

SUBJECT: MR BCT Meeting
July 21, 2011
10:00 a.m. BRAC Conference Room

	Name	Organization	Phone	E-mail address
<i>HY</i>	Gail Youngblood	Fort Ord BRAC	831-242-7918	Gail.youngblood@us.army.mil
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<i>JH</i>	Judy Huang	U.S. EPA	415-972-3681	Huang.judy@epa.gov
<i>JM</i>	Lewis Mitani	U.S. EPA	415-972-3032	mitani.lewis@epa.gov
	David Eisen	COE	831-393-9692	David.Eisen@usace.army.mil
	Christopher Prescott	USACE	916-557-7227	Christopher.E.Prescott@usace.army.mil
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<i>EM</i>	Eric Morgan	BLM	831-394-8314	eric_morgan@ca.blm.gov
<i>S.C.</i>	Stan Cook	FORA	831-883-3672	Stan@fora.org
	Bill Collins	Fort Ord BRAC	831-242-7920	William.K.Collins@us.army.mil
<i>VS</i>	Lyle Shurtleff	Fort Ord BRAC	831-242-7919	Victor.L.Shurtleff@us.army.mil
<i>PK</i>	Peter Kelsall	Shaw E&I	831-883-5810	Peter.Kelsall@shawgrp.com
<i>DJL</i>	Derek Lieberman	Fort Ord BRAC	831-242-4873	Derek.S.Lieberman@us.army.mil
	Terry Gleason	USACE	916-557-6814	Terry.d.gleason@usace.army.mil
<i>CW</i>	Chieko Nozaki	Fort Ord BRAC	831-899-7372	Chieko.n.nozaki.ctr@us.army.mil
	Bruce Wilcer	MACTEC E&C	707-793-3887	blwilcer@mactec.com
	Mark Eldridge	AEC	410/436-6325	Mark.h.eldridge@us.army.mil
<i>KSS</i>	Kevin Siemann	Shaw E&I	831-883-5804	Kevin.Siemann@shawgrp.com
<i>CD</i>	Chris Duymich	POM FD	831-242-7901	Chris.duymich@us.army.mil

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	Melissa Broadston	Fort Ord BRAC	831-393-1284	Melissa.Broadston@us.army.mil
	Rob Robinson	Fort Ord BRAC	831-242-7900	clinton.w.robinson@us.army.mil
<i>ph</i>	Chris Goddard	USACE	916-557-6796	Christopher.A.Goddard@usace.army.mil
<i>mc</i>	Steve Crane	ITSI	916/853-1839	scrane@itsi.com
	Erin Caruso	ITSI	925/946-3559	ecaruso@itsi.com
	<i>Jan Mager</i>	<i>Shaw</i>	<i>831 883 5800</i>	<i>jan.mager@shawgrp.com</i>

MR BCT Meeting Agenda

Thursday, July 21, 2011 at 10:00 AM

Item	Action	Comment
Property Transfer	Update	
Community Relations	Update	
ESCA	Update	
Fieldwork / Track 3	Update	<ul style="list-style-type: none">- -Units 15/21 (fieldwork / report status)- Non-burn areas (fuelbreaks)- Units 4/5A/9/11/12 (work plan / work status)
Site Security Program	Update	
Remaining RI/FS Areas Program	Update	<ul style="list-style-type: none">- Site assessment status (BLM-North transect area)- BLM-HQ Track 1 AM status- E20c.1 & MRS-24A/C Track 1 AM status
Report Status	Update	
FFA Schedule	Update	
Action Items	Update	
Next BCT meeting	Schedule	<ul style="list-style-type: none">- 8/9 at 10:00 AM

07-21-11 Update - Fort Ord Real Estate Actions

FOST 11:

1. July 2010 – Draft Final FOST issued for 30-day public comment period. No comments received.
2. September 2010 – concurrence received from USEPA (2 Sep) and DTSC (13 Sep). FOST staffed for Army signature. Draft deed submitted to USACE for review.
3. October 2010 – ODASA (JC King) reviewing FOST before DASA (ESOH) signature.
4. December 2010 – ODASA sent FOST back to BRAC-D without signature. Army ELD informed and referred issue to OGC. ODASA revised FOST and submitted to BRAC-D.
5. January 2011 – ELD and OGC met with ODASA to revised FOST.
6. February 2011 – USATCES approved FOST, submitted to DDESB with recommendation for approval. DDESB approved 23 Feb. ELD submitted revised FOST to ODASA for review 28 Feb.
7. March 2011 – In meeting with ODASA, BRAC-D, OGC, ELD and Fort Ord BRAC 30 Mar, agreed to delete descriptions of MEC hazard scores and ECP Categories.
8. April 2011 – ELD revised FOST and issued to OGC, BRAC and ODASA for review on 15 Apr. Fort Ord BRAC reviewed and commented and sent back 15 Apr. ELD revised and reissued.
9. May 2011 – submitted revised FOST to USEPA and DTSC 5 May. On 19 May USEPA stated it cannot accept majority of changes.
10. June 2011 – after discussions with USEPA, ODASA made additional revisions to FOST and submitted to OGC and ELD on 20 June.
11. July 2011 – OGC and ELD reviewing revisions.

FOST 12:

1. May 2011 – draft in progress.
 - a. Parcel E20c.1 (hand grenade range) requires Track 1 Plug-in Approval Memorandum.¹
 - b. Parcel E29b.3.1 (Yadon's piperia) requires completion of biological opinion by USFWS.²
 - c. Parcel S2.1.2 (OU1) requires determination of OPS for OUCTP in the Lower 180-Foot Aquifer.
2. July 2011 – Army coordinating with USEPA on OPS for OUCTP in the Lower 180-Foot Aquifer.

FOSET 2 deed amendments:

1. July 2011 – copies of all six recorded deed amendments emailed to USEPA and DTSC (19 Jul). DTSC to also receive paper copies.

FOSET 4 deed amendment:

2. November 2008 – ROD for Del Rey Oaks MRA complete and signed.
3. June 2010 – Per USEPA, CERCLA Warranty cannot be issued until variance to CRUP is complete.
4. July 2010 – Del Rey Oaks submitted letter to DTSC requesting variance to the CRUP. Draft Final Remedial Design/Remedial Action Work Plan issued (28 Jul).
5. August 2010 – USEPA determined all remedial actions implemented and completed (20 Aug).
6. September 2010 – Del Rey Oaks retained surveyor. Draft deed amendment submitted to USACE.
7. November 2010 – surveyor completed legal description.
8. March 2011 – Del Rey Oaks forwarded legal description to DTSC, which started drafting CRUP variance.
9. April 2011 – DTSC revised CRUP variance and submitted in draft for internal review. Determined variance process is complex and may do a CRUP amendment instead.

¹ Draft Final to be issued in July.

² Biological opinion expected in July.

07-21-11 Update - Fort Ord Real Estate Actions

10. June 2011 – DTSC CRUP amendment in progress. Evaluating who the signatories will be (likely DTSC and Del Rey Oaks) and the recordation process.
11. July 2011 – DTSC submitted draft CRUP amendment/partial termination to Fort Ord BRAC for review on 11 July. BRAC responded with comments on 12 Jul. DTSC made additional revisions
19 Jul. Fort Ord BRAC recommended process for execution and recordation:
 - a. The City and DTSC execute the LUC amendment
 - b. Forward the executed LUC amendment to the U.S. Army Corps of Engineers, Sacramento District Real Estate Division (USACE SPK).
 - c. USACE SPK will attach the LUC amendment to the deed amendment and forward to FORA for execution.
 - d. FORA will sign the deed amendment and return the package to USACE SPK, who will forward to USACE HQ for execution.
 - e. Concurrently, FORA will prepare a deed amendment for execution by FORA and the City.
 - f. USACE will send the executed deed amendment and LUC amendment back to FORA for recordation.
 - g. FORA or the City will then record the deed amendment executed by them.

FOSET 5 deed amendments:

1. July 2011 – copy of recorded Amendment No. 2 to deed for County of Monterey property in County North MRA emailed to USEPA and DTSC (20 Jul). DTSC to also receive paper copies.

U.S. Army Community Outreach Update

Actions Underway:

1. Marina in Motion (MiM) monthly updates from the Army for "big picture" issues and progress reports based on document schedules, field work and regulatory issues
2. Updating all fact sheets – on-going
3. 2011 Community Survey underway (over 50 surveys received, completed 1 interview)
4. Response to comments (MiM) and publish Final Report of 2009-2010 Outreach and Survey Analysis underway
5. Response to comments (collected during 27JUN Marina in Motion community meeting) underway

Recent Activities:

1. Completed 25JUN Open House / Bus Tour focus on munitions clearance
2. Participated in 27JUN MiM Quarterly Public Meeting
3. Completed 27JUN Tour for MiM/TAs all Fort Ord cleanup projects (landfill, treatment plants, burn units/impact area)
4. Completed and distributed special Site 39 hauling route map for cyclists

Upcoming Activities

1. 19-22JUL USEPA Community Involvement Conference
2. 26JUL Bus tour for Sustainable Seaside 6:00 p.m. – 7:30 p.m.
3. 10-11AUG CIW and TRC Topics: ESCA, Site 39, Annual Landfill Update (poster station for outreach and survey)
4. 12AUG York School UXO safety briefing
5. 2-3 SEP Information booth at the Monterey County Fair (Army and ESCA)
6. 8NOV ESCA Group 3 Proposed Plan public meeting (tentative)
7. TBD Chartwell School UXO safety briefing
8. TBD Risk communication class
9. TBD Conduct tour for Fort Ord Widow and Widowers club (POC: E. Springer)

STATUS: RESPONSE to COMMUNITY COMMENTS (RTC)

AR Number	Title/Subject	Status
OE-0723A.2, 6/6/11	Comments submitted by community group member Dan Amadeo of Marina In Motion on the Final MRS-BLM Units 14 and 19, Technical Memorandum, Former Fort Ord, California (2009 Burns). (Submitted after comment period ended)	RTC is complete OE-0723A.3, 6/23/11
ESCA-0249A.3, 3/12/11	Comments submitted by community group Marina In Motion on the Draft Final Group 3 RI/FS Report, Volume 1-3 - Del Rey Oaks / Monterey, Laguna Seca Parking, and MOUT Site MRAs, FORA ESCA Remediation Program	RTC is in progress – ESCA program.
OE-0741.3, 4/25/11	Comments submitted by community group Marina In Motion on the Track 1 Plug-In Approval Memorandum Parcel E20c.1 & MRS-24A/C, Former Fort Ord, California	RTC is in progress
OE-0740.3, 4/25/11	Comments submitted by community group Marina In Motion on the Track 1 Plug-In Approval Memorandum, BLM-Headquarters and MRS-35, Former Fort Ord, California.	RTC is in progress
OE-0740.4, 4/27/11	Comments submitted by community group Fort Ord Community Advisory Group on the Track 1 Plug-In Approval Memorandum, BLM-Headquarters and MRS-35, Former Fort Ord, California.	RTC is in progress
OU1-588.3, 5/27/11	Comments submitted by community group member Dan Amadeo of Marina In Motion on the Draft 2010 Annual and Third Quarter Groundwater Monitoring Report, Operable Unit 1, Fritzsche Army Airfield Fire Drill Area	RTC is in progress
OE-0735C.1, 6/9/11	Comments submitted by community group member Dan Amadeo of Marina In Motion on the Draft Final MRS-BLM Units 11 and 12 (2011 Units) Prescribed Burn Plan, Former Fort Ord, California	RTC is in progress
OE-0735D.1, 6/9/11	Comments submitted by community group member Dan Amadeo, Marina In Motion, on the Draft Final Prescribed Burn Air Sampling and Analysis Plan, MRS-BLM Burn Units 11 and 12, Former Fort Ord, California	RTC is in progress
OE-0735D.2, 6/13/11	Comments submitted by community group member Mike Weaver, Fort Ord Community Advisory Group, on the Draft Final Prescribed Burn Air Sampling and Analysis Plan, MRS-BLM Burn Units 11 and 12, Former Fort Ord, California	RTC is in progress
OE-0735C.2, 6/13/11	Comments submitted by community group member Mike Weaver, Fort Ord Community Advisory Group on the Draft Final MRS-BLM Units 11 and 12 (2011 Units) Prescribed Burn Plan, Former Fort Ord, California	RTC is in progress
OU2-682.2, 7/11/11	Comments submitted by community group member Dan Amadeo, Marina In Motion on the Annual Report, 2010, Operations and Maintenance, Operable Unit 2 Landfills, Former Fort Ord, California, Revision 0	RTC is in progress

7/21/2011
MRBCT

July 2011						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 Federal Holiday	5	6 ESCA Emer. Services MTG (12:30pm) HTW IPM (1:30 PM)	7	8	9
10	11 Metal Mapper Demonstration	12 Metal Mapper Demonstration	13 Metal Mapper Demonstration	14 MR IPM (10:00 AM) Metal Mapper Demonstration	15 Metal Mapper Demonstration	16
17	18	19	20 ESCA Regulatory Meeting (10:00 AM) ESCA Users Group Mtg (12:00)	21 MR BCT (10:00 AM) HTW BCT (1:30 PM)	22	23
24	25	26 Bus Tour (Sustainable Seaside) 6:00 PM	27	28 MR IPM (10:00 AM) HTW IPM (1:30 PM)	29	30
31						

August 2011						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3 10:00 AM - CIW Prep Mtg #1 ESCA Emer. Services MTG *Optional(12:30pm)	4	5	6
7	8	9 MR BCT (10:00 AM - To be confirmed) ESCA Regulatory Mtg	10 10:00 AM - CIW Prep Mtg # 2 6:30 PM - CIW Meeting	11 10:00 AM - TRC Meeting	12	13

		(1:00 PM)	HTW BCT (1:30 PM)			
<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u> ESCA Fort Friends Mtg (12:00)	<u>25</u>	<u>26</u>	<u>27</u>
<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u> MR IPM (10:00 AM)			

← September 2011 →						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				<u>1</u>	<u>2</u> Monterey County Fair Booth - "Horse'n Around" - Hosted this day by ARMY	<u>3</u> Monterey County Fair Booth - "Horse'n Around" - Hosted this day by FORA ESCA RP
<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u> ESCA Emer. Services MTG (12:30pm) HTW IPM (1:30 PM)	<u>8</u>	<u>9</u>	<u>10</u>
<u>11</u>	<u>12</u>	<u>13</u> ESCA Regulatory Mtg (10:00 AM)	<u>14</u> HTW BCT (10:00 AM) MR BCT (1:30 PM)	<u>15</u>	<u>16</u>	<u>17</u>
<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u> ESCA Users Group Mtg (12:00)	<u>22</u>	<u>23</u>	<u>24</u> BLM Public Lands Day (tentative)
<u>25</u>	<u>26</u> Marina In Motion Quarterly Meeting (7:00 PM)	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	

**Fort Ord Munitions Response BCT Meeting
Summary of Action Items (June 24, 2011)**

<u>Action Item Description</u>	<u>Responsible Party</u>	<u>Due Date</u>	<u>Comments</u>
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Site Security/Incident Reports/Detonations

Field Work/Removal Action Updates/FWVs

*	Provide input on handling of fuelbreak SCAs.	BLM		
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FFA Schedules and MR RI/FS

	Follow up with City of Seaside re: onsite construction support at E20c.1.	DTSC		(May2011) Additional city contact information was provided to DTSC.
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Property Transfer

R	FOSETs 2/4/5 CERCLA warranty and deed amendment: the Army will provide EPA and DTSC copies when final.	Army		(May2010) The Army will forward deed amendments for FOSET5 Parker Flats properties. (June2010) Deed Amendments for FOSET5 Parker Flats properties have been provided to the agencies by FORA. (Aug2010) The Army will forward FOSET2 deed amendment for MST parcels. (Jun2011) The Army will forward all FOSET2 deed amendments to EPA/DTSC electronically.
	Check status of FOST11 in ENVIROSTOR.	DTSC		
*	Check Geotracker for making environmental data available to the public.	Army		

* 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 Munitions Response BCT Meeting
Summary of Action Items (June 24, 2011)**

	<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	
	Monthly 3-month deliverables schedule review at BCT meetings	All	Monthly	The Army to work on formatting to meet agency needs.
R	Update EPA website re: new TAG recipient.	EPA		(Oct2010) EPA Region IX website was updated. Request to update EPA HQ TAG website has been forwarded. (Jun2011) EPA Region IX has contacted the HQ web server error desk.
R	Arrange for agency participation in risk communication training during Fall 2011.	Army	8/31/2011 10/31/2011	(Feb2011) The training is now targeted for summer 2011. (Jun2011) Targeted for fall 2011.
	Develop a scheme for making it easy to find referenced documents in the future.	Army	Next meeting (5/24/2011) (6/24/2011) (7/21/2011)	(Apr2011) AR numbers will be noted in reference section of documents, but some of the documents could be replaced by updated versions with a different AR number. (May2011) notation in public website will assist future users on online AR.
C	Designate section numbers for ESCA RODs in the Third Five Year Review.	Army	Next meeting (6/24/2011)	
	Finalize MR BCT minutes from Apr 26.	Army	Monthly	
	Finalize MR BCT minutes from May 24.	Army	Monthly	
*	Finalize MR BCT minutes from June 24.	Army	Monthly	

* indicates new action item

"R" indicates revised action item

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

**BLM North (Southern Portion) Northern Triangle Portion
Recommendations Following Schonstedt and EM-61 Surveys**

Review of the EM-61 data and Schonstedt data included review of spacing of survey lines, the number of anomalies detected, and review of the types of items (munitions debris) found during anomaly investigation. The review identified the following:

- Survey lines in the northern portion of the triangle were spaced between about 100 to 600 feet apart with the tightest spacing in the far northern portion (Figure 1). Spacing increases in the east and south.
- Munitions debris items identified in the northern portion of the investigation area included grenade levers, and small arms blanks. In addition a Simulator, Projectile, Air Burst, M74A1 and a Signal, Ground, Rifle, Parachute, M17 Series were also found in the north.
- Survey spacing in the southern portion increases to over 1,500 feet apart in the center of the southern portion.
- Items found in the south included 81mm mortar fragments, signals, and a smoke rifle grenade. Just to the south of the triangle portion, 2 practice Stokes mortars, 60mm mortar tail fins, and 37mm fragments were identified.

The review indicates that the area north of Trail 59 should qualify for Track 1, Category 3 based on the items discovered and the area covered. The area south of Trail 59 should be furthered investigated, primarily the area between Trail 49 and Trail 67. The recommendation is based on the presence of 81mm mortar fragments on trail 49 and the mortars found just south of West Machine Gun Flats. Investigation using a Schonstedt or EM-61 magnetometer at roughly 300 to 400 foot spacing is recommended. General line spacings are shown on Figure 1.



LEGEND

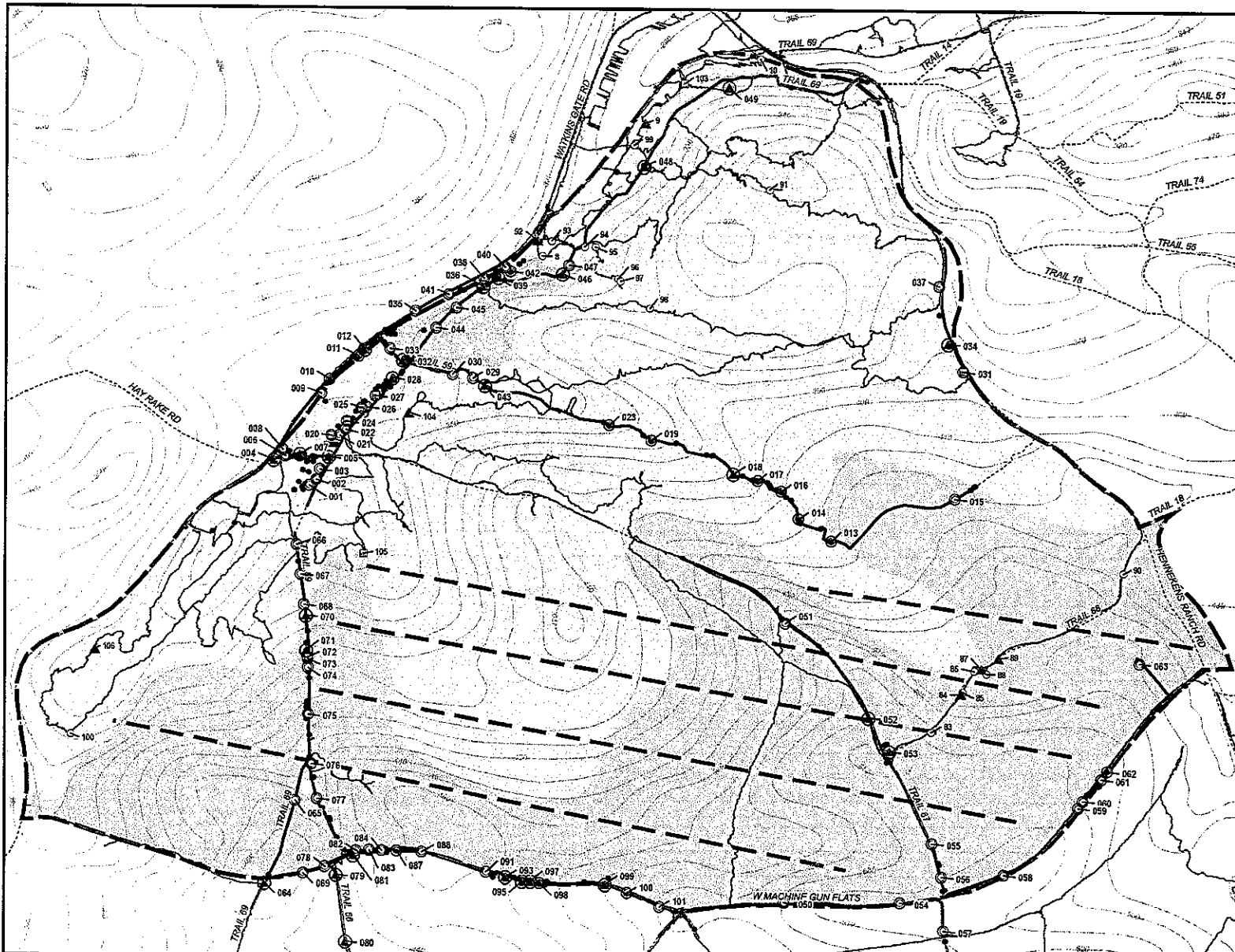
- *Not Investigated*
- Items from EM61 Targets
 - ⊙ *Munitions Debris*
 - ⊙ *Range Debris*
 - ⊙ *Man-made Feature*
- Items from Schonstadt Anomaly
 - ▲ *Munitions Debris*
 - ⊙ *Range Debris*
 - *Man-made Feature*
- ~ *Schonstadt Assisted Track*
- ~ *Approximate EM61 Track*
- *Proposed Additional Investigation Paths*
- - - *Road or Trail*
- ▭ *EM61 Area*



Projection : NAD_1983_StatePlane_California_IV_FIPS_4004_Feet

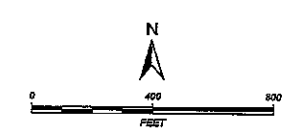
Data presented on map are current as of the date below. Data have not undergone a quality control review and therefore, are subject to change.

U.S. ARMY CORPS OF ENGINEERS SACRAMENTO DISTRICT		
DRAWING NUMBER N/A	FORMER FORT ORD BLM North (Northern and Southern Portion) EM61 Targets	
REV.	PROJECT NUMBER 846075	FILE NAME SEE FOOTER



LEGEND

- Not Investigated
- Items from EM61 Targets**
 - ⊙ Munitions Debris
 - ⊕ Range Debris
 - ⊙ Man-made Feature
- Items from Schonstadt Anomaly**
 - ▲ Munitions Debris
 - ⊕ Range Debris
 - Man-made Feature
- ~ Schonstadt Assisted Track
- ~ Approximate EM61 Track
- - - Proposed Additional Investigation Paths
- - - Road or Trail
- ⬜ EM61 Area
- Vegetation Types**
 - ▨ BBC - Blueblossom Ceanothus Chaparral
 - ▨ CMC - Central Maritime Chaparral
 - ▨ OW - Oak Woodland
 - ▨ OW/CMC - Mixed Oak Woodland/ Central Maritime Chaparral



Projection : NAD_1983_StatePlane_California_IV_FIPS_0404_Feet

Data presented on map are current as of the date below. Data have not undergone a quality control review and therefore, are subject to change.

<p>U.S. ARMY CORPS OF ENGINEERS SACRAMENTO DISTRICT</p>		
FIGURE NUMBER N/A	FORMER FORT ORD BLM North (Northern and Southern Portion) EM61 Targets	
<p>Shaw-Shaw Environmental, Inc.</p>		
REV.	PROJECT NUMBER	FILE NAME
	846075	SEE FOOTER

EM 61 Investigation Results

ID	Description	Investigated Depth (inches below ground surface)	Type	Map Description
BLM-001	Metal Communication Wire	2	MF-Metal Wire	MAN-MADE FEATURE
BLM-002	Large Nail	4	MF-Metal Debris	MAN-MADE FEATURE
BLM-003	Metal Tent Stake	6	MF-Metal Debris	MAN-MADE FEATURE
BLM-004	Grenade, Hand, Smoke, Spoon	4	Munitions Debris	MUNITIONS DEBRIS
BLM-005	Signal, Illumination, Ground, M127A1	6	Munitions Debris	MUNITIONS DEBRIS
BLM-006	Unknown Piece of Metal	3	MF-Metal Debris	MAN-MADE FEATURE
BLM-007	Small Arms- 5.56mm Blank (expended)	4	Munitions Debris	MUNITIONS DEBRIS
BLM-008	Metal Piece of Rebar/Stake	2	MF-Metal Debris	MAN-MADE FEATURE
BLM-009	Metal Piece of Rebar/Stake	1	MF-Metal Debris	MAN-MADE FEATURE
BLM-010	Nothing Found (Very Near a Metal Sign Post)	0-12	Nothing Found	Nothing Found
BLM-011	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-012	Simulator, Projectile, Air Burst, M74A1; Signal, Ground, Rifle, Parachute, M17 Series; M1 Clips and M1 Casings (expended)	12	Munitions Debris	MUNITIONS DEBRIS
BLM-013	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-014	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-015	Unknown Piece of Metal Rod (6-inch Length)	3	MF-Metal Debris	MAN-MADE FEATURE
BLM-016	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-017	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-018	M1 Casing (expended)	1	Munitions Debris	MUNITIONS DEBRIS
BLM-019	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-020	Metal P38 Can Opener	2	RF-Range Debris	RANGE DEBRIS
BLM-021	Large Nail	6	MF-Metal Debris	MAN-MADE FEATURE
BLM-022	Large Nail	6	MF-Metal Debris	MAN-MADE FEATURE
BLM-023	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-024	Metal P38 Can Opener	2	RF-Range Debris	RANGE DEBRIS
BLM-025	Trash Pit with C-Ration Cans	12	RF-Range Debris	RANGE DEBRIS
BLM-026	Fence Post	2	MF-Metal Fence Post	MAN-MADE FEATURE
BLM-027	Metal Scrap of an Ammunition Can	6	RF-Range Debris	RANGE DEBRIS
BLM-028	Grenade, Spoon	4	Munitions Debris	MUNITIONS DEBRIS
BLM-029	Unknown Metal Vehicle Part/Trim (18-inch Length)	12	MF-Metal Debris	MAN-MADE FEATURE
BLM-030	Metal Vehicle Part/Alternator Bracket	4	MF-Metal Debris	MAN-MADE FEATURE
BLM-031	Metal Scrap of an Ammunition Can	6	RF-Range Debris	RANGE DEBRIS
BLM-032	Grenade, Hand, Smoke, Spoon	2	Munitions Debris	MUNITIONS DEBRIS
BLM-033	Metal Cable on a Telephone Utility Post	surface	MF-Metal Debris	MAN-MADE FEATURE
BLM-034	Small Arms- 5.56mm Links (expended) and a small piece of metal wire	4	Munitions Debris	MUNITIONS DEBRIS
BLM-035	Large piece of asphalt	6	MF-Concrete Debris	MAN-MADE FEATURE

EM 61 Investigation Results

ID	Description	Investigated Depth (inches below ground surface)	Type	Map Description
BLM-036	Grenade, Hand, Ring	1	Munitions Debris	MUNITIONS DEBRIS
BLM-037	Windshield Wiper Blade	2	MF-Metal Debris	MAN-MADE FEATURE
BLM-038	Piece of Rebar	2	MF-Metal Debris	MAN-MADE FEATURE
BLM-039	Grenade, Hand, Smoke, Spoon	4	Munitions Debris	MUNITIONS DEBRIS
BLM-040	Survey Marker	4	MF-Survey Marker	MAN-MADE FEATURE
BLM-041	Several Pieces of Asphalt	4	MF-Concrete Debris	MAN-MADE FEATURE
BLM-042	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-043	Signal, Illumination, Ground, M127A1	6	Munitions Debris	MUNITIONS DEBRIS
BLM-044	Metal Wire and Rust Flakes in Soil	4	MF-Metal Debris	MAN-MADE FEATURE
BLM-045	Rusted Metal Scrap Pieces with Nails	12	MF-Metal Debris	MAN-MADE FEATURE
BLM-046	Small Arms- 5.56mm Blanks (expended) and Small Pieces of Scrap Steel	4	Munitions Debris	MUNITIONS DEBRIS
BLM-047	Rust-Stained Soil	0-12	MF-Metal Debris	MAN-MADE FEATURE
BLM-048	M1 Clip	6	Munitions Debris	MUNITIONS DEBRIS
BLM-049	Small Arms- 5.56mm Link (expended)	2	Munitions Debris	MUNITIONS DEBRIS
BLM-050	Metal Wire (4-inch Length)	1	MF-Metal Wire	MAN-MADE FEATURE
BLM-051	Small Pieces of Steel	3	MF-Metal Debris	MAN-MADE FEATURE
BLM-052	Small Arms- 7.62mm Blank Casings (expended)	1	Munitions Debris	MUNITIONS DEBRIS
BLM-053	Grenade, Pull-Ring and Small Arms- 7.62mm Blank Casings (expended)	1	Munitions Debris	MUNITIONS DEBRIS
BLM-054	Metal Ring	3	MF-Metal Debris	MAN-MADE FEATURE
BLM-055	Large Nail	12	MF-Metal Debris	MAN-MADE FEATURE
BLM-056	Metal Web-Gear Clasp	1	MF-Metal Debris	MAN-MADE FEATURE
BLM-057	Large Nail	2	MF-Metal Debris	MAN-MADE FEATURE
BLM-058	Unknown Vehicle Part	4	MF-Metal Debris	MAN-MADE FEATURE
BLM-059	Large Nail	3	MF-Metal Debris	MAN-MADE FEATURE
BLM-060	a Bar Magnet	12	MF-Metal Debris	MAN-MADE FEATURE
BLM-061	Metal Pin-Flag Wire	6	MF-Metal Wire	MAN-MADE FEATURE
BLM-062	Nothing Found (in Dense Vegetation)	0-12	Nothing Found	Nothing Found
BLM-063	Several Metal Nails	surface	MF-Metal Debris	MAN-MADE FEATURE
BLM-064	M1 Clip	2	Munitions Debris	MUNITIONS DEBRIS
BLM-065	Metal Wire (1-inch Length)	1	MF-Metal Wire	MAN-MADE FEATURE
BLM-066	Large Nail	4	MF-Metal Debris	MAN-MADE FEATURE
BLM-067	Metal Pin-Flag Wire	1	MF-Metal Wire	MAN-MADE FEATURE
BLM-068	Large Nail	4	MF-Metal Debris	MAN-MADE FEATURE
BLM-069	Fence Post	1	MF-Metal Fence Post	MAN-MADE FEATURE
BLM-070	81mm Mortar Frag	18	Munitions Debris	MUNITIONS DEBRIS
BLM-071	Small Arms-5.56mm Link	2	Munitions Debris	MUNITIONS DEBRIS

EM 61 Investigation Results

ID	Description	Investigated Depth (inches below ground surface)	Type	Map Description
BLM-072	Large Nail	6	MF-Metal Debris	MAN-MADE FEATURE
BLM-073	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-074	Large Nail	3	MF-Metal Debris	MAN-MADE FEATURE
BLM-075	Large Nail	1	MF-Metal Debris	MAN-MADE FEATURE
BLM-076	Metal Web-Gear Clasp	1	MF-Metal Debris	MAN-MADE FEATURE
BLM-077	Medium-size Nail	1	MF-Metal Debris	MAN-MADE FEATURE
BLM-078	Metal Wire (1-inch Length)	1	MF-Metal Wire	MAN-MADE FEATURE
BLM-079	Simulator, Projectile, Air Burst, M74A1	12	Munitions Debris	MUNITIONS DEBRIS
BLM-080	M1 Clip	1	Munitions Debris	MUNITIONS DEBRIS
BLM-081	Small Arms- 5.56mm Link (expended)	3	Munitions Debris	MUNITIONS DEBRIS
BLM-082	Unknown, Rusted Steel	6	MF-Metal Debris	MAN-MADE FEATURE
BLM-083	Unknown, Rusted Steel	3	MF-Metal Debris	MAN-MADE FEATURE
BLM-084	Metal Pin-Flag Wire	1	MF-Metal Wire	MAN-MADE FEATURE
BLM-085	Fence Post	6	MF-Metal Fence Post	MAN-MADE FEATURE
BLM-086	a Metal Bolt	1	MF-Metal Debris	MAN-MADE FEATURE
BLM-087	Nothing Found (in Washed-Out Area)	0-12	Nothing Found	Nothing Found
BLM-088	Scrap Piece of Alluminum (1-inch X 1-inch)	1	MF-Metal Debris	MAN-MADE FEATURE
BLM-089	a Metal Spring	2	MF-Metal Debris	MAN-MADE FEATURE
BLM-090	a Metal Nut	1	MF-Metal Debris	MAN-MADE FEATURE
BLM-091	Piece of a Nail	4	MF-Metal Debris	MAN-MADE FEATURE
BLM-092	Small Arms-5.56mm Stripper Clip	1	Munitions Debris	MUNITIONS DEBRIS
BLM-093	Grenade, Rifle, Smoke	12	Munitions Debris	MUNITIONS DEBRIS
BLM-094	60mm Mortar Tail Fins	6	Munitions Debris	MUNITIONS DEBRIS
BLM-095	Grenade, Rifle, Smoke	12	Munitions Debris	MUNITIONS DEBRIS
BLM-096	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-097	M1 Casing (expended)	surface	Munitions Debris	MUNITIONS DEBRIS
BLM-098	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-099	M1 Clip	6	Munitions Debris	MUNITIONS DEBRIS
BLM-100	Nothing Found	0-12	Nothing Found	Nothing Found
BLM-101	Fence Post (18-inch Length)	12	MF-Metal Fence Post	MAN-MADE FEATURE

BLM NORTH (Northern and Southern Portions)
Detected Schonstedt Anomalies
as of 6/20/2011

Anomaly #	Subsurface Investigation Finding	Investigated Depth (Inches Below Ground Surface)	Type	Map Description
1	75mm Projectile Fragmentation Round (expended)	6	Munitions Debris	Munitions Debris
2	P-38 C-Rations Can Opener	8	TF-Range Debris	Range Debris
3	Small Arms-7.62mm Links	6	Munitions Debris	Munitions Debris
4	1/4-inch Metal Banding	6	MF-Metal Debris	Man-Made Feature
5	Metal Nail	4	MF-Metal Debris	Man-Made Feature
6	Unknown Metal, Rusted Vehicle Parts	2	MF-Metal Debris	Man-Made Feature
7	Unknown Metal, Rusted Vehicle Parts	1	MF-Metal Debris	Man-Made Feature
8	Rust-Stained Soil	2	MF-Metal Debris	Man-Made Feature
9	Small Arms-5.56mm Links	1	Munitions Debris	Munitions Debris
10	Unknown Metal, Rusted, Vehicle Parts	3	MF-Metal Debris	Man-Made Feature
11	M49 Signal, Illumination, Ground, Flare (Holder)	6	Munitions Debris	Munitions Debris
12	Metal Gate Hasp	5	MF-Metal Debris	Man-Made Feature
13	Trash Pit with Six (6) M-1 Clips	18	Trash Pit-Munitions Debris	Munitions Debris
14	2-inch Diameter X 20ft. Length Pipe	18	MF-Metal Pipe	Man-Made Feature
15	1-inch Diameter X 2ft. Length Pipe	6	MF-Metal Pipe	Man-Made Feature
16	6-inch Length of ReBar	6	MF-Metal Debris	Man-Made Feature
17	Communication Wire	6	MF-Metal Wire	Man-Made Feature
18	Metal Hinges and Nails	10	MF-Metal Debris	Man-Made Feature
19	9-Volt Battery	4	MF-Metal Debris	Man-Made Feature
20	Large Nail	8	MF-Metal Debris	Man-Made Feature
21	Large Nail	6	MF-Metal Debris	Man-Made Feature
22	M49 Trip Flare Holder	4	Munitions Debris	Munitions Debris
23	1-inch Diameter X 12-inch Length Pipe	12	MF-Metal Pipe	Man-Made Feature
24	Metal Railroad Spike	3	MF-Metal Debris	Man-Made Feature
25	Metal Pin Flag	6	MF-Metal Debris	Man-Made Feature
26	1-inch Diameter X 10-inch Length Pipe	6	MF-Metal Pipe	Man-Made Feature
27	Metal Post	6	MF-Metal Fence Post	Man-Made Feature
28	1-foot Length Piece of ReBar	3	MF-Metal Debris	Man-Made Feature
29	Metal Pin Flag	2	MF-Metal Debris	Man-Made Feature
30	Metal Fence Post	2	MF-Metal Fence Post	Man-Made Feature
31	Many Scattered, Rusted, Pieces of Steel	1	MF-Metal Debris	Man-Made Feature
32	Metal Bicycle Cable	1	MF-Metal Debris	Man-Made Feature
33	Unknown Metal Utility Cable	12	MF-Metal Debris	Man-Made Feature
34	Metal Fence Post	4	MF-Metal Fence Post	Man-Made Feature
35	Metal Communication Wire	1	MF-Metal Wire	Man-Made Feature
36	Various Metal Car Parts	5	MF-Metal Debris	Man-Made Feature
37	Metal Fence Post	18	MF-Metal Fence Post	Man-Made Feature
38	Metal Fence Post	4	MF-Metal Fence Post	Man-Made Feature

BLM NORTH (Northern and Southern Portions)
Detected Schonstedt Anomalies
as of 6/20/2011

Anomaly #	Subsurface Investigation Finding	Investigated Depth (Inches Below Ground Surface)	Type	Map Description
39	Metal Fence Post	12	MF-Metal Fence Post	Man-Made Feature
40	Metal Fence Post	2	MF-Metal Fence Post	Man-Made Feature
41	Metal Fence Post	2	MF-Metal Fence Post	Man-Made Feature
42	Metal Fence Post	2	MF-Metal Fence Post	Man-Made Feature
43	Metal, Rusted, Vehicle Part (Door Handle)	1	MF-Metal Debris	Man-Made Feature
44	Communication Wire	2	MF-Metal Wire	Man-Made Feature
45	Communication Wire	2	MF-Metal Wire	Man-Made Feature
46	Grenade, Hand, Illumination, MK-1 (expended)	1	Munitions Debris	Munitions Debris
47	M1 Clip	2	Munitions Debris	Munitions Debris
48	Unknown Metal Scrap	2	MF-Metal Debris	Man-Made Feature
49	Metal Wire	3	MF-Metal Wire	Man-Made Feature
50	Tail Boom from an Unknown Mortar	1	Munitions Debris	Munitions Debris
51	Hand Grenade Fuze Pull-Ring	2	Munitions Debris	Munitions Debris
52	57mm Fragment	3	Munitions Debris	Munitions Debris
53	Metal Fence Post	4	MF-Metal Wire	Man-Made Feature
54	M1 Clip	2	Munitions Debris	Munitions Debris
55	M1 Clip	1	Munitions Debris	Munitions Debris
56	Metal Wire	1	MF-Metal Wire	Man-Made Feature
57	Metal Bolt	4	MF-Metal Debris	Man-Made Feature
58	Nothing Found in a 1ft X 20ft Radius of Anomaly	0-12	Nothing Found	Nothing Found
59	M1 Clip and Communication Wire	1	Munitions Debris	Munitions Debris
60	MK1, 3-inch, Stokes Mortar (MPPEH)	3	Munitions Debris	Munitions Debris
61	MK1, 3-inch, Stokes Mortar (MPPEH)	3	Munitions Debris	Munitions Debris
62	Metal Wire Pin Flag	6	MF-Metal Debris	Man-Made Feature
63	Metal Wire	2	MF-Metal Wire	Man-Made Feature
64	5.56mm Links	3	Munitions Debris	Munitions Debris
65	Unknown Metal Scrap	12	MF-Metal Debris	Man-Made Feature
66	Metal Pipe Coupler	4	MF-Metal Debris	Man-Made Feature
67	1-inch Diameter X 1ft Length of Pipe	5	MF-Metal Pipe	Man-Made Feature
68	Metal Bolt	2	MF-Metal Debris	Man-Made Feature
69	Concertina Wire	3	MF-Metal Wire	Man-Made Feature
70	Tail Boom from an Unknown Mortar	2	Munitions Debris	Munitions Debris
71	Concertina Wire	12	MF-Metal Wire	Man-Made Feature
72	Metal Fence Post	6	MF-Metal Fence Post	Man-Made Feature
73	Metal Cable Anchor	12	MF-Metal Debris	Man-Made Feature
74	Large Nail	4	MF-Metal Debris	Man-Made Feature
75	Metal Fence Post	30	MF-Metal Fence Post	Man-Made Feature
76	Metal Wire	4	MF-Metal Wire	Man-Made Feature

BLM NORTH (Northern and Southern Portions)
 Detected Schonstedt Anomalies
 as of 6/20/2011

Anomaly #	Subsurface Investigation Finding	Investigated Depth (Inches Below Ground Surface)	Type	Map Description
77	Metal Angle-Iron	6	MF-Metal Debris	Man-Made Feature
78	Barbed Wire	5	MF-Metal Wire	Man-Made Feature
79	Metal Utility Cable/Line	6	MF-Metal Debris	Man-Made Feature
80	Barbed Wire	6	MF-Metal Wire	Man-Made Feature
81	Metal Wire	2	MF-Metal Wire	Man-Made Feature
82	Barbed Wire	4	MF-Metal Wire	Man-Made Feature
83	Fence Post	surface	MF-Metal Fence Post	Man-Made Feature
84	Unknown Mortar Tail-Boom	6	Munitions Debris	Munitions Debris
85	Two (2) Separate Pieces of Metal Wire (3-inch Lengths)	2	MF-Metal Wire	Man-Made Feature
86	Metal Communication Wire (6-inch Length)	2	MF-Metal Wire	Man-Made Feature
87	Grenade, Smoke, Spoon	4	Munitions Debris	Munitions Debris
88	Metal Communication Wire (12-inch Length)	4	MF-Metal Wire	Man-Made Feature
89	M1 Clip	2	Munitions Debris	Munitions Debris
90	Metal Wire	2	MF-Metal Wire	Man-Made Feature
91	Braided Steel Cable	2	MF-Metal Debris	Man-Made Feature
92	Small Arms- 5.56mm Link	2	Munitions Debris	Munitions Debris
93	a Metal "I" Bolt	6	MF-Metal Debris	Man-Made Feature
94	Barbed Wire (4-inch Length)	3	MF-Metal Wire	Man-Made Feature
95	Metal Communication Wire	2	MF-Metal Wire	Man-Made Feature
96	a Metal Hinge	4	MF-Metal Debris	Man-Made Feature
97	Large Nail (4-inch Length)	2	MF-Metal Debris	Man-Made Feature
98	Metal Wire (12-inch Length)	4	MF-Metal Wire	Man-Made Feature
99	Fence Post	18	MF-Metal Fence Post	Man-Made Feature
100	Metal Wire (20-inch Length)	6	MF-Metal Wire	Man-Made Feature
101	3-inch Stokes Mortar, Practice, MK1	12	MPPEH	MPPEH
102	Mine, Antitank, Practice	6	Munitions Debris	Munitions Debris
103	Ammunition Cannister	12	RF-Range Debris	Range Debris
104	5.56mm Link	4	Munitions Debris	Munitions Debris
105	C-Ration Can	2	RF-Range Debris	Range Debris
106	Grenade, Rifle, Smoke (expended)	4	Munitions Debris	Munitions Debris

MMRP Site Security Program

- Trespass Incidents:
 - Last 30 days: 0 Year to Date: 1
- MEC Incidents:
 - Last 30 Days: 0 Year to Date: 9
- Community Education:
 - Total recipients in 2011: 0
- MEC Rec and Safety Tng:
 - Total personnel trained in 2011: 99
- Other:
 - Annual Surface Monitoring Report is complete
 - Annual MRS Security Report including 2010 annual report complete

MMRP Fieldwork Update

Unexploded Ordnance (UXO) / Discarded Military Munitions (DMM) /
To Be Determined (TBD), Munitions Debris (MD), and Range Related Debris (RRD)
Summary

<u>Detonations</u>	<u>Location</u>	<u>items</u>	<u>Result</u>
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July 21

<u>Remediation</u>	<u>TBD/UXO/DMM Items</u>	<u>MD lbs</u>	<u>RRD lbs</u>
Units 15/21/32/34	0/35/0	8,500	32,312
Units 11/12	0/3/0		
FBs	37/0/0		

MMRP Fieldwork Update

PROJECT: MRS-BLM (Track 3) Units 4/5A/9/11/12 (727 acres)

An MMRP action in accordance with the Track 3 ROD including vegetation removal, technology-aided (TA) surface remediation, subsurface MEC remediation in selected areas, and digital geophysical mapping (DGM).

Start date: July 2011

Estimated end date : June 2012

PHASES:

	Start	End
Site preparation		
- Cutting of containment lines	05-04-11	06-08-11
- TA Surface Remediation (containment lines)	07-25-11	(09-01-11)
Vegetation removal		
- Cutting	(pending USF&WS approval)	
DGM		
MEC Removal		
- TA Surface remediation		
- Subsurface remediation, limited		

ISSUES AND CONCERNS:

- Heavy artillery UXO has been discovered on Units 11 and 12 that requires action safety distances beyond appropriate prescribed burn applications.
- Cutting of Units 4, 5A, and 9 and the remainder of Units 11/12 is pending USF&WS approved biological opinion and biological assessment respectively.
- **Surface remediation of the containment lines (cut vegetation) for Units 11/12 will begin in July.**

7/19/2011

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MMRP Fieldwork Update

PROJECT: MRS-BLM (Track 3) Non-Burn Areas (509 acres)

An MMRP action in accordance with the Track 3 ROD including vegetation clearance, technology-aided surface MEC remediation, subsurface MEC remediation in selected areas, and digital geophysical mapping (DGM). in an areas located within the Impact Area including permanent fuel breaks, non-burn habitat areas, and 100 ft buffer areas.

Start date: March 2010

Estimated end date : TBD

PHASES:

Site preparation

Start
as required

End
as required

Vegetation removal
- vegetation cutting

as required

as required

DGM

08-23-10

01-05-11 (fuel breaks)

MEC Removal

- surface remediation
- subsurface remediation, (Phase A)

as required
05-16-11

as required
08-02-11

ISSUES AND CONCERNS:

- BLM is in progress of inventorying and commenting on current fuel break SCA list.
- Fuel Break – subsurface remediation in those portions with ESS (Phase A (11 acres)) are in progress.