

SUBJECT: MR BCT Meeting
July 22, 2008 at 10:30 a.m.
 BRAC Conference Room

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8/21/08
mrl501

Fort Ord Military Munitions Response Program Fieldwork Update

8/20/2008

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MMRP Fieldwork Update

MRS-16

A prescribed burn has been completed on the 79 acre area of MRS-16 in preparation for a removal to depth munitions response. Habitat management transects have been installed to support monitoring of vegetation recovery from the preparatory, prescribed burn, and munitions response actions. Preparatory actions, prescribed burn, surface safety sweep, vegetation removal, surface removal, and subsurface removal are concluded. **QA is in progress.**

PHASES:	<u>Start</u>	<u>End</u>
Preparatory actions	06-19-06	07-12-06
Prescribed burn	10-19-06	10-19-06
Surface safety sweep	10-23-06	11-03-06
Vegetation removal (remainder)	11-14-06	12-14-06
Surface Removal	12-04-06	01-05-07
Digital survey / subsurface removal	01-08-07	06-28-08
QA	03-10-07	

ISSUES AND CONCERNS:

- A 4 plus acre area of high density anomalies remains within the perimeter of the site. Analysis of data collected from sampling of this area indicates that anomalies are buried expended practice rockets and associated debris. Removal of anomalies from this area would require excavation and screening.
- A consultation with BLM is complete reference the LUCs for the 4-plus acre high density area.
- The MRS fence has been removed. **A surface designation of the high density anomaly area (fence) is in progress.**

MMRP Fieldwork Update

PROJECT: MRS-BLM Units 1-5 Removal Action

An MMRP action is scheduled for MRS-BLM Units 1-5 in accordance with the Track 3 ROD. This area is located in the southwestern-most portion of the MRS-BLM. That area is divided into three units of 100+ acres for planning and control. Concurrence of Army's vegetation removal proposal by USF&WS has been received for units 1, 2, and 3. A Technical letter has been published to describe prescribed burn preparatory actions for the regulatory agencies. Vegetation cutting in fuel breaks (Units 2/3) is complete. Further blacklining is possible for Unit 3 (2008). Preparatory actions (access roads and heli pads) continue. Unit 3 is the primary objective for 2008 burn window.

Current start date: July 2008

Estimated end date : March 2009

PHASES:

	Start	End
Site preparation (est. fuel breaks/sup fac.)	06-07	
Vegetation removal		
-prescribed burn / vegetation cutting		
Surface removal		
Subsurface removal (limited)		
Digital survey (map)		

ISSUES AND CONCERNS:

- A restrictive burn prescription is necessary to protect nearby residential, commercial and, transportation facilities likely to be otherwise impacted by smoke from a prescribed burn.
- Initiation of a prescribed burn in Units 1-5 will require the closure of GJMB and South Boundary Rd.
- Units 2/3 prepped in 2007. Weather conditions did not meet prescription for a prescribed burn in 2007.
- An update (2008) to existing plans and coordination is complete.
- **Improvement of Unit 2/3 surrounding roadways to support prescribed burn control vehicles is complete.**

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MMRP Fieldwork Update

PROJECT: MRS-BLM Units 18 and 22 Removal Action

An MMRP action is scheduled for a portion of MRS-BLM (Units 18 and 22) in 2008 in accordance with the Track 3 ROD. The area scheduled for removal is located in the northeast-most portion of the MRS-BLM. The area is divided into units of less than 100 acres for planning and control. Concurrence of Army's vegetation removal proposal by USF&WS has been completed. A Technical letter has been published to describe prescribed burn preparatory actions for the regulatory agencies. **Vegetation cutting in fuel breaks is complete.** Blacklining is not anticipated. Masticated areas (fuel breaks) will be burned with the respective units. **Other preparatory actions (heli pad, Range 42 gate, and fuel break roadways) are complete.**

Start date: June 2008 (prep)

Estimated end date : Dec 2008

PHASES:

	Start	End
Site preparation (est. fuel breaks/sup fac.)	06-06-08	(08-21-08)
Vegetation removal		
- prescribed burn		
- vegetation cutting		
Surface removal		
Subsurface removal (limited)		
Digital survey (map)		

ISSUES AND CONCERNS:

- A less restrictive burn prescription is available in this area compared with Units 2-3.
- The burn plan and work plan are final.
- Some structures inside the fuel breaks will remain at BLM request.

8/20/2008

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MMRP Fieldwork Update

PROJECT: Parcel E20.c.1

A munitions investigation actions is planned for this parcel. The plan includes:

- Cutting the vegetation on 10 acres surrounding the grids of the parcel where numerous Mark II grenade fragments have been found
- EM-61 survey to map metallic debris
- Analysis of the data for anomalies
- Excavation of select anomalies and the conduct of appropriate QC/QA processes
- Report findings

A Work Plan was published

Start date: 08-06-07 Estimated date complete: TBD

PHASES:	Start Date	End Date
Site preparation	08-06-07	08-16-07
Vegetation removal		
Digital survey (map)	10-15-07	10-23-07
Investigation		
Report		

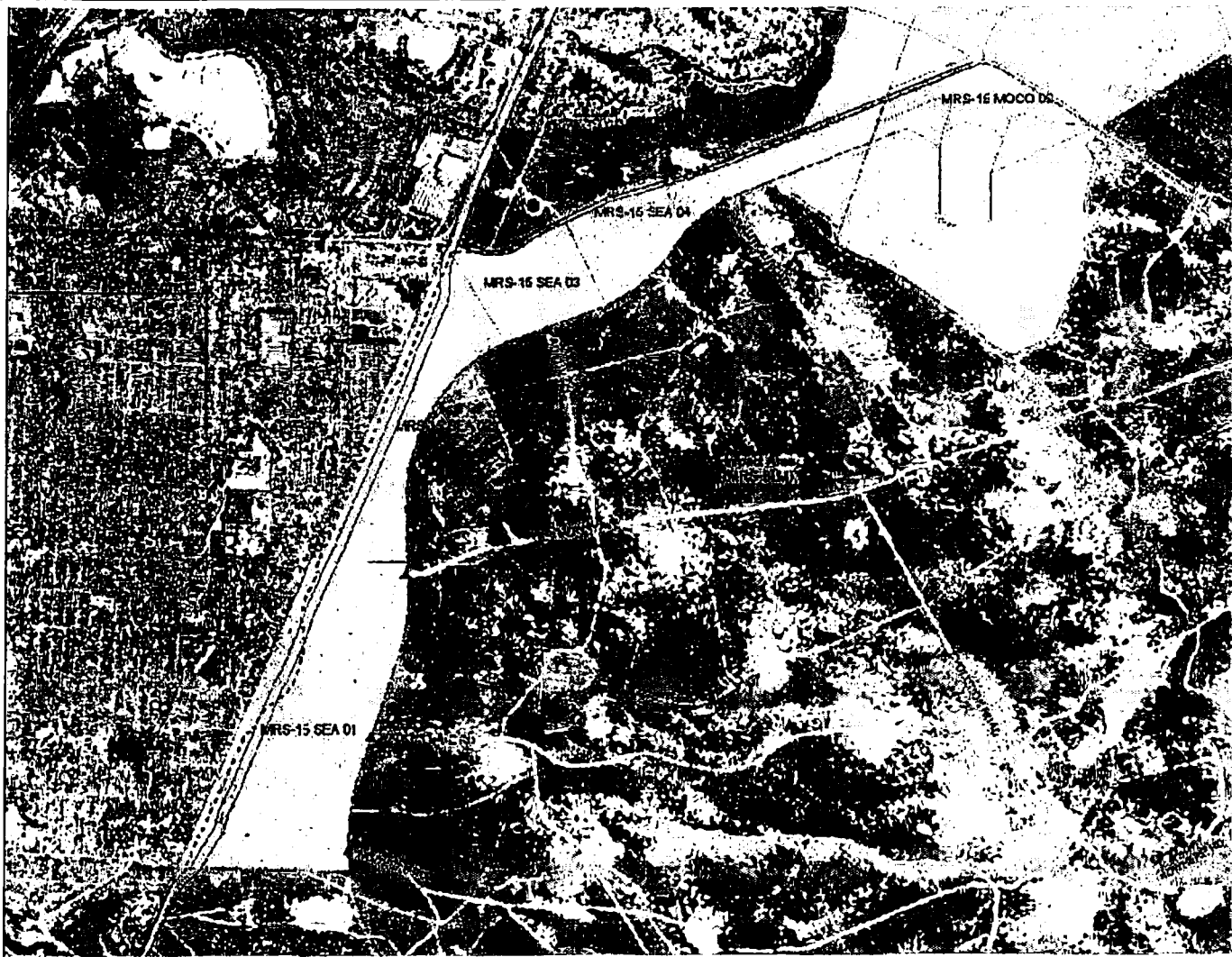
ISSUES AND CONCERNS: The original area planned for investigation has been reduced due to vegetation.

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>
MRS-16	208/26/13	38,848	N/A

MMRP Site Security Program

- Trespass Incidents: None
- MEC Incidents:
 - On 8-12-08 a MEC (40mm Grenade Practice M382) item was discovered in base rock material being used for fuel break repair surrounding Units 2-3.
- Community Education: Total recipients to date (2008): None
- MEC Rec and Safety Tng: Total personnel trained year to date (2008): 92
- Other: Five gates between ESCA Parcels Seaside 1-4 and MOCO 2 and the remainder of the impact area have were secured by the Army on 08-01-08 (MAP)



**Munitions Response
Site (MRS) Security
Seaside 1-4 - Moco 2**

- ▲ Gates to be constructed
- Current fence
- Proposed Eucalyptus Road
- Proposed General Jim Moore Blvd.
- - - Current fence to be removed
- - - New fence Line
- EGCA parcels

ATCH 2 MRS SEC RPT 2007





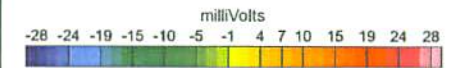
 DEPARTMENT OF DEFENSE
 U.S. ARMY
**FORMER FORT ORD
 MONTEREY, CALIFORNIA**

Figure 2-1
 Test Plot Location & Proposed Targets
 Former Fort Ord E20c.1 Site (First Tee)

Former Fort Ord
 Monterey, California

Legend

- Previously Located MEC
- ▲ Cultural Debris
- ◆ MK II Hand Grenade
- MK II Hand Grenade Fragment
- Test Plot Area



Map Scale 1:240

Coordinate System: California State Plane Zone 4, NAD83, US Survey Feet

Project Area Index Map



Map Scale 1:6,000

Client: US Army Corps of Engineers, Sacramento District

Project: Former Fort Ord, Site E20c.1 (First Tee)

Contractor: Shaw Environmental & Infrastructure, Inc.

Created By: JF Verified By: Approved By: MM

Date: July 21, 2008 File: First_Tee_Test_Plot.mxd

Page Numbers: Scale: 1:240

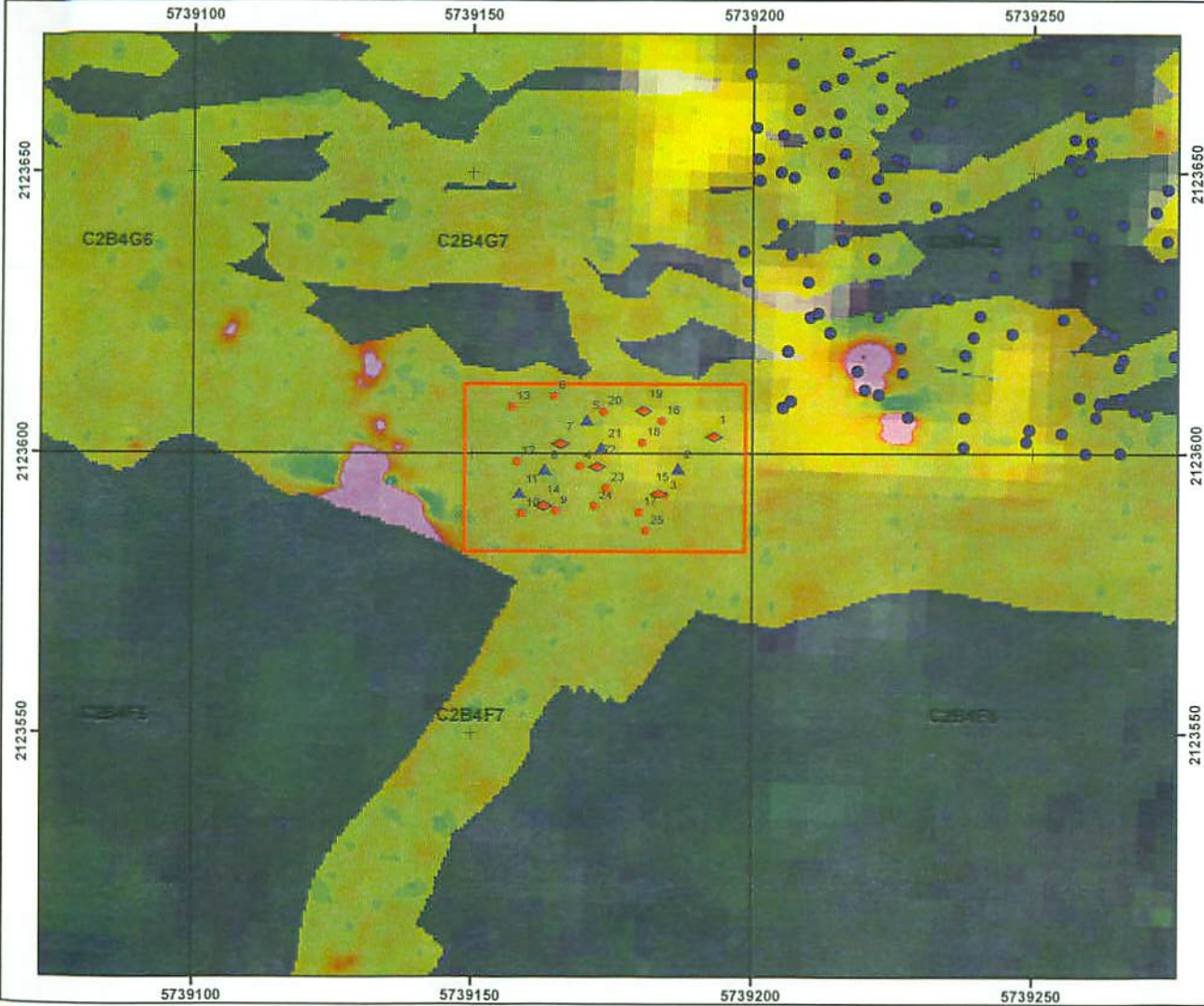


Table 2-1
Former Fort Ord E20c.1 Test Plot Seed Items

Item #	Easting (feet)	Northing (feet)	Depth (inches)	Item Description
1	5739193.1	2123603.1	3	MK II Hand Grenade
2	5739186.8	2123597.4	3	Cultural Debris
3	5739184.5	2123592.4	1	MK II Hand Grenade Fragment
4	5739169.3	2123597.7	6	MK II Hand Grenade Fragment
5	5739170.5	2123606.1	4	Cultural Debris
6	5739164.7	2123610.2	1	MK II Hand Grenade Fragment
7	5739165.8	2123601.8	8	MK II Hand Grenade
8	5739163.0	2123597.2	3	Cultural Debris
9	5739165.0	2123589.5	2	MK II Hand Grenade Fragment
10	5739158.9	2123589.0	3	MK II Hand Grenade Fragment
11	5739158.5	2123592.9	1	Cultural Debris
12	5739158.1	2123598.5	1	MK II Hand Grenade Fragment
13	5739157.2	2123608.3	2	MK II Hand Grenade Fragment
14	5739162.7	2123590.5	1	MK II Hand Grenade
15	5739183.3	2123592.8	12	MK II Hand Grenade
16	5739183.9	2123605.8	1	MK II Hand Grenade Fragment
17	5739179.9	2123589.2	4	MK II Hand Grenade Fragment
18	5739180.4	2123601.9	1	MK II Hand Grenade Fragment
19	5739180.6	2123607.7	12	MK II Hand Grenade
20	5739173.5	2123607.5	1	MK II Hand Grenade Fragment
21	5739173.1	2123601.1	1	Cultural Debris
22	5739172.3	2123597.7	6	MK II Hand Grenade
23	5739174.0	2123593.8	1	MK II Hand Grenade Fragment
24	5739171.9	2123590.4	1	MK II Hand Grenade Fragment
25	5739181.1	2123585.9	2	MK II Hand Grenade Fragment



REVISION	DATE	DESCRIPTION	CHKD	APPD		
		Department of the Army Sacramento District, Corps of Engineers Sacramento, California				
DESIGNED		FORMER FORT ORD, CALIFORNIA				
DRAWN						
CHECKED						
SUBMITTED		DATE	SCALE	SHEET	FILE No.	SPEC. No.
					E20c1_EM61anomaly.mxd	

MapNo

	SiteDesc	WorkDate	ftNorthing	ftEasting	OriginalOENomenclature
1	First Tee Reuse Parcels	3/24/08 12:00 AM	2123127	5739135	Wire
2	First Tee Reuse Parcels	3/24/08 12:00 AM	2123119	5739149	Wire
3	First Tee Reuse Parcels	3/24/08 12:00 AM	2123111	5739154	Wire
4	First Tee Reuse Parcels	3/24/08 12:00 AM	2123123	5739174	Wire (surface) and very small pieces of metal in soil
5	First Tee Reuse Parcels	3/24/08 12:00 AM	2123090	5739202	A piece of metal bar
6	First Tee Reuse Parcels	3/24/08 12:00 AM	2123086	5739204	A piece of metal bar and a piece of metal
7	First Tee Reuse Parcels	3/24/08 12:00 AM	2123125	5739264	Wire
8	First Tee Reuse Parcels	3/24/08 12:00 AM	2123518	5738817	No contact - an aluminum can found at 1 in.
9	First Tee Reuse Parcels	3/24/08 12:00 AM	2123503	5738818	No contact - an aluminum can found at 1 in.
10	First Tee Reuse Parcels	3/24/08 12:00 AM	2123535	5738839	A piece of metal pipe
11	First Tee Reuse Parcels	3/24/08 12:00 AM	2123539	5738867	Wire
12	First Tee Reuse Parcels	3/24/08 12:00 AM	2123506	5739445	A nail
13	First Tee Reuse Parcels	3/24/08 12:00 AM	2123607	5738812	A piece of metal (surface) and a piece of metal (3 in.)
14	First Tee Reuse Parcels	3/24/08 12:00 AM	2123556	5738814	A can pull tab
15	First Tee Reuse Parcels	3/24/08 12:00 AM	2123551	5738818	No contact - an aluminum can found in vegetation debris
16	First Tee Reuse Parcels	3/24/08 12:00 AM	2123566	5738834	A piece of metal (horseshoe shape)
17	First Tee Reuse Parcels	3/24/08 12:00 AM	2123595	5738841	A piece of metal pipe
18	First Tee Reuse Parcels	3/24/08 12:00 AM	2123584	5738861	MKII grenade frag (neck)
19	First Tee Reuse Parcels	3/24/08 12:00 AM	2123581	5738874	.50 cal, expended
20	First Tee Reuse Parcels	3/24/08 12:00 AM	2123593	5738876	.50 cal, expended
21	First Tee Reuse Parcels	3/24/08 12:00 AM	2123586	5738892	Two door hinges
22	First Tee Reuse Parcels	3/24/08 12:00 AM	2123767	5739138	A piece of metal (bottle) and a wood stain can
23	First Tee Reuse Parcels	3/24/08 12:00 AM	2123753	5739333	Wire
24	First Tee Reuse Parcels	3/24/08 12:00 AM	2123774	5739369	A steel fence post, 6-ft long

25	First Tee Reuse Parcels	3/24/08 12:00 AM	2123772	5739374	No contact (after removing the 6-ft fence post at #23)
26	First Tee Reuse Parcels	3/24/08 12:00 AM	2123501	5739453	A piece of metal
27	First Tee Reuse Parcels	3/24/08 12:00 AM	2123487	5739454	A piece of metal
28	First Tee Reuse Parcels	3/24/08 12:00 AM	2123504	5739462	A key for metal can opener (with lid wrapped around it)
29	First Tee Reuse Parcels	3/24/08 12:00 AM	2123496	5739464	A piece of metal
30	First Tee Reuse Parcels	3/24/08 12:00 AM	2123493	5739470	A piece of metal
31	First Tee Reuse Parcels	3/24/08 12:00 AM	2123491	5739474	Two pieces of metal A piece of metal (surface) and a piece of metal in vegetation debris
32	First Tee Reuse Parcels	3/24/08 12:00 AM	2123492	5739481	vegetation debris
33	First Tee Reuse Parcels	3/24/08 12:00 AM	2123486	5739481	Not investigated
34	First Tee Reuse Parcels	3/24/08 12:00 AM	2123498	5739483	A piece of metal
35	First Tee Reuse Parcels	3/24/08 12:00 AM	2123492	5739484	A piece of metal (surface) and very small pieces of metal in soil

**Fort Ord Munitions Response BCT Meeting
Summary of Action Items (July 22, 2008)**

<u>Action Item Descriptior</u>	<u>Responsible Party</u>	<u>Due Date</u>	<u>Comments</u>
Ongoing Actions/Other			
	Army	Quarterly	
	All	Monthly	The Army to work on formatting to meet agency needs.
C	Army		In progress.
	Army		
*	Army		

* Indicates new action item

"R" indicates revised action item

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