

MR BCT Meeting Agenda

Friday, February 24, 2012 at 10:00 AM

Item	Action	Comment
Community Relations	Update	
Property Transfer	Update	
ESCA	Update	
Prescribed Burn Program	Update	
Innovative Technology	Update	
Fieldwork / Track 3	Update	<ul style="list-style-type: none">- Units 15/21 (TM review)- Units 4/5A/9/11/12 (fieldwork status)- Non-Burn areas (fuelbreaks, fieldwork status)
Site Security Program	Update	
Remaining RI/FS Areas Program	Update	<ul style="list-style-type: none">- Site assessment report status- FAAF RI/FS
Report Status	Update	
FFA Schedule	Update	
Action Items	Update	
Next BCT meeting	Schedule	<ul style="list-style-type: none">- 3/16 @ 9:00 am- 4/10 @ 10:00 am

Fort Ord MMRP Report Status
24Feb2012

	<u>Deliverable</u>	<u>Version</u>	<u>Proposed Issue Date</u>	<u>Issue Date Status</u>	<u>Comments Due</u>	<u>Note:</u>
Track 3 Impact Area MRA	1 MRS-BLM Units 15 and 21 (2010 Units) Technical Memorandum	-- Final	21-Dec-11	Issued TBD	31-Jan-12	EPA comment 1/31, CAG 1/31.
	2 MRS-BLM Units 15,21,32 and 34 (2010 Units) Remedial Action Report	Draft Draft Final Final		TBD		Within 60 days after MEC remedial actions are complete
	3 MRS-BLM Non-Burn Fuelbreaks Technical Information Paper (RTD)	Draft Draft Final Final		TBD		
	4 MRS-BLM Units 7 and 10 (2012 Units) Prescribed Burn Plan (w/AirSAP and Notification Plan)	Draft Draft Final Final	15-Feb-12 25-Apr-12 28-Jun-12	Issued	26-Mar-12 29-May-12	
	5 MRS-BLM Units 6, 7 and 10 (2012 Units) SSWP MEC Remedial Action	Draft Draft Final Final	15-Feb-12 25-Apr-12 28-Jun-12	Issued	26-Mar-12 29-May-12	
	6 Impact Area MRA Surface Remediation Area Annual Monitoring Report (2012)			TBD		
Remaining RI/FS Areas	7 BLM-East Post-1940 (S Portion) Site Assessment Data Report (#1)	Draft Draft Final Final	8-Jun-11 13-Sep-11 26-Jan-12	Issued Issued Issued	15-Jul-11 17-Oct-11	MIM 7/13. EPA 7/12. RTC sent 8/25 reply requested by 9/5. MIM 10/11, CAG 10/17.
	8 BLM-East Post-1940 (N Portion) Site Assessment Data Report (#2)	Draft Draft Final Final	21-Sep-11 19-Dec-11 --	Issued Issued	26-Oct-11 23-Jan-12	MIM 10/14. EPA 11/1. MIM 1/18. EPA 1/18. (both have no comments) DF is considered as final.
	9 BLM-East Pre-1940 (N/S Portions) Site Assessment Data Report (#3)	Draft Draft Final Final	30-Sep-11 7-Feb-12	Issued Issued	8-Nov-11 8-Mar-12	MIM 11/4. EPA 11/17.
	10 BLM-North (N/S Portions) Site Assessment Data Report (#4)	Draft Draft Final Final	22-Feb-12	Issued	26-Mar-12	
	11 Track 2 RI/FS MRS-34 (FAAF)	Draft Draft Final Final	12-Mar-12 10-Jun-12 9-Aug-12		11-May-12 10-Jul-12	
	12 Track 1 Plug-In Approval Memorandum BLM-East/Post-1940	Draft (agencies) Draft Final (public review) Final (RTC)		TBD		

Fort Ord MMRP Report Status
24Feb2012

	<u>Deliverable</u>	<u>Version</u>	<u>Proposed Issue</u>	<u>Issue Date</u>	<u>Comments Due</u>	<u>Note:</u>
			<u>Date</u>	<u>Status</u>		
Land Use Controls & Other	13 FOSET4 (DRO) Deed Amendment			TBD		
	14 FOST12	Draft Draft Final (public review) Final		TBD TBD TBD		
	15 Track 2 Parker Flats MRA Annual Monitoring Report (2011)	--	20-Jan-12	Issued	--	oe-0667M
	16 MRS Security Program Annual Report (2011)	--		TBD		

**finalized documents and previous versions are shaded

**Munitions Response - Remaining RI/FS Areas
Former Fort Ord
DRAFT**

Deliverable/Event	Current Deadlines	Deadline Revision Rationale
Munitions Response - Remaining RI/FS Areas		
<i>Draft Track 1 Plug-In Approval Memorandum BLM-East/Post-1940</i>	4/12	
<i>Comments Due</i>	5/12	
<i>Draft Final Track 1 Plug-In Approval Memorandum BLM-East/Post-1940 (for 30-day Public Review)</i>	6/12	
<i>Comments Due</i>	7/12	
Draft Remaining RI/FS Areas Remedial Investigation/Feasibility Study	TBD	
Comments Due	TBD	
Draft Final Remaining RI/FS Areas Remedial Investigation/Feasibility Study	TBD	
Comments Due	TBD	
Draft Remaining RI/FS Areas Proposed Plan	TBD	
Comments Due	TBD	
Draft Final Remaining RI/FS Areas Proposed Plan	TBD	
Comments Due	TBD	
Public Comment Period	TBD	
Draft Remaining RI/FS Areas ROD	TBD	
Comments Due	TBD	
Draft Final Remaining RI/FS Areas ROD	TBD	
Comments Due	TBD	
Final Remaining RI/FS Areas ROD Signed	TBD	

Note: Finalized documents are listed below.

- *Final Remaining Remedial Investigation/Feasibility Study Areas Management Plan, Former Fort Ord, California, Revision 0 (OE-0687E)*
- *Final Track 1 Plug-In Approval Memorandum, MRS-24A, MRS-24C, and Parcel E20c.1, Former Fort Ord, California (OE-0741A)*
- *Track 1 Plug-In Approval Memorandum, BLM-Headquarters and MRS-35, Former Fort Ord, California (OE-0740)*

02-24-12 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 – USEPA and DTSC concurrence received. FOST staffed for DASA signature.
3. December 2010 – ODASA sent FOST back to BRAC-D without signature.
4. January 2011 – ELD and OGC met with ODASA to revise FOST.
5. February 2011 – USATCES and DDESB approved FOST. ELD submitted revised FOST to ODASA for review.
6. March 2011 – Army agreed to delete descriptions of MEC hazard scores and ECP Categories from FOST.
7. April 2011 – ELD revised FOST per March meeting.
8. May 2011 – submitted revised FOST to USEPA and DTSC. USEPA stated it cannot accept changes.
9. June 2011 – after discussions with USEPA, ODASA made revisions to FOST, sent to OGC and ELD.
10. July 2011 – OGC and ELD made revisions, ODASA reviewing.
11. August 2011 – OGC responded to ODASA concerns.
12. September 2011 – revised FOST submitted to USEPA and DTSC. USEPA still finds FOST unacceptable.
13. October 2011 – USEPA sent proposed changes to FOST to Army.
14. November 2011 – conference call scheduled for 9 Dec between Army, DTSC and USEPA.
15. December 2011 – conference call ended without resolution. OGC met with DASA (ESOH).
16. January 2012 – FOST revised to remove discussion of MEC as a CERCLA hazardous substance. FOST submitted to USEPA and DTSC 30 Jan, comments requested NLT 13 Feb.
17. February 2012 – USEPA submitted written comments on FOST and stated non-concurrence on 9 Feb. DTSC comments pending. Army responses to comments in progress.

FOST 12:

1. August 2011 – USFWS submitted Biological Opinion for Transfer of Parcel E29b.3.1 (3 Aug). Army submitted letter demonstrating OPS and requesting USEPA approval (26 Aug).
2. September 2011 – USEPA approved Army's determination of OPS for OU1 remedy. Final Track 1 Plug-in Approval Memorandum issued.
3. October 2011 – USEPA approved Army's OPS determination for OUCTP Lower 180-Foot Aquifer remedy. USEPA concurred with the Final Track 1 Plug-in Approval Memorandum and DTSC acknowledged the Track 1 designation and the property requires no further action regarding munitions.
4. November 2011 – preliminary draft FOST submitted to Fort Ord BRAC and USACE for review.
5. December 2011 – BRAC and USACE comments received.
6. January 2012 – FOST revised and submitted to BRAC-D for review.
7. February 2012 – BRAC-D completed review and forwarded to ODASA for determination of signature authority and ELD for review on 9 Feb.

02-24-12 Update - Fort Ord Real Estate Actions

FOSET 4 deed amendment:

1. November 2008 – ROD for Del Rey Oaks MRA complete and signed.
2. June 2010 – Per USEPA, CERCLA Warranty cannot be issued until variance to CRUP is complete.
3. July 2010 – Del Rey Oaks submitted letter to DTSC requesting variance to the CRUP. Draft Final Remedial Design/Remedial Action Work Plan issued.
4. August 2010 – USEPA determined all remedial actions implemented and completed.
5. November 2010 – surveyor completed legal description.
6. March 2011 – Del Rey Oaks forwarded legal description to DTSC.
7. April 2011 – DTSC determined a CRUP amendment would be more appropriate than a variance.
8. July 2011 – DTSC submitted draft CRUP amendment/partial termination to Fort Ord BRAC for review and revision process.
9. August 2011 – updated draft deed amendment submitted to USACE SPK for review. DTSC and DRO signed CRUP amendment. Copy of amendment submitted to USACE for reference.
10. November 2011 – USACE SPK Office of Counsel concerned request for variance to CRUP made by DRO City Manager; however, property owned by DRO Redevelopment Agency and DTSC processed a CRUP amendment and partial termination, not a variance.
11. December 2011 – Spoke with DRO City Manager. He is also Executive Director of the Redevelopment Agency. Property is still owned by the Redevelopment Agency. DTSC Counsel unexpectedly retired.
12. January 2012 – Spoke with DTSC Counsel 9 Jan, discussed status of deed amendment, CRUP amendment, and USACE SPK Office of Counsel concerns. Forwarded copies of DRO request for variance and executed CRUP amendment to DTSC Counsel. Spoke with DTSC Counsel 23 Jan. He had spoken with DRO City Manager, who said the Redevelopment Agency will cease to exist by the end of the month and the property will transfer back to the City, after which the City will issue a new letter to DTSC requesting amendment of the CRUP.
13. February 2012 – DRO Redevelopment Agency transferred property to the City. The City sent a new letter to DTSC requesting a termination of restrictions. A copy of the letter and supporting documentation forwarded to USACE SPK 16 Feb.

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. Suggest method to address MIM request for stand alone documents, i.e. “big picture” fact sheets for each cleanup project
3. Updating all fact sheets / web site – on-going
4. 2011 Community Survey and Interviews complete. Analysis underway.
5. Complete review/analysis of 2011 Community Involvement Survey Report followed by update to Community Relations Plan

Recent Activities:

1. 11JAN Community Involvement Workshop, Marina Library
2. 12JAN Technical Review Committee, BRAC conference room
3. 23JAN Marina in Motion Public Meeting, Marina Library
4. 31JAN and 1FEB Published BLM HQ Track 1 Public Notice in Herald and Californian
5. 4FEB Bus tour for Hartnell College – Women in Science club combined with environmental classes
6. 17FEB Marshall School (kindergarten and 1st grade) UXO safety briefing
7. 23FEB Noon-1:00 p.m. BCT Conference Call on Marina in Motion meeting

Upcoming Activities

1. Complete Five-Year Review interviews (still need interview/questionnaire from Diane Ingersoll, Seaside and Scott Hudock, POM)
2. 25FEB Open House / Bus Tour
3. 25FEB meeting with Marina in Motion and BCT 9:00-9:45 a.m.
4. 15-16MAR BCT off-site meetings
5. 26MAR Marina in Motion quarterly community meeting
6. 19MAY Nature Walk Inside the Impact Area
7. 11APR Community Involvement Workshop (Topics: ESCA and Prescribed Burns, Additional Poster Stations for Site Security and MRSP)
8. To be discussed: mobile workshop “sunset walk in Impact Area” instead of August CIW (Site 39 and Landfill presentation)
9. TBD Chartwell School UXO safety briefing
10. TBD Conduct tour for Fort Ord Widow and Widowers club (POC: E. Springer)

STATUS: RESPONSE to COMMUNITY COMMENTS (RTC)

AR Number	Title/Subject	Status
1	ESCA-0249A.3, 3/12/11	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
2	OU1-591.2, 11/17/11	Marina In Motion, on the 2011 First Quarter Groundwater Monitoring Report, Operable Unit 1 Fritzsche Army Airfield Fire Drill Area
3	BW-2573A.2, 12/16/11	Marina In Motion, on the Draft Final Annual Report of Quarterly Monitoring, October 2009 through September 2010, Groundwater Monitoring Program, Sites 2 and 12, OU2, and OUCTP, Former Fort Ord, California
4	OUCTP-0051.2, 12/28/11	Marina In Motion, on the Draft Operable Unit Carbon Tetrachloride Plume, Deployment Area 1B Data Summary Report, Enhanced in situ Bioremediation Remedial Action
5	OE-0760.3, 1/31/12	Fort Ord Community Advisory Group, on the MRS-BLM Units 15 and 21 MEC Remedial Action, Technical Memorandum, Former Fort Ord, California

24 Feb 2012

Options for Track 2 MR RI/FS, MRS-34 (FAAF)

Site description

- 70.5 acres within Parcel L5.1.1.
- Identified as “Practice Bazooka & Rifle Grenade” in a 1946 Master Plan map.
- Subsequent military training uses do not appear to involve use of military munitions.
- Part of the “1940 and later” property acquisition; the airfield was constructed in the early 1960’s.
- Designated for business park/light industrial/office/R&D, with golf course opportunity and hotel opportunity, in the 1997 Fort Ord Reuse Plan.
- Designated development parcel in the 1997 HMP.

Investigation history

1994 - Site boundary was determined based on site reconnaissance by UXB.

1994 - 3-ft removal conducted by UXB (UXB 11/1/1995; OE-0106). Described later in the USA report “...twenty three (23) live 2.36” antitank (AT) rockets, one (1) live rocket motor and five (5) demolition charges were discovered.... Because at that time all suspected UXO were destroyed by detonation, it is unknown whether the 2.36” rockets found during this operation and reported “live” were actually high explosive antitank rockets which should be classified as UXO or if they were practice rockets which would have been classified as ordnance scrap.”

1997 - Phase 1 EE/CA recommended no further action based on the completed 3-ft removal action (Earth Tech 9/18/1997; OE-0029). Agency review/comments incorporated.

1998 - Revised Amendment to Land Disposal Site Plan recommended unrestricted use for OE-34 based on the completed 3-ft removal action and maximum penetration depth of 0.4 feet in sand for 2.36-in rockets (Army 2/25/1998; OE-0553.10).

1998 - DDESB approved unrestricted use for OE-34 (DDESB 3/26/1998; OE-0068).

1998 - Phase 1 EE/CA Action Memorandum approved unrestricted use for 12 sites including OE-34 (Army 4/23/1998; OE-0179).

1998 - EPA letter on Phase 1 EE/CA Action Memorandum stated EPA and DTSC agreed with the Army that no further removal actions were necessary for the 12 sites identified in Action Memorandum 1 (EPA 4/28/1998; OE-0177).

1998 - Army agreed to evaluate MEC under the remedial process (November 1998).

1998 - City of Marina requested early transfer FAAF Phase II (PBC) (noted in Army 1/14/1999; FOSET-001K).

1999 - Digital geophysics conducted by Techlaw/UXB in 8 acres (13%) of OE-34, and intrusive anomaly investigation support by USA in April 1999, as part of “EPA oversight of environmental cleanup and closure of Fort Ord” (included as Appendix A in USA 5/26/2000; OE-0280A). Two MD items (an expended practice 2.36-in rocket and a ballast counterweight from a practice 2.36-in rocket) were recovered; demolition procedures were required since one of them “...could not be positively identified as practice without opening the casing to expose the filler...” No MEC item was found.

1999 - Digital geophysics conducted by USA/Parsons in 100% of OE-34, with all anomalies intrusively investigated or resolved (USA 5/26/2000; OE-0280A). Agency review/comments were incorporated into the work plan as well as AAR. 26 MD items found, including nine related to 2.36-in practice rocket. No MEC item was found.

- 1999 - Draft FOSET1 issued for public comment (Army 3/20/1999; FOSET-001A).
- 2000 - FOSET1 signed (Army 8/1/2000; FOSET-001J).
- 2000 - EPA concurrence on FOSET1 (EPA 8/8/2000; FOSET-001P).
- 2001 - Deed for L5.1.1 was recorded (Army 10/12/2001). Included notice of potential for OE, procedure for reporting ordnance discovery, suitable uses, and requirement for RI/FS. The deed included FOSET1 as an exhibit and included the CRUP by reference. FOSET1 includes environmental response obligation addendum (EROA).

Suitable uses:

- The deed restricts the use of the property to those uses contained in the FOEST and CRUP; "...the property is suitable for early transfer only for the intended use as a business park, airport support, and related infrastructure modifications, to include timeshare and vacation club rooms, spa, health, athletic and related facilities, commercial recreation, employee recreation facilities, day care facilities and nurseries, caretaker units, and airport loft living units" (p.16);
- FOSET/EROA: "the property is suitable only for the intended use as resort hotel, golf course, business park, airport support, and related infrastructure modifications. In addition, the following uses as hereinafter described shall also be allowed provided that they do not include private landscaping or unsurfaced yard areas: timeshare and vacation club rooms, spa, health, athletic and related facilities, commercial recreation, employee recreation facilities, day care facilities and nurseries, caretaker units, and airport loft living units" (EROA p.13);
- CRUP: "...the United States Army has found that the Property is only suitable for the intended use as resort hotel, golf course, business park, airport support, and related infrastructure modifications as set forth in the FOSET, and has accordingly restricted use of the Property. It is specifically understood that uses which are typically ancillary to the above described uses and/or are intended for the use of guests and/or employees of those uses, are permitted, including but not limited to meeting and conference facilities, training facilities associated with hotel or resort operations, employee dining facilities, cafeterias and other eating facilities, barber and beauty shop and related service activities, business support services, and golf maintenance facilities. In addition, the following uses as hereinafter described shall also be allowed provided that they do not include private landscaping or unsurfaced yard areas: timeshare and vacation club rooms, spa, health, athletic and related facilities, commercial recreation facilities other than the golf course, employee recreation facilities, day care facilities and nurseries, caretaker units, and airport loft living units. Uses inconsistent with those described in this section are prohibited without written approval of the Covenantor and the Department" (Article IV).

Draft RI/FS status

- Draft Remedial Investigation report recaps the site investigation and regulatory history above.
- Draft Risk Assessment uses Fort Ord MEC Risk Protocol and indicates that, on the basis of removal actions that have been completed, and agency participation in the development of work plans as well as the review of the removal results, the overall MEC risk score is A (lowest risk) for all receptors (receptors include recreational user, indoor and outdoor workers, and construction worker).

Options for FS

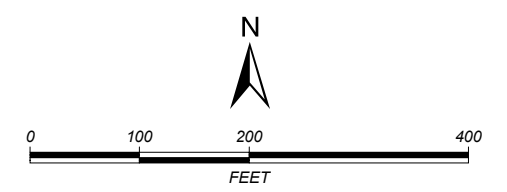
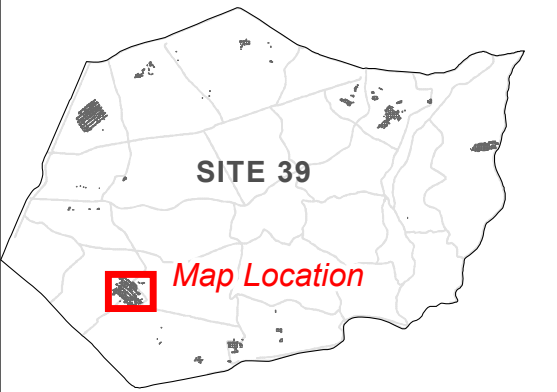
- On the basis of (a) completed 3-ft removal action in 1994 (100% site coverage; shallow penetration depth for 2.36-in rockets [0.4 ft]; uncertainty regarding the status of MEC “it is unknown whether the 2.36” rockets...were actually high explosive antitank rockets ...or if they were practice rockets...”); (b) subsequent EPA investigation (13%) and 100% repeat subsurface removal incorporating digital mapping, in which no MEC was discovered; and (c) the risk assessment; the RI and RA support the position that no actionable risk is identified for MRS-34, and MEC is unlikely to remain at the site. Therefore, reasonable precautions are recommended, such as MEC recognition and safety training for people engaging in ground disturbing or intrusive activities, which the Army provides at Fort Ord. No FS would be prepared; a “no further action” PP/ROD would be prepared.
- Regarding an RI/FS that will be prepared post-property transfer, FOSET1 stated “The Army expects that the OE RI/FS process will involve re-examination of historical information, evaluation of detection and removal technologies, and where appropriate, field investigations. Depending on the results of these efforts, the RI phase may either lead to a No Further Action (NFA) Record of Decision (ROD) or to the preparation of a Feasibility Study (FS) with subsequent actions” (p.6).
- If an FS is required, possible remedial alternatives would be (1) no further action and (2) land use controls. Alternative 2 would include restrictions against uses other than “suitable uses” specified at the time the property transferred.

Chieko Nozaki 831-899-7372



LEGEND

- Target (1568)
- Mag and Dig Area (0.6 ac)
- Active and Passive Resotration (5.83 acres)
- 100' x 100' Grid
- Permanent Fuel Break



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.

U.S. ARMY CORPS OF ENGINEERS
SACRAMENTO DISTRICT

FIGURE NUMBER
N/A

FORMER FORT ORD
Targets within Restoration Areas
HA 26



DATE	PROJECT NUMBER	FILE NAME
02/23/2012	141234	See Footer

**Fort Ord Munitions Response BCT Meeting
Summary of Action Items (January 10, 2012)**

Action Item Description Action Party Due Date Comments

Site Security/Incident Reports/Detonations

Field Work/Removal Action Updates/FWVs

*	Provide an updated data for 8-in. projectiles (MEC) recovered in Unit 12.	Army	Next BCT meeting	
---	---	------	------------------	--

FFA Schedules and MR RI/FS

C	Request ESCA remedial investigation data from Future East Garrison and Parker Flats MRA Phase II, adjacent to BLM-North.	Army	11/18/2011	(Nov 2011) data transfer is in progress.
---	--	------	------------	--

Property Transfer

	FOSETs 4/5 CERCLA warranty and deed amendment: the Army will provide EPA and DTSC copies when final.	Army		(Sep2011) Deed Amendments for FOSET5 County North, FOSET5 Parker Flats properties and for FOSET2 properties have been provided to the agencies. Associated letters (for AR) have been provided to EPA, DTSC and FORA.
--	--	------	--	---

Ongoing Actions/Other

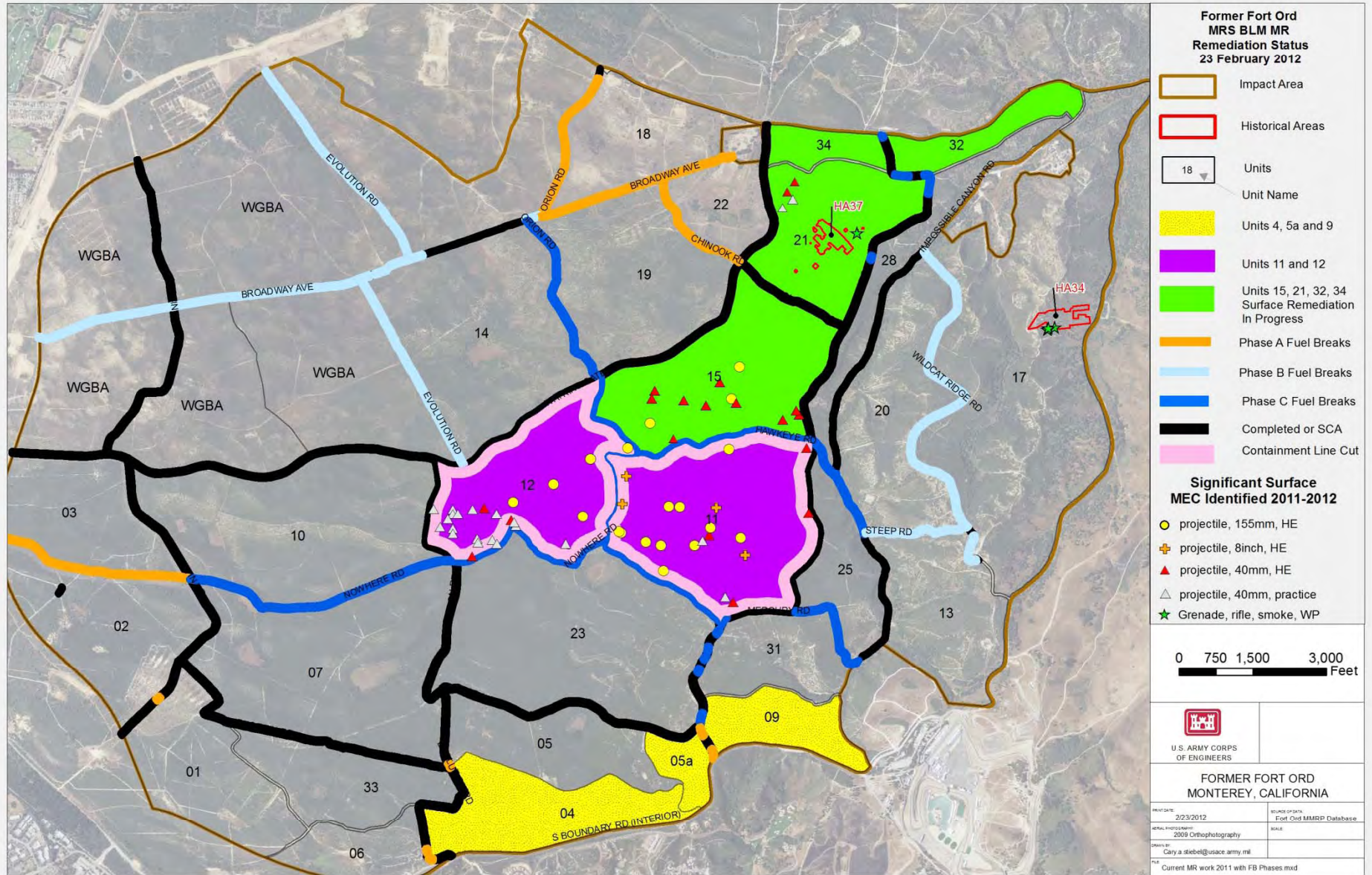
*	Distribute agenda for a February MIM meeting with the BCT to the agencies and FORA two weeks in advance.	Army	2/10/2012	
delete	Quarterly Security Program Update	Army	Quarterly	Security program update is provided monthly
	Monthly 3-month deliverables schedule review at BCT meetings	All	Monthly	The Army to work on formatting to meet agency needs.
delete	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.
delete	Arrange for agency participation in risk communication training during Fall 2011.	Army	8/31/2011 10/31/2011 TBD	(Feb2011) The training is now targeted for summer 2011. (Jun2011) Targeted for fall 2011. (Oct2011) Coordination continues.
C	Finalize MR BCT minutes from October 25.	Army	Monthly	
C	Finalize MR BCT minutes from November 8.	Army	Monthly	
*	Finalize MR BCT minutes from January 10.	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

MMRP Fieldwork Update



2/24/2012

victor.l.shurtleff@us.army.mil

MMRP Fieldwork Update

PROJECT: MRS-BLM (Track 3) Unit 15/21/32/34 (497 acres)

A Track 3 ROD MMRP action located in the north-eastern portion of MRS-BLM. . The area is scheduled for vegetation removal, technology-aided surface remediation, and subsurface remediation in selected areas. MEC remediation is complete. DGM is complete minus APC target locations and inaccessible areas (pond/slopes).

Start Date: May 2010 (prep)

End Date : October 2011

PHASES:	Start	End
Site preparation (fuel breaks/bldg. removal)	05-01-10	08-13-10
Vegetation removal		
- prescribed burn	10-07-10	10-08-10
- Post burn vegetation cutting	10-19-10	11-16-10
MEC Removal		
- Surface remediation	12-06-10	02-16-11
- Subsurface remediation, limited*	03-01-11	10-21-11
DGM (minus inaccessible areas)	03-09-11	09-30-11

ISSUES AND CONCERNS:

- * Subsurface remediation in Ranges (HAs) 37 and 34 in support of Site 39 contaminated soil excavation.
- Target (APCs) removal in progress.
- 40mm HE grenade/high anomaly density area
- TM published 12-21-11. **EPA comments received 1-31-11**

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. Fuel break action is divided into Phase A – ESS complete, no work delay, Phase B – ESS complete, no work delay, and Phase C – ESS complete, work delayed for other actions.

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 B/C)**

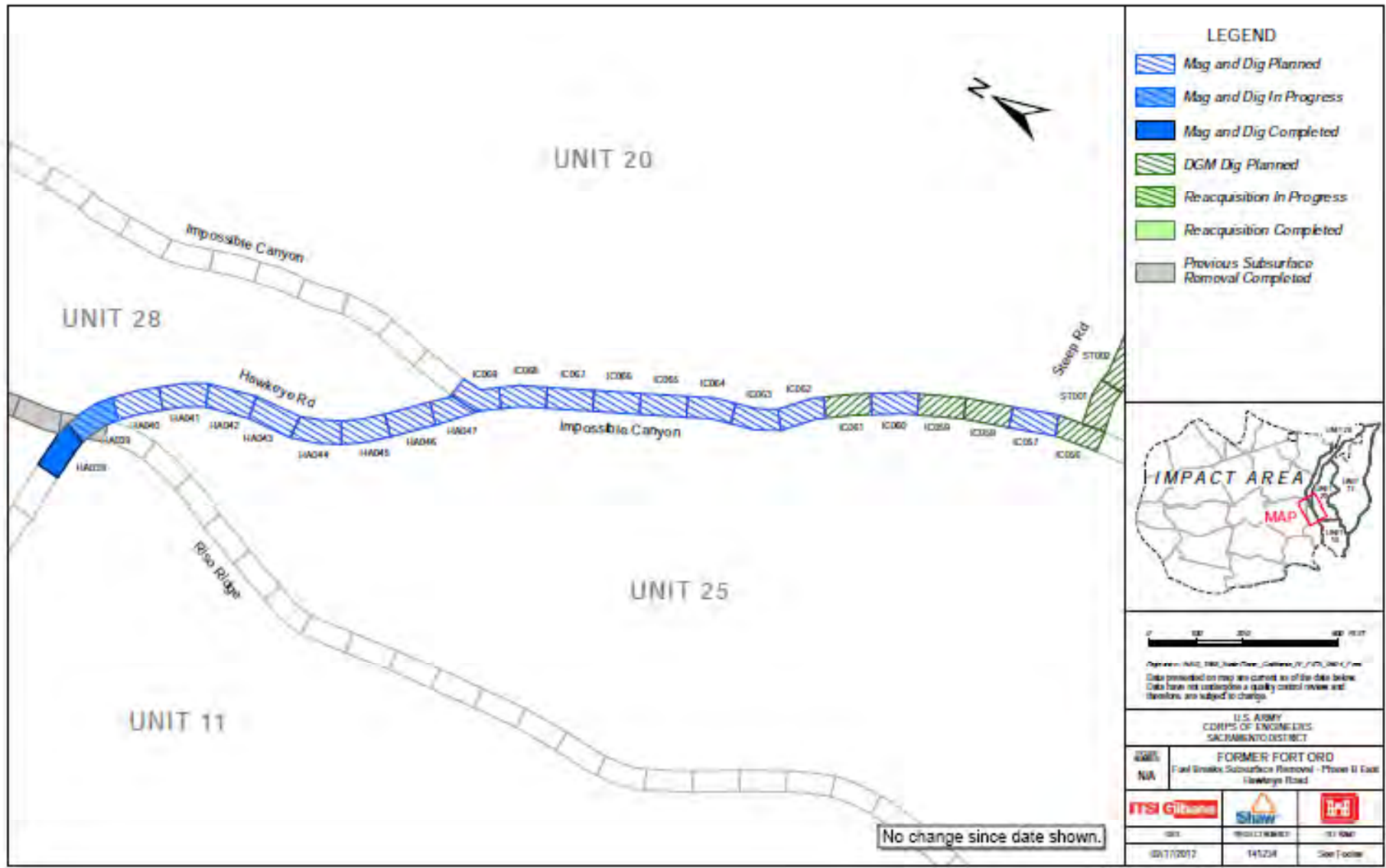
as required
01-26-12

as required
05-20-12

ISSUES AND CONCERNS:

- Fuel breaks –(Phase A (11 acres)) are complete. A report on the results will be included in a Fuel Break Remedial Action Report with completion of Phases B and C.

Fuel Break Phase B



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 surface remediation, subsurface MEC remediation in selected areas, and digital geophysical mapping (DGM). SSWP complete. ESS complete. Heavy artillery UXO discovered on Units 11 and 12 required action safety distances beyond appropriate prescribed burn applications. Prescribed burning of these units was cancelled. Vegetation in Units 11/12 cut as alternative to prescribed burn. Work on Units 5A and 9 not currently scheduled.

Start date: July 2011

Estimated end date : June 2012

PHASES:

Site preparation

	Start	End
- Cutting of containment lines (Units 11/12)	05-04-11	06-08-11
- Surface Remediation (containment lines Units 11/12)	05-02-11	12-15-11

Vegetation removal

- Cutting: Interior Units 11/12	08-29-11	01-06-12
Unit 4	01-05-12	01-29-12

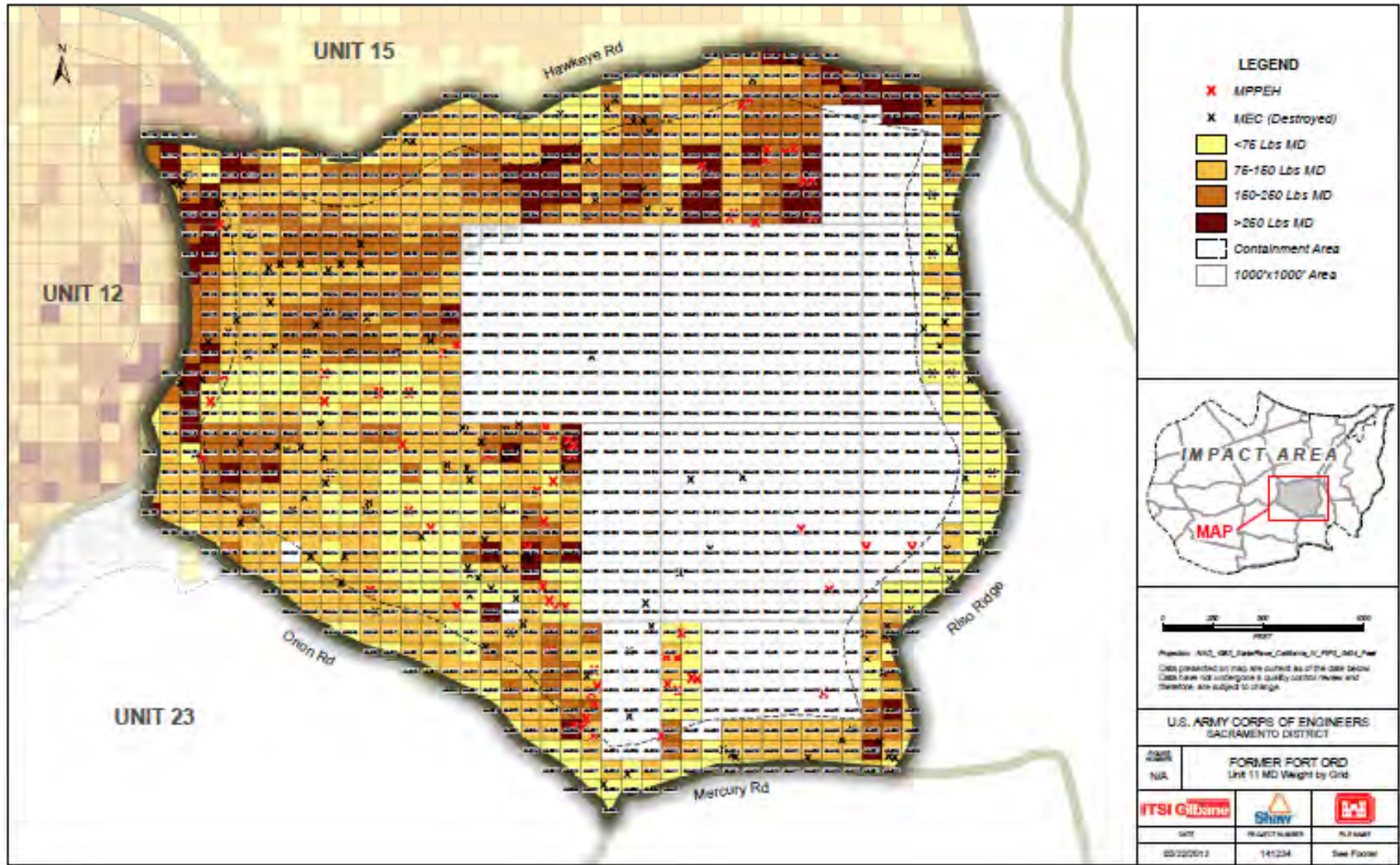
DGM Unit 11 at 30% complete	01-13-12	<i>01-19-13</i>
-----------------------------	-----------------	-----------------

MEC Removal

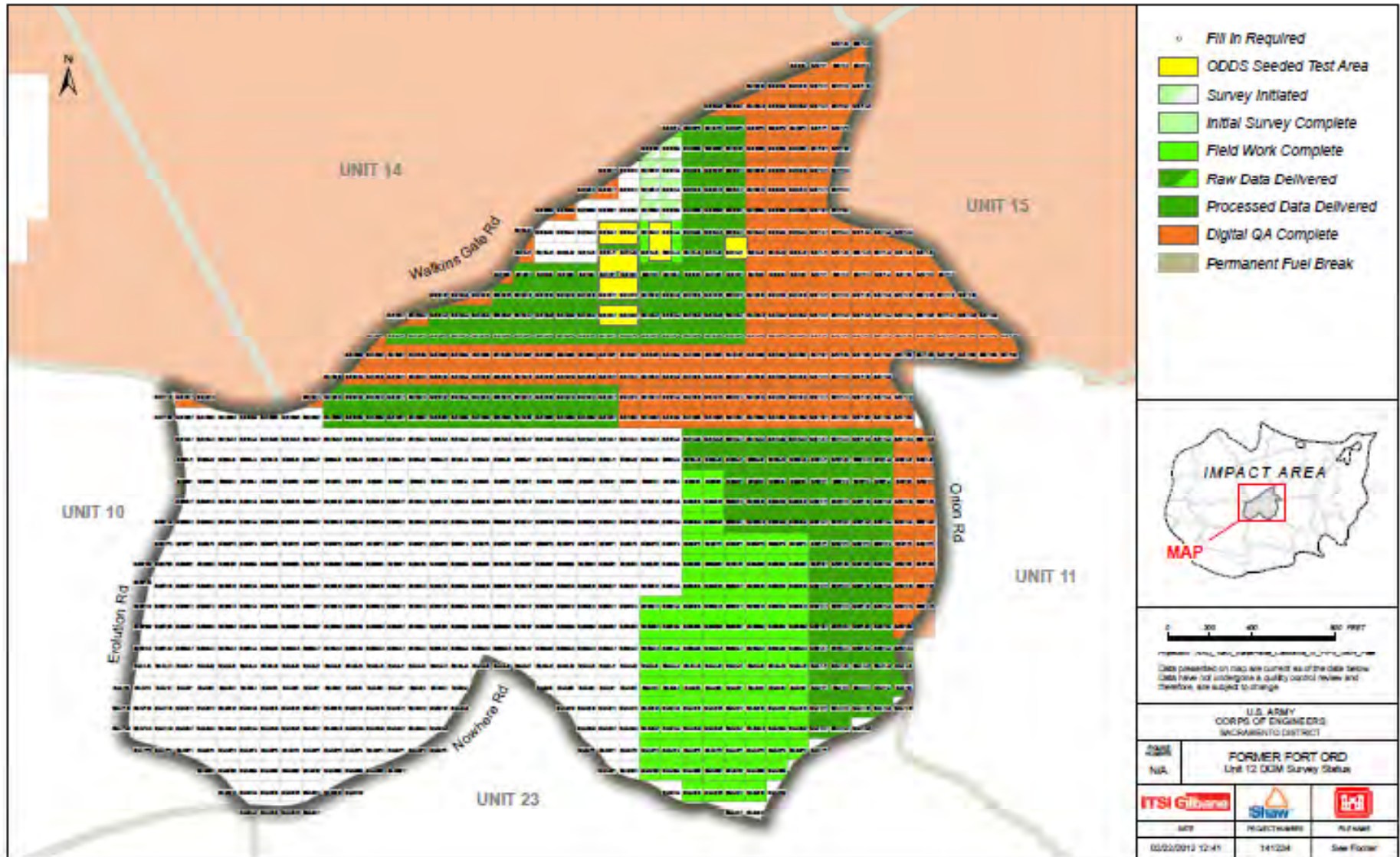
- Surface remediation (interior)		
Units 11/12 at 75% complete	10-06-11	<i>04-21-12</i>
Unit 4 at 33% complete	09-23-11	<i>04-21-12</i>
- Subsurface remediation (as required)	TBD	

ISSUES AND CONCERNS:

Unit 11



Unit 12



File Path: C:\Fwd_Old_080511_COPM_Old\mxd\Project\141224_020212.mxd

MMRP Fieldwork Update

PROJECT: MRS-BLM (Track 3) Units 7/10

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: 2012 Estimated end date : 2013

PHASES:	Start	End
---------	-------	-----

Site preparation

- Cutting of containment lines
- Surface Remediation of containment lines

Vegetation removal

- Prescribed burn of interior

DGM

MEC Removal

- Surface remediation of interior
- Subsurface remediation, limited

ISSUES AND CONCERNS:

- Alternative Units are 25 and/or 31

MMRP Fieldwork Update

Unexploded Ordnance (UXO) / Discarded Military Munitions (DMM) /
Material Potential Presenting Explosive Hazard (MPPEH), Munitions Debris (MD), and Range Related Debris (RRD)
Summary

Detonations	Location	items	Result	
Units 4/23/11/12/FB			UXO	MD
25 January	Hawkeye/Riso Ridge	166	118	48
8 February	Hawkeye/Riso Ridge	62	62	0
16 February	Hawkeye/Riso Ridge	68	39	29

Cumulative totals

Remediation	MPPEH/UXO/DMM Items	MD lbs	RRD lbs
Units 15/21/32/34	0/54/7	32,011	33,312
HA 37	0/61/0	2,485	14
HA 34	0/1/0	26	19
Units 11/12	46/464/2	118,877	14,964
FBs (all phases)	0/54/0	887	236
Units 4, 23	14/6/0	212	2,313

MMRP Site Security Program

- Trespass Incidents:
 - Last 30 days: **1**-Evidence of Trespass Year to Date: **1** (**Contractor discovered motorcycle /ATV tracks on Riso Ridge Rd. in the impact area Jan 11. Watkins Gate East Gate found open Jan 12. FORA Hilby Gate found open (lock cut) and equipment vandalized and stolen Jan 12.**)
- MEC Incidents:
 - Last 30 Days: **1** Year to Date: **1** (BLM reported 81mm MD in Unit 14 on Jan 11)
- Community Education:
 - Total recipients in 2011: **279**
- MEC Rec and Safety Tng:
 - Total personnel trained in 2012: 0
- Other:
 - **Annual surface monitoring began February 2012.**
 - **Annual MRS Security Program Committee meeting will be 10:00a.m. Feb 28 at the BRAC conference room.**