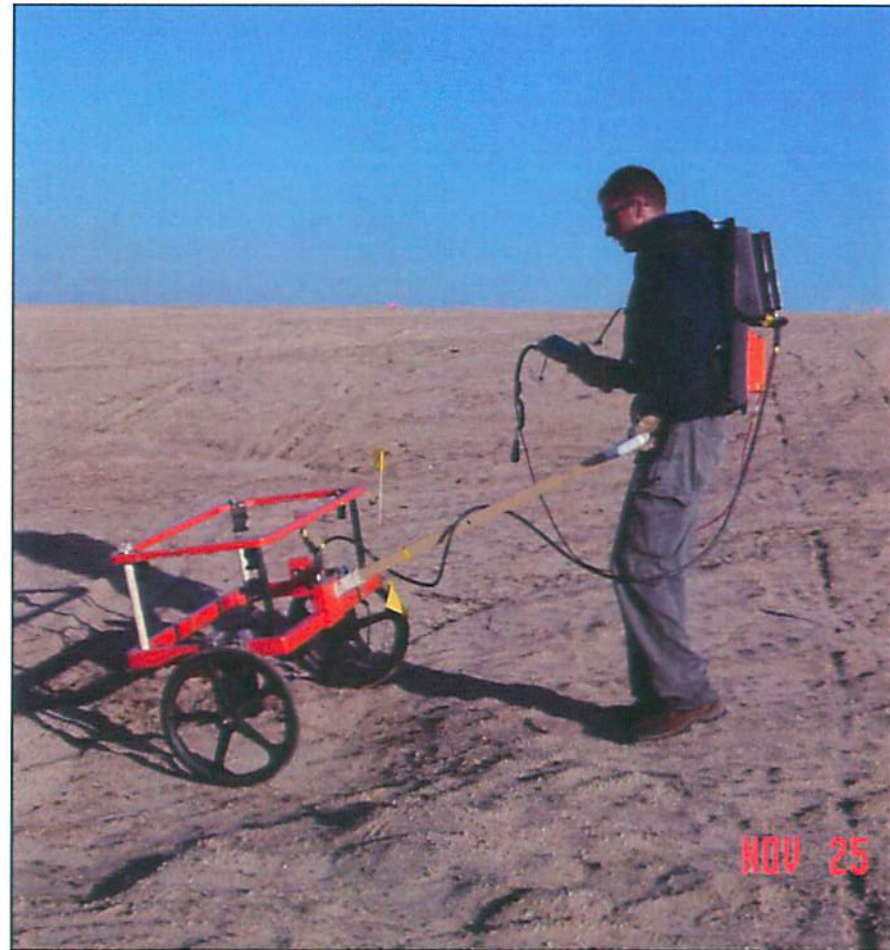
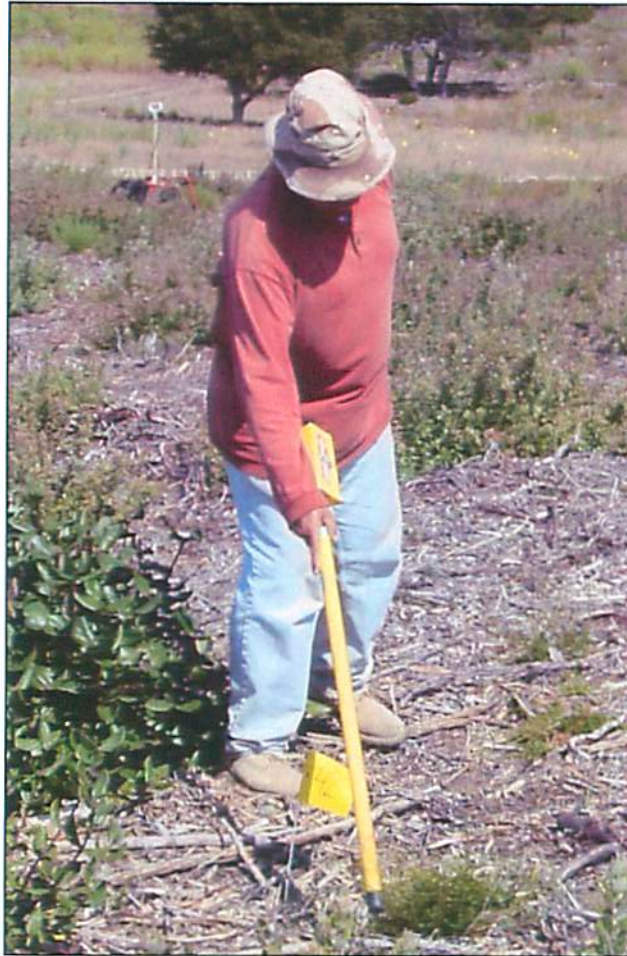
Site Walk Method

- **Random Search**
- **Biased Search**
- **Record visual observations**
- **Excavate at least 20% of detected anomalies**
- **Allow field team to select additional anomalies to excavate based on field observations.**

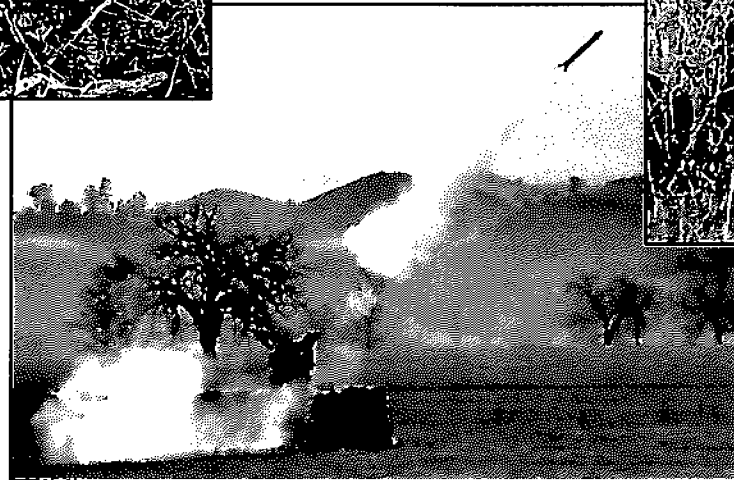
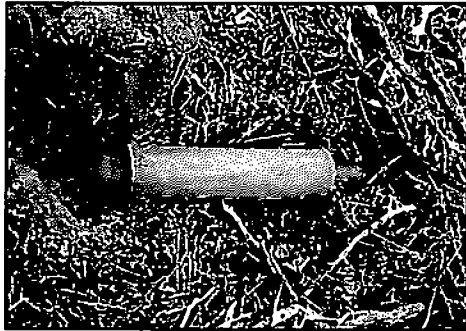
East Garrison Site Assessment

Field Site Walk

Detection Tool



East Garrison Site Assessment Field Site Walk Features to Look for



East Garrison Site Assessment Field Site Walk Team Members

- **UXO Tech 3**
- **UXO Tech 2**
- **EM61-Mk2 and GPS Operator**

East Garrison Site Assessment

Field Site Walk

Quality Control Measures

GPS



EM61-Mk2



Schonstedt



East Garrison Site Assessment Reporting

- **Pre-Field Technical Memorandum**
- **Site Report (may be separate for Area 2 and Area 4)**

Former Fort Ord Property Transfer Status

- FOST 6 (Track 0)
- FOST __ (Track 0 Plug-in)
- FOST __ (Track 1)
- FOSL 9 (First Tee)
- FOSL 12 (MOUT)
- FOSL __ (Monterey Horse Park)
- FOSL __ (Del Rey Oaks/Native Plant Society Habitat Area)
- FOSL __ (Marina Heights)
- FOSET 4 (Del Rey Oaks)

Title/Description	Parcels	Comments
<p>FOST 6 Track 0 Parcels 95 Parcels ~1,223 acres (Version 0/October 2001) (Version 0.1/January 2002) (Version 1/August 2002) (Version 1.1/March 2003) (Version 2.0/May 2003)</p> <p>10/13/2004</p>	<p><u>E11b.1</u>, <u>E11b.2</u>, <u>E11b.3</u>, <u>E11b.4</u>, E15.1, E2b.1.1.1, E2b.1.1.2, E2b.1.2, E2b.1.3, E2b.1.4, E2b.1.5, E2b.2.1, E2b.2.2, E2b.2.3, E2b.2.4, E2b.2.5, E2b.3.1.1, E2b.3.2, E2c.1, E2c.2, E2c.3.1, E2c.3.2, E2c.3.3, E2c.4.1.1, E2c.4.2.1, E2d.1, E2d.2, E2e.1, E2e.2, E4.5, E8a.1.2, E8a.1.3, E8a.1.4, E8a.1.5, F2.7.2, <u>F7.2</u>, L1.1, L12.2.2, L12.2.3, L12.3, <u>L15.1</u>, L19.2, L19.3, L19.4, L2.2.1, L20.9, <u>L20.10.1.1</u>, <u>L20.10.1.2</u>, <u>L20.10.2</u>, L20.10.3, <u>L20.14.1.2</u>, L20.16.1, L20.16.2, L20.16.3, L20.17.1, <u>L20.19.2</u>, <u>L20.20</u>, <u>L20.21.1</u>, <u>L20.21.2</u>, <u>L20.22</u>, L23.1.1, L23.1.2, L23.1.3, L23.1.4, L23.1.5, <u>L23.3.1</u>, <u>L23.3.2.1</u>, L23.4, L23.6, L32.2.1, L32.2.2, L32.3, L32.4.1.1, L32.4.2, L33.1, L33.2, L35.1, L35.2, L35.3, L35.6, L35.7, L35.8, L36, L5.8.1, L5.8.2, L7.8, L7.9, S1.3.3, S1.5.1.2, <u>S2.1.4.2</u>, S4.1.2.1, S4.1.2.2, S4.1.3, S4.1.4, S4.1.5</p> <p><u>Parcels not yet transferred.</u></p>	<p>Signed May 27, 2003. Public Notice published and deeds in the process of being recorded.</p> <p>CRUP 1 (groundwater) for 17 parcels (127 acres); recorded 9/17/03.</p> <p>CRUP 2 (groundwater) for 38 parcels (489 acres); recorded 9/22/03.</p> <p>CRUP 3 (residential) for parcel F2.7.2 (2.17 acres); recorded 3/22/04.</p> <p>CRUP 4 (groundwater) for 37 parcels (562 acres); recorded 9/28/04. This CRUP includes East Garrison parcels (deeds signed but not recorded for 15 parcels (261 acres)).</p> <p>Issue with salamander.</p> <p>77 parcels transferred by deed as of 9/1/04 (956 acres).</p> <p>2</p>

FOST 6 (Track 0) – Parcel L23.3.1 (East Garrison Trap and Skeet Range)

GOAL: TRANSFER BY END OF FISCAL YEAR (30 SEPTEMBER 2004)

WORK COMPLETED

JUNE:

- Developer removed buildings.
- Army collected lead shot.
- Army excavated clay target debris and collected excavation area confirmation samples.

JULY – AUGUST:

- Excavation completed. Estimated total of 9,300 cy excavated.
- Sampled for stockpile characterization.

SEPTEMBER:

- Received validated analytical results and preparation of draft letter report.
- Army signature on CRUP 4.
- Deeds signed.

WORK REMAINING

OCTOBER:

- Internal review of letter report.
- Complete letter report and submit to DTSC.

OCTOBER – ?:

- Disposal of stockpile material.
 - Confirmed: 5,000 cy to FORA for use as road base.
 - In negotiation: unspecified volume to East Garrison Partners for use as road base.
 - In negotiation: remainder to Granite Construction Company for use as road base.
- Recording of deeds and transfer of parcels.

Title/Description	Parcels	Comments
<p>Proposed FOST Track 0 Plug-in Parcels 37 Parcels ~ 579 acres (V0/November 2004)</p>	<p>E11a.1, E18.2.1, E18.2.2, E18.3, E20c.1.2, E20c.2.2, E29b.3, E29e, E2d.3.1, E4.3.1.2, E4.3.2.2, E4.7.1, E4.7.2, E8a.1.1, E8a.2, L20.13.1, L20.13.2, L20.13.3, L20.13.4, L20.13.5, L20.7.1, L20.7.2, L20.7.3, L20.7.4, L20.7.5, L23.3.2.2, L3.1, L35.4, L35.5, S2.1.2, S3.2.1, S3.2.2, S4.2.1, S4.2.2, S4.2.3, S4.2.4, S4.3</p>	<p>Not drafted yet. Includes parcels with no evidence of military munitions use. ROD complete. Approval Memorandums in progress.</p> <p>Portions of parcels E5a and L5.10 not overlying carbon tet plume may be added.</p> <p>Portions of parcels E11b.6, E11b.7 and L23.3.3 within East Garrison Area 2 may be added.</p>
<p>Proposed FOST Track 1 Parcels 28 Parcels ~1,978 acres (V0/January 2005)</p> <p>10/13/2004</p>	<p>E2a, E4.1.2.1, E4.1.2.2, E4.1.2.3, E4.3.2.1, E4.6.1, E4.6.2, E11a, E11b.6, E15.2, E20c.2.1, L5.6.1, L5.6.2, L9.1.1.2, L9.1.2.2, L20.6, L20.14.1.1, L20.14.2, L20.15, L20.19.1, L23.3.3, L23.5, L31, S3.1.1, S3.1.2, S3.1.3, S3.1.4, S4.1.1</p>	<p>Not drafted yet. Includes parcels where military munitions were suspected to have been used, but none were found. ROD in January 2005.</p> <p>4</p>

Title/Description	Parcel	Comments
<p>FOSL 12 Military Operations on Urban Terrain (MOUT) Site 1 Parcel ~ 54 acres (V0/July 2004)</p> <p>10/13/2004</p>	<p>F1.7.2</p>	<p>Draft FOSL in preparation.</p> <p>Received letter request from Monterey Peninsula College (MPC) for lease.</p> <p>Some wooden structures that burned in the Eucalyptus Fire may have had ACM and lead-based paint – Army will sample soil.</p> <p>Further action pending biological opinion for tiger salamander and asbestos and lead sampling results.</p> <p>5</p>

Title/Description	Parcels	Comments
FOSL __ Monterey Horse Park 3 Parcels ~ 340 acres	Portion of E19a.1, E19a.2 (habitat area) and E19a.3	Not started. No official request for property yet.
FOSL __ Marina Heights Development 4 Parcels ~ 78 acres	Portions of E4.3.1.2, E5a, L5.6.1 and L5.6.2 (OU 2 Landfill Area A)	Not started. May be preceded by ROE for making roadway and utility improvements.

Title/Description	Parcels	Comments
<p>FOSET 4 Del Rey Oaks 6 Parcels ~ 324 acres (V.0/Oct 24, 2000) (V.0.1/Jan 2001) (V.0.2/Apr 2001) (V.0.3/Sept 2001) (V.0.4/Nov 2001) (V.0.6/Apr 2003) (V1.0/June 2003) (V1.3/Apr 2004)</p>	<p>E29a, E29b.1, E31a, E31b, E31c, E36</p>	<p>FOSET signed 7/28/04. USEPA approval in letter dated 8/19/04. FOSET package is at the Governor's office for review and concurrence.</p>
<p>FOSL __ Del Rey Oaks/Native Plant Society Habitat Reserve Area 1 Parcel ~ 5 acres</p> <p>10/13/2004</p>	<p>E29a.1</p>	<p>Not started. No official request for property yet.</p> <p>7</p>

Track 0 and Track 1 Schedules

MF BU
13Oct04

Track 1 Record of Decision (ROD)

Document or Activity	Due Date or End Date	Duration	Predecessor
Preliminary Draft ROD	Wednesday, September 15, 2004	Not Applicable	Not Applicable
Proposed Plan Meeting	Wednesday, September 29, 2004	Not Applicable	Not Applicable
Draft ROD	Friday, October 29, 2004	Not Applicable	Not Applicable
Public Review and Comment (Proposed Plan)	Monday, November 15, 2004	Not Applicable	Not Applicable
Responsiveness Summary (Proposed Plan)	Monday, November 29, 2004	14 days	Public Review and Comment
Agency Review and Comment (ROD)	Monday, December 13, 2004	14 days	Responsiveness Summary
On-Board Review	Monday, December 20, 2004	7 days	Agency Review and Comment
Draft Final ROD	Not Applicable	Not Applicable	Not Applicable
Agency Review and Comment	Not Applicable	Not Applicable	Not Applicable
Final ROD	Monday, January 03, 2005	14 days	On-Board Review
Signature Process	Wednesday, February 02, 2005	30 days	Final ROD

Track 0 Plug-in Approval Memorandum (AM) for Track 1 parcels (Use same schedule for the Track 0 AM for "B" parcels)

Document or Activity	Due Date or End Date	Duration	Predecessor
Preliminary Draft AM	Friday, October 29, 2004	Not Applicable	Not Applicable
Internal Review and Comment	Friday, November 05, 2004	7 days	Preliminary Draft AM
Draft AM	Friday, November 19, 2004	14 days	Internal Review and Comment
Agency Review and Comment	Monday, December 20, 2004	31 days	Draft AM
On-Board Review	Tuesday, January 04, 2005	15 days	Agency Review and Comment
Draft Final AM	Not Applicable	Not Applicable	Not Applicable
Agency Review and Comment	Not Applicable	Not Applicable	Not Applicable
Final AM	Tuesday, January 18, 2005	14 days	On-Board Review
Public Review and Comment	Thursday, February 17, 2005	30 days	Final AM

Track 1 Finding of Suitability to Transfer (FOST)

Document or Activity	Due Date or End Date	Duration	Predecessor
Preliminary Draft Track 1 FOST	Friday, November 19, 2004		Same date as Draft AM
Internal Review and Comment	Friday, December 03, 2004	14 days	Preliminary Draft Track 1 FOST
Draft Track 1 FOST	Friday, December 17, 2004	14 days	Internal Review and Comment
Agency Review and Comment	Monday, January 17, 2005	31 days	Draft Track 1 FOST
Draft Final Track 1 FOST	Wednesday, February 02, 2005	16 days	Agency Review and Comment
Public Review and Comment	Friday, March 04, 2005	30 days	Final ROD signed
Finalize Track 1 FOST	Friday, March 18, 2005	14 days	Public Review and Comment
Signature Process	Friday, April 01, 2005	14 days	Finalize Track 1 FOST

Track 0 FOST

Document or Activity	Due Date or End Date	Duration	Predecessor
Preliminary Draft Track 0 FOST	Wednesday, October 20, 2004	Not Applicable	Not Applicable
Internal Review and Comment	Wednesday, November 03, 2004	14 days	Preliminary Draft Track 0 FOST
Draft Track 0 FOST	Wednesday, November 17, 2004	14 days	Internal Review and Comment
Agency Review and Comment	Friday, December 17, 2004	30 days	Draft Track 0 FOST
Draft Final Track 0 FOST	Monday, January 03, 2005	17 days	Agency Review and Comment
Public Review and Comment	Wednesday, February 02, 2005	30 days	Draft Final Track 0 FOST
Finalize Track 0 FOST	Wednesday, February 16, 2005	14 days	Public Review and Comment
Signature Process	Wednesday, March 02, 2005	14 days	Finalize Track 0 FOST

Phase 1 Track 0 Plug-In Parcels (Plug In B)

COE Number	Parcel Name	Acreage	Recipient	Group	Comment
E11a.1	Habitat Management	7.339	FORA	TBD	added ⁽¹⁾
E18.2.1	ROW / Gigling Road	4.131	FORA	1	
E18.2.2	ROW / Gigling Road	0.07	FORA	1	
E18.3	ROW / Normandy - Parker Flats	6.226	FORA	1	
E20c.1.2	Cable TV area	0.27	FORA	2	
E20c.2.2	Water Tanks / pumps	2.296	FORA	2	
E29b.3	Business Park / Light Industrial / Office Park / R	28.363	FORA	3	
E29e	ROW / future Hwy 68 / Office Park / Research & Dev	9.446	FORA	3	
E2d.3.1	Development / Mixed Use	25.14	FORA	4	
E4.3.1.2	Abrams Housing	1.224	FORA	5	
E4.3.2.2	Lexington Court Housing	7.961	FORA	5	
E4.7.1	ROW / Imjin Road - northeast	5.399	FORA	6	
E4.7.2	ROW / Imjin Road	3.561	FORA	6	
E8a.1.1	Landfill	228.3	FORA	TBD	added ⁽¹⁾
E8a.2	Landfill carrot	3.8	FORA	7	
L20.13.1	ROW / North South Road	4.118	FORA	3	
L20.13.2	ROW / South Boundary Road	0.982	FORA	3	
L20.13.3	ROW / South Boundary Road / North South Road	7.901	FORA	3	
L20.13.4	ROW / South Boundary Road / future Hwy 68	1.625	FORA	3	
L20.13.5	ROW / South Boundary Road / York Road	6.706	FORA	3	
L20.7.1	South Boundary Road - east	3.318	Monterey County	8	
L20.7.2	South Boundary Road - east	7.179	Monterey County	8	
L20.7.3	South Boundary Road - east	0.71	Monterey County	8	
L20.7.4	South Boundary Road - east	1.228	Monterey County	8	
L20.7.5	South Boundary Road - east	4.306	Monterey County	8	
L23.3.2.2	Development / mixed use-ac limit	63.689	FORA	TBD	added ⁽¹⁾
L3.1	York School cross country track	5.395	York School	8	
L35.4	Travel Camp Tank	0.115	Marina Coast Water District	10	
L35.5	Water Tank F	0.917	Marina Coast Water District	10	
S2.1.2	OU-1	46.319	UCMBEST	11	
S3.2.1	Park Visitor Center	11.279	Cal Department Parks & Recreation	12	
S3.2.2	Park Visitor Center	0.093	Cal Department Parks & Recreation	12	
S4.2.1	ROW / future Hwy 68	37.259	Caltrans	8	
S4.2.2	ROW / North of Hwy 68	1.014	Caltrans	8	
S4.2.3	ROW / South of Hwy 68	14.011	Caltrans	8	
S4.2.4	ROW / South of Hwy 68	25.728	Caltrans	8	
S4.3	ROW / Hwy 68 at Corral de Tierra	1.345	Caltrans	9	
Total		578.763			
⁽¹⁾	As per teleconference with Fort Ord BRAC on 10/4/04				

2 Track 1 Plug In Parcels (Plug In C)

COE Number	Parcel Name	Acreage	Recipient	Group	Comment
E11a	Habitat Management	154.63	FORA	1	added ⁽¹⁾
E11b.6.1	Development / mixed use-ac limit	TBD	FORA	2	added ^(1,2) . E11b.6 was divided to create E11b.6.1 & E11b.6.2
E11b.6.2	Development / mixed use-ac limit	TBD	FORA	2	added ^(1,2) . Will be divided to create E11b.6.1
E15.2	Open space (near Main Gate)	28.743	FORA	3	added ⁽¹⁾
E20c.2.1	Housing future	25.361	FORA	4	
E2a	Development / mixed use	63.075	FORA	5	
E4.1.2.1	Patton Housing - lower	9.972	FORA	5	
E4.1.2.2	Patton Housing - lower	26.243	FORA	5	
E4.1.2.3	ROW / Booker Street / Patton - lower	0.994	FORA	5	
E4.3.2.1	Abrams Housing	46.21	FORA	6	
E4.6.1	ROW / middle Imjin Road	25.495	FORA	7	
E4.6.2	ROW / Imjin Road	16.869	FORA	7	
L20.14.1.1	ROW / Intergarrison Road	8.431	FORA	1	
L20.14.2	ROW / mid Intergarrison Road	3.227	FORA	1	
L20.15	Balloon Spur	20.048	FORA	8	
L20.19.1	ROW / Barloy Canyon Road	9.692	FORA	2	
L20.19.1.1	ROW / Barloy Canyon Road (north)	TBD	FORA	2	added ^(1,2)
L20.6	Laguna Seca Park	247.186	Monterey County	9	
L23.3.3	Development / mixed use-ac limit	89.215	FORA	2	added ^(1,2)
L23.5	BOQ (bachelor officers quarters)	29.625	MPC (Monterey Peninsula College)	10	added ⁽¹⁾
L31	Development / mixed use / Surplus II	11.651	FORA	4	
L5.6.1	Abrams Park	22.64	FORA	6	
L5.6.2	Marina Park offices	8.468	FORA	6	
L9.1.1.2	Patton Housing	2.241	Veterans Transition Center	1	
L9.1.2.2	Patton Housing	2.377	Veterans Transition Center	11	
S3.1.1	State Park - east side	476.785	Cal Department Parks & Recreation	8	
S3.1.2	State Park - west side	468.187	Cal Department Parks & Recreation	8	
S3.1.3	Balloon Track Area	21.902	Cal Department Parks & Recreation	8	
S3.1.4	Development Park area	12.586	Cal Department Parks & Recreation	8	
S4.1.1	ROW / Hwy 1	72.139	Caltrans	8	
Total		1903.99			

(1) As per teleconference with Fort Ord BRAC on 10/4/04

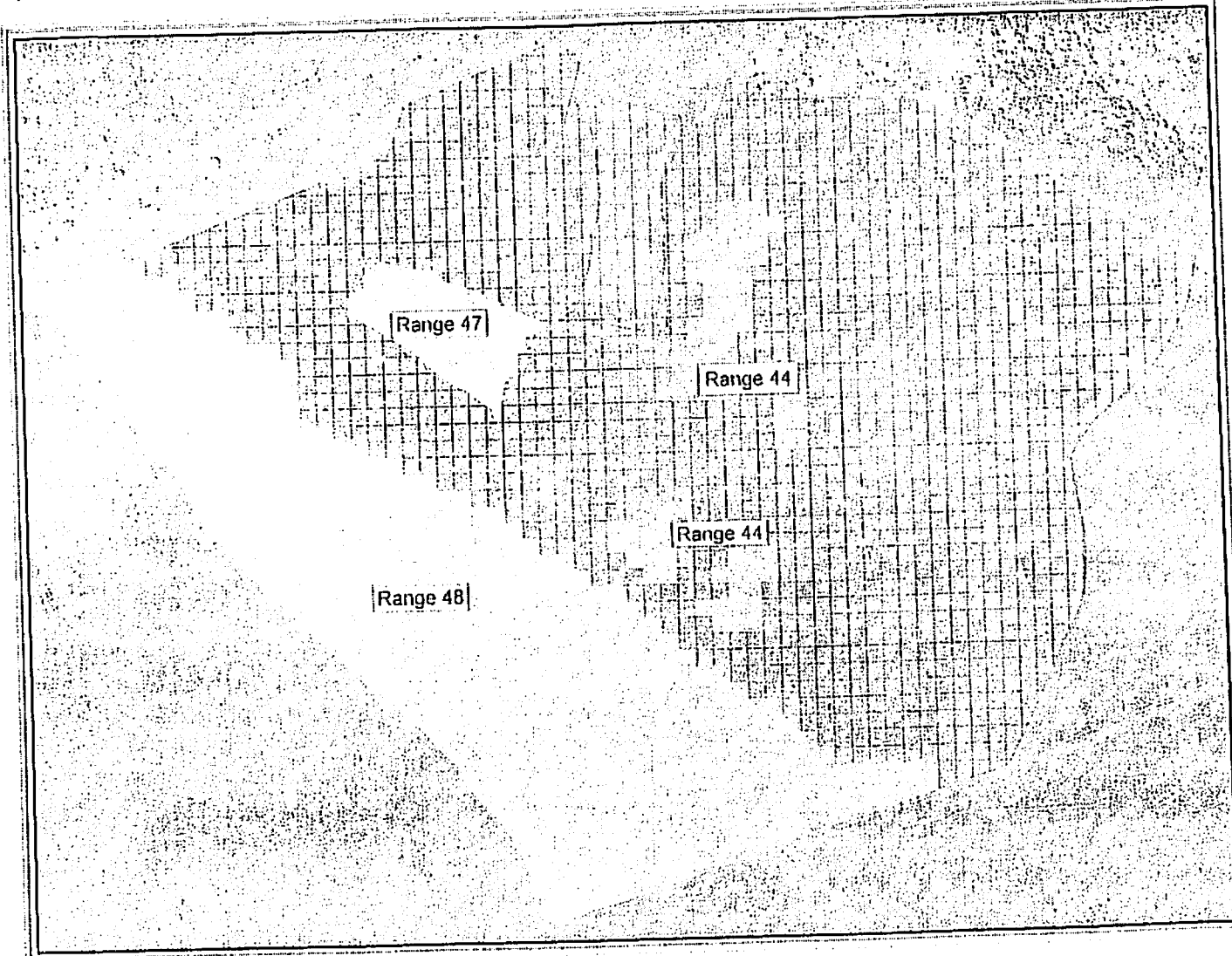
(2) Parcel requiring additional data (e.g., site walk); include in Phase 2 list, make Phase 3 if not complete in time

**Ranges 43-48
Special Case Areas**

Former Fort Ord

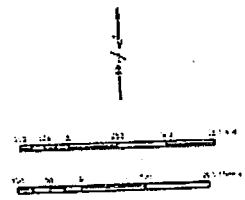
SCA Definition

- Those areas in which the removal technology or process cannot be utilized or completed as specified in the SSWP.
- This may be a result of metallic clutter, obstructions, sources of interference, or other specific site conditions.



**MRS-Ranges 43-48
Special Case Areas**

- Grids
Range 47 - 12.0
Range 44 - 19.5
Range 48 - 138.9



Why Range 44 is a SCA?

Range 44 (19.5 acres)

- The area contains high densities of ordnance items such as Projectile M136 (AT-4), HEAT rounds, Dragon M-47, Dragon M47 Practice, M72 (LAW) Rocket M66 Heat, M72 (LAW) Rocket M66 Incendiary, Law 35MM Sub-Caliber, 90MM Recoilless Rifle M37 HEAT, Projectile, 75MM and 40MM grenade HE.

Why Range 47 is a SCA?

Range 47 (12 acres)

- The area contains high densities of high explosive munitions such as 40MM grenades, 40MM grenade practice, 40MM grenade smoke, and 40MM grenade illumination.

Why Range 48 is a SCA

Range 48 (138.9 acres)

- The area contains high densities of similar ordnance items found in Range 44. Other items found inside Range 48 include 35MM sub caliber Practice items, 57MM, 60MM, 75MM, 81MM, 90MM, and one 155MM.

Alternatives

- Range 44 Combined approach using dual-tool method with localized mechanical sifting (or remote control) with limited erosion control and environmental restoration.
Fencing to restrict access.
- Range 47 Excavation in combination with mechanical sifting (or remote control) followed by digital survey with erosion control and environmental restoration.
Fencing to restrict access.
- Range 48 Combined approach using dual tool method with multiple areas requiring significant excavation in combination with mechanical sifting (or remote control). Extensive erosion control with environmental restoration.
Fencing to restrict access.

Range 44 Constraints

- Habitat: Destruction of identified high quality maritime chaparral (potentially 15 acres) during mechanical sifting operations and during analog removal in some cases.
- Schedule: Vegetation re-growth will impede dual tool removal methods.
- Reuse: MOCO Habitat Reserve. Provides a safety buffer for intended use of land (small arms firing ranges).
- Funding: Cost to perform action estimated between \$105K and \$270K per acre.

Range 47 Constraints

- Habitat: Destruction of 12 acres of maritime chaparral of lower quality.
- Schedule: Cost effectiveness realized with work performed in conjunction in Range 45 sifting.
- Reuse: MOCO Habitat Reserve. Provides a safety buffer for intended use of land (small arms firing ranges).
- Funding: Cost to perform action estimated between \$95K and \$125K per acre.

Range 48 Constraints

- Habitat: Destruction of potentially over 100 acres of maritime chaparral and grasslands.
- Schedule: Vegetation re-growth (except at grasslands) will impede dual tool removal methods. Extensive environmental restoration.
- Reuse: BLM Habitat Reserve.
- Funding: Cost to perform action potentially estimated between \$75K and \$150K per acre.

Preliminary Alternatives Considered

(Impacts to habitat have not been assessed under any of these alternatives)

- Range 44: Isolated mechanical sifting where feasible and potential fencing.
- Range 47: Mechanical sifting.
- Range 48: Combined mechanical and remote control mechanical sifting, dual tool, and fencing.