

SUBJECT: MR BCT Meeting
January 14, 2010
BRAC conference room

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MR BCT Meeting Agenda

January 14, 2010

Item	Action	Comment
Property Transfer	Update	
ESCA Update (FORA)	Update	
Fieldwork Update	Update	<ul style="list-style-type: none">- E20c.1- Units 18/22- Unit 14- Unit 19
Site Security Program	Update	
Track 3 Update	Update	<ul style="list-style-type: none">- In progress units- 2010 planned burn units- Non-burn areas- Annual inspection of surface removal areas
Remaining RI/FSs	Update	
Track 2 DRO MRA RD/RAWP	Update	
Report Status	Update	
FFA Schedule	Update	
Action Items	Update	
Next BCT meeting	Schedule	

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**Please advise us if you will be participating by phone.*

18 Nov 09

Updates on the cancelled 16Nov Fort Ord MR BCT agenda items

Property transfer: Information provided at 17Nov HTW BCT is as follows: FOST11 is in Army review. FORA has completed the surveys that were needed to complete the FOSET5 deed amendments, however USACE and FORA attorneys are working on minor text changes.

ESCA update: As discussed during the ESCA meeting on 16Nov.

Fieldwork update: See slides e-mailed on 13Nov.

- E20c.1 geophysical investigation (as described in Fieldwork Variance TII-032 <http://www.fortordcleanup.com/adminrec/arsearchresultsdocs.asp?id=AR-OE-0619C.2&no=OE-0619C.2>): The DGM investigation fieldwork in 0.3-acre area within the area that was seen as cleared of vegetation in historical aerial photographs was completed in Oct. Recovered items were mainly MD associated with hand grenades (practice grenade bodies, fuzes, and fragments from HE grenades) and cultural debris. No MEC item was found. A DGM figure, a picture of recovered items and a list of recovered items are attached. The Army is evaluating the information and the conceptual site model.

Site security program: See slides e-mailed on 13Nov. The follow-up report on 29Aug MEC incident (associated with the Oscar Fire) is now available for download at [ftp://ftp.shawgrp.com/2009-08-29 MEC Incident Report](ftp://ftp.shawgrp.com/2009-08-29%20MEC%20Incident%20Report) (username: fortord.ftp) (password: 7d5e2xx) (if clicking on the file gives you an error message, try "save as" or "copy to folder").

Track 3 update: See fieldwork slides for status of in-progress units. 2010 planned units are tentatively Units 21 and 15. The Army is expecting to be provided comments from DTSC on the Draft Final Site Specific Work Plan for the Non-Burn Areas (DTSC planned to provide on 16Nov). The Army seeks agency feedback on the report on 2009 inspection of previous surface removal areas, which was made available to the agencies electronically last month.

- Technical memorandum for Units 18 & 22: discussion was delayed to a conference call on 24Nov at 0900. Submittal of the document is delayed to 24Nov.

Remaining RI/FSSs: The Army received comments from EPA on Draft Final Management Plan for the project. The Army is expecting to receive comments from DTSC (DTSC planned to provide on 16Nov). After the receipt of DTSC comments, the Army will develop responses to comments and coordinate with the agencies before the plan is finalized. A technical memorandum for site assessment in one of the geographical areas will be issued shortly after that.

- The Army would like an opportunity to discuss the following EPA comments with the agencies:

- MRS-14E: EPA commented that discovery of an insufficiently identified MEC item disqualifies the site as Track 1 without a specific boundary for the portion to be designated as such, and justifications for the boundary. Our intent is to gain additional information from the planned Site Assessment fieldwork to be able to delineate a boundary. Therefore, at this stage of the project, we feel it is appropriate to

consider Track 1 and Track 2 for portions of the site. Division would be delineated based on further evaluations post-Management Plan.

- MRS-14C: EPA commented that taking of a removal action designates the site as a Track 2 site. We do not disagree that the site meets this Track 2 definition, however, it could also meet the Track 1 definition based on an evaluation of site use and investigation history. Therefore the Army would like to take advantage of the Track 1 plug-in process if it is still appropriate for the site based the planned Site Assessment and further evaluation.

- MRS-32C: Similar to MRS-14C...if the site (including the removal grids) meets Track 1 definition based on site use and investigation history, the Army would like to take advantage of the Track 1 plug-in process. The site will be further evaluated.

Track 2 DRO MRA RD/RAWP: The Army is in discussion with the City of Del Rey Oaks to encourage the property reuser involvement in the development of the RD/RA work plan.

Report status: See attachment.

FFA schedule: No revision is necessary at this time.

Action items: Attached.

Next meeting: Scheduled for 14 Jan 2010 at 1330.

*

Chieko Nozaki 831-899-7372

	<u>Deliverable</u>	<u>Version</u>	<u>Proposed Issue Date</u>	<u>Issue Date Status</u>	<u>Comments Due</u>	<u>Note:</u>	
Remaining RI/FS Areas	1 Munitions Response Remaining Areas RI/FS Work Plan (Management Plan)	Draft	Apr-30-09	Issued	Jun-30-09	Comments received from EPA (7/1)	
		Draft Final	Aug-28-09	Issued	Nov-16-09	Comment received from EPA (11/5). DTSC will not comment (per 12/2 comm).	
		Final			TBD		
	2 BLM-East/Post 1940 (Southern Portion) Technical Memorandum - Site Assessment Approach	Draft			TBD		
		Draft Final			TBD		
		Final			TBD		
	3 Track 1 Plug-In Approval Memorandum Parcel E20c.1	Draft			TBD		
		Draft Final (public review)			TBD		
		Final			TBD		
Track 3 Impact Area MRA	4 MRS-BLM Units 18 and 22 (2008 Units) Interim Technical Memorandum	--	Nov-24-09		Jan-14-10	Within 45 days of completion of DGM (10/2); delayed due to Unit 19 burn & BCT mtg cancellation. BCT discussion 1/14/2010	
	5 MRS-BLM Units 18 and 22 (2008 Units) Remedial Action Report	Draft	Aug-31-10		Oct-04-10	60 days after MEC remedial actions are complete	
		Draft Final	Nov-03-10		Dec-07-10		
		Final	Jan-06-11				
	6 MRS-BLM Units 14 and 19 (2009 Units) Prescribed Burn 2009 After Action Report	Draft	Mar-15-10		Apr-18-10	Will include air monitoring/site security/community notification reports	
		Draft Final	May-18-10		Jun-21-10		
		Final	Jul-21-10				
	7 MRS-BLM Units 14 and 19 (2009 Units) Interim Technical Memorandum	--			TBD	Within 45 days of completion of DGM	
	8 MRS-BLM Units 14 and 19 (2009 Units) Remedial Action Report	Draft	Aug-31-11		Oct-04-11	60 days after MEC remedial actions are complete	
		Draft Final	Nov-03-11		Dec-07-11		
		Final	Jan-06-12				
	9 MRS-BLM Units 15 and 21 (2010 Units) Prescribed Burn Plan	Draft	Feb-15-10		Mar-21-10		
Draft Final		Apr-20-10		May-24-10			
Final		Jun-23-10					
10 MRS-BLM Burn Units 15 and 21 (2010 Units) SSWP MEC Remedial Action	Draft	Feb-15-10		Mar-21-10			
	Draft Final	Apr-20-10		May-24-10			
	Final	Jun-23-10					
11 Non-Burn Areas SSWP MEC Remedial Action	Draft	Apr-09-09	Issued	Jun-05-09	Comments received from EPA (6/3)		
	Draft Final	Sep-28-09	Issued	Nov-16-09	Comments received from EPA (10/30). DTSC verbal comments 12/2, letter expected.		
	Final	Jan-15-10					
12 Surface removal areas Annual inspection report (2010)	--	Jun-30-10					

Fort Ord MMRP Report Status
14 Jan 2010

	<u>Deliverable</u>	<u>Version</u>	<u>Proposed Issue Date</u>	<u>Issue Date Status</u>	<u>Comments Due</u>	<u>Note:</u>
Land Use Controls & Other	13 Track 2 Del Rey Oaks RD/RAWP	Draft	Jan-31-10		Apr-01-10	
	14 Track 2 Parker Flats (three parcels) Annual Monitoring Report (2010)	Draft Final Final	May-01-10 Jun-30-10		May-31-10	
	15 Site Security Program Annual Report (2010)	--	Mar-31-10		Feb-28-10	

Property Transfer Update 01-14-10 MR BCT.docx

FOST 10 deeds:

1. July 2009 – eight of ten deeds and three CRUPs recorded, 594 acres transferred.
2. Transfer of Parcel L3.2 (101.19 acres) on hold pending agreement between York School (recipient) and Monterey County (license to cross South Boundary Road). York and County reps to conduct site walk in January.
3. Parcel L23.5.2 (and adjacent FOST 9 Parcel L23.5.1) was designated for public benefit conveyance (PBC) to Monterey Peninsula College (MPC); however, Department of Education withdrew request for assignment to MPC and is working on a new assignment for Chartwell School. Property vandalized and used by Seaside police for unauthorized training activities.

FOST 11:

1. Parcels L2.3 and L2.4.1 in Parker Flats MRA.
2. September 2009 – Draft FOST issued to Army Environmental Law Division (ELD) and Army BRAC. Comments requested by October 16; ELD is reviewing this week.
3. Draft MEC-related CRUP scheduled to be issued to Army ELD and BRAC for review after receipt of comments on FOST.

FOSET 2 deed amendments:

1. October 2008 – Five deed amendments were issued to FOSET 2 property recipients for signature: Monterey-Salinas Transit, City of Marina, City of Seaside, UC, and CSUMB.
 - a. Sixth deed amendment for Parcel L37 not drafted.
 - b. Some recipients expressed concern about deed amendment language, including the “hold harmless” provision.
2. December 2009 – USACE revised/drafted all six deed amendments using FOSET 5 deed amendments as template. Fort Ord BRAC Office reviewed and commented.
3. January 2010 – USACE preparing to resubmit deed amendments to property recipients for signature.

FOSET 4 deed amendments:

1. ROD for Del Rey Oaks MRA complete and signed.
2. One deed amendment issuing the CERCLA Warranty drafted, but finalization pending completion of RD/RAWP (LUCIP).

FOSET 5 deed amendments, Parker Flats MRA:

1. June 2009 – three draft deed amendments issuing the CERCLA Warranty for Parker Flats Munitions Response Area drafted and submitted to USACE and FORA to start review cycle.
2. November 2009 – review/revisions complete, FORA signed deed amendments.
3. December 2009 – USACE began compiling signature packages for Scott Whiteford, Director of Real Estate, USACE HQ.

FIELD WORK VARIANCE

Project Name/Number Fort Ord / 846075 CTO/WAD CTO 16 / WAD 02
 Applicable Document: Draft Final Work Plan, E20c.1 Date: 01/12/10
 Investigation, Former Fort Ord, California,
 Revision 0

Problem Description:

MKII Hand Grenade fragments have been found in the E20C.1 site, but no intact grenades have been found. Investigation has not been completed in the vicinity of MRS 24C, specifically an area shown to be cleared of vegetation in historical aerial photos, and which may have been a grenade training area, based on size and configuration of cleared area (See Figure attached). Visual and geophysical inspections in this area have found grenade fragments, grenade safety levers and pins. Additional information is needed to show that there are no live hand grenades in the area and to support completion of CERCLA documentation.

Recommended solution:

Conduct 0.5 acre DGM investigation with EM61 at E20c.1. The EM61 has been shown to be effective at detecting intact grenades at shallow subsurface depths (approximately 1 ft). This area is the southern 0.5 acres of the area cleared of vegetation in historical aerial photos, and is at the top of a slope. Previous area investigated was at the bottom of a slope and was determined to be the most likely to contain live hand grenades if any are present.

Impact on present and completed work:

None.

Requested by: Kevin Siemann

Recommended revisions to the plan:

Incorporate this FWV as an appendix to the existing Draft Final Work Plan. DGM field procedures and data management will be the same as included in the Draft Final Work Plan.

Clarification Minor Change X Major Change

Affects Budget Yes X No

Affects Schedule Yes X No

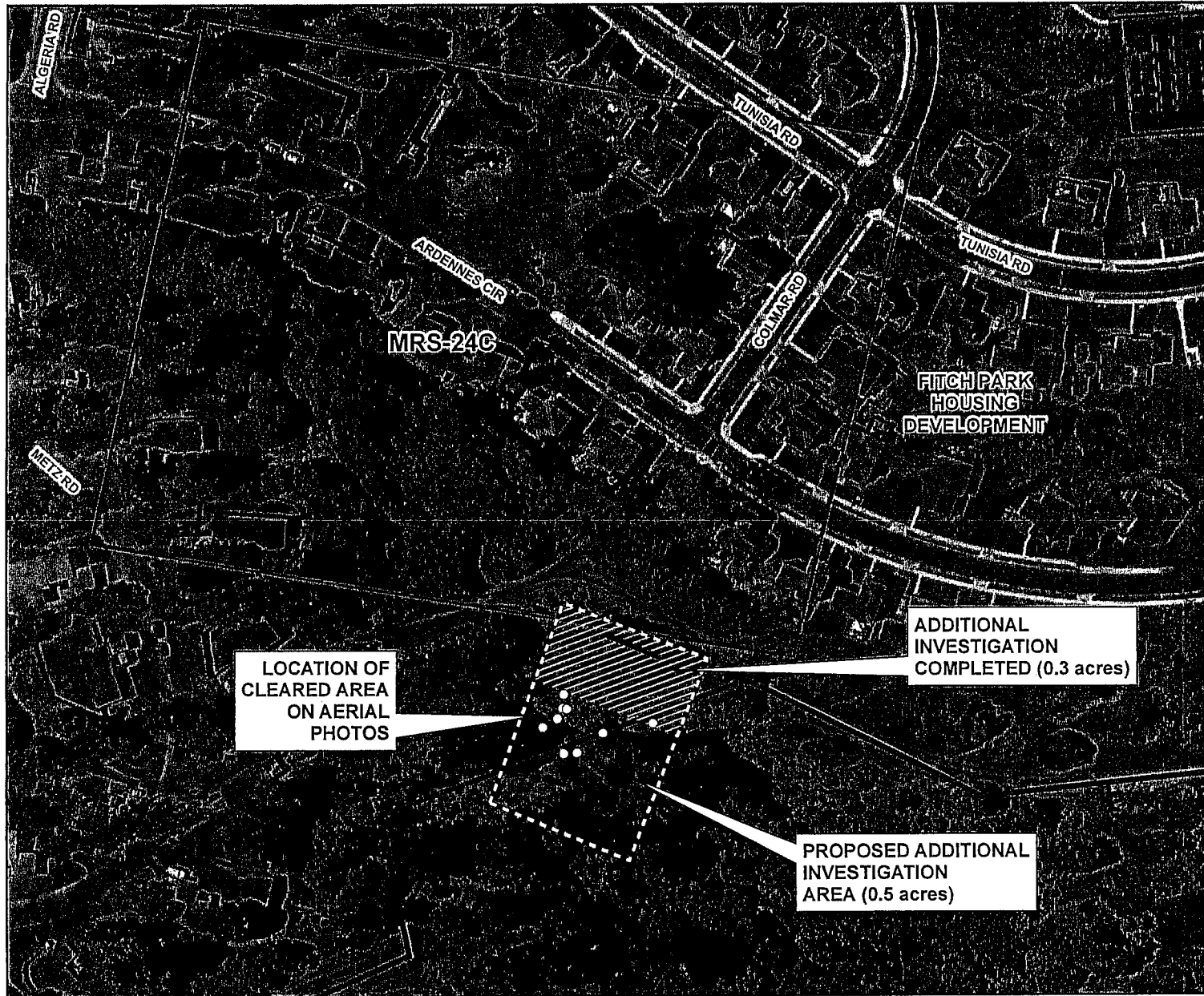
Signature [Signature] Date 11/12/10
 Technical Reviewer

Shaw Approvals:






Signature Tom The Date 1-13-10 Signature Peter Kelsall Date 1/13/2010
Digitally signed by Peter Kelsall, DN: cn=Peter Kelsall, o=Shaw EM, ou=Shaw EM, email=peter.kelsall@shawem.com, c=US
 Signature [Signature] Date 1-13-10 Signature [Signature] Date 1/13/2010
 UXOQCS SUTAS 1-13-10 Project Geophysicist

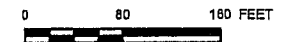
USACE Approval: If Major Change:


Signature	HUCKINS.CLINTON JOHN.1071096765 OE Safety Specialist	Date		Signature	<u>[Signature]</u> USACE COR or TM	Date	1/14/10
Signature		Date					
	USACE Geophysicist						



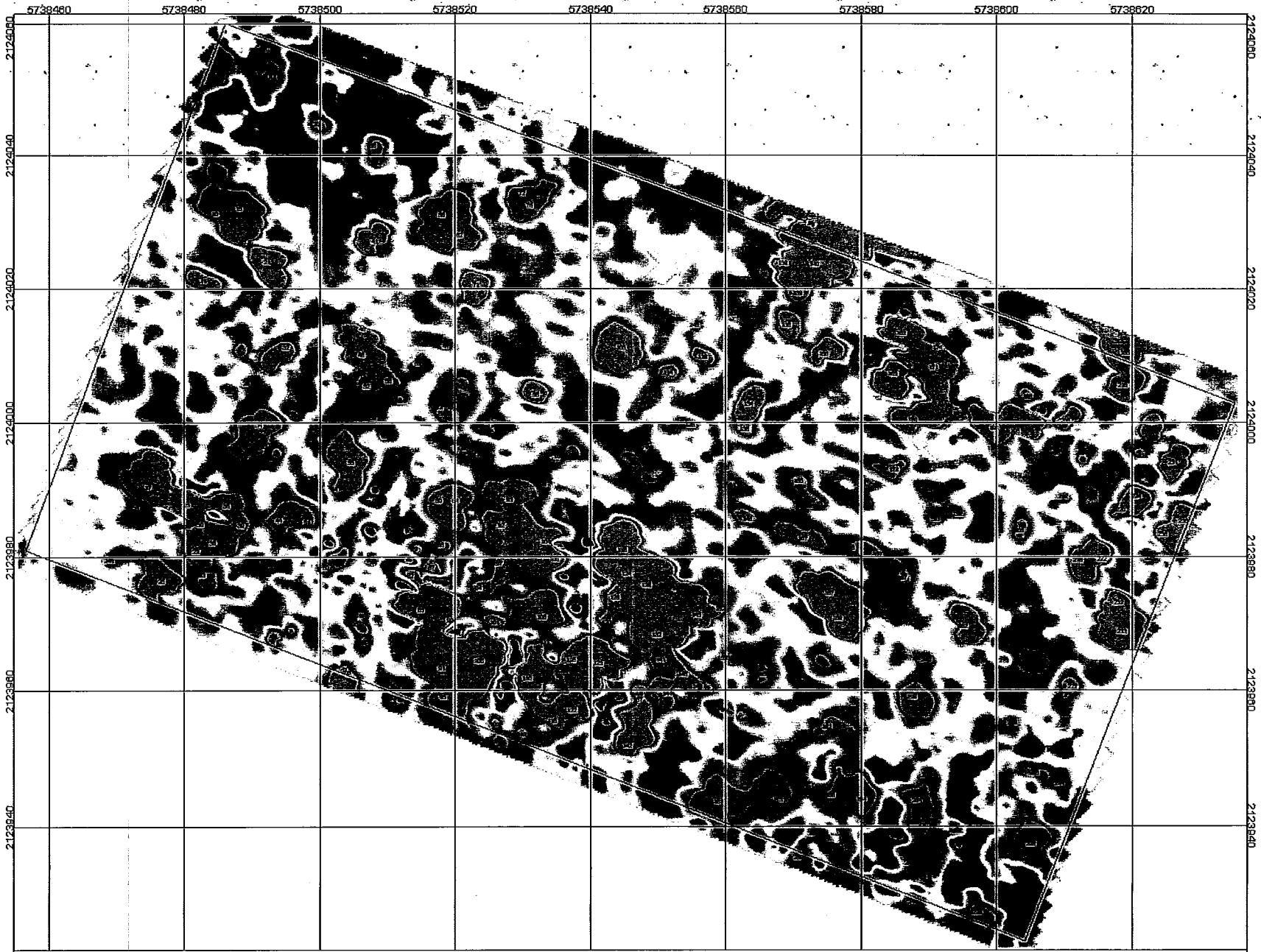
Legend

-  E20c1 Parcel
-  Munitions Response Site (from ASR)
-  Cleared Area (from Aerial Photo)
-  Top of Berm
-  Grenade Safety Level - MD



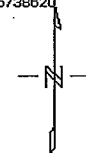
REVISION	DATE	DESCRIPTION	CHKD	APPD
 Department of the Army Sacramento District, Corps of Engineers Sacramento, California				
DESIGNED:		FIGURE 1		
K. SIEMANN		PROPOSED E20c.1 ADDITIONAL INVESTIGATION AREA		
DRAWN:		FORMER FORT ORD, CALIFORNIA		
K. BLACK				
CHECKED:				
SUBMITTED:		DATE	SCALE	SPEC. No.
		SHEET	FILE No.	
			E20c1_addl_investigation.mxd	





US survey foot
NAD83 / NAD 1983 StatePlane California IV FIPS 4004 Feet

E20C.1 Additional Area DGM



14 Jan 2010

Fort Ord MMRP FFA Schedule Updates – Summary

Track 2 Parker Flats:

- Updated the schedules for the Third Five Year Review Report.

Track 2 Del Rey Oaks:

- Delayed the draft RD/RA Work Plan issue date to February 2010. Updated the schedules for the Third Five Year Review Report.

Interim Action:

- Added the schedules for the Third Five Year Review Report.

Track 3 Impact Area:

- Added the schedules for Units 15, 21, 32 & 34 prescribed burn plan & site-specific work plan.
- Updated the schedules for Units 18 & 22 Technical Memorandum.
- Added the schedules for Units 14 & 19 Technical Memorandum.
- Added the schedules for Completer Units – 2009 burns (Units 14 & 19) prescribed burn after-action report and MR after-action report.
- Added the schedules for Non-Burn Areas after-action report.
- Added the schedules for the Third Five Year Review Report.

Remaining Areas:

- No change – did not add Third Five Year Review since ROD is not complete.

**Track 2 Parker Flats MRA
 Former Fort Ord
 DRAFT**

Deliverable/Event	Current Deadlines (Previous Deadlines)	Deadline Revision Rationale
Draft Remedial Action/Remedial Design Workplan*	11/08	
Comments Due	2/09	
Draft Final Remedial Action/Remedial Design Workplan	3/09	
Comments Due	4/09	
Final Remedial Action/Remedial Design Workplan	5/09	
Draft Third Five Year Review, Fort Ord Superfund Site	3/12 (4/12)	Adjusted for consistency with the project schedule.
Comments Due	5/12 (6/12)	“
Draft Final Third Five Year Review, Fort Ord Superfund Site	6/12 (7/12)	“
Comments Due	7/12 (8/12)	“
Final Third Five Year Review, Fort Ord Superfund Site	8/12 (9/12)	“

* Remedial Action /Remedial Design Workplan for parcels - F2.6, L2.3, L2.4.1

**Track 2 Del Rey Oaks MRA
 Former Fort Ord
 DRAFT**

Deliverable/Event	Current Deadlines (Previous Deadlines)	Deadline Revision Rationale
Draft Remedial Action/Remedial Design Workplan	2/10 (1/10) <i>March</i>	Additional time is needed to coordinate with the reuser.
Comments Due	4/10 (3/10)	Reflects the change above.
Draft Final Remedial Action/Remedial Design Workplan	5/10 (4/10)	"
Comments Due	6/10 (5/10)	"
Final Remedial Action/Remedial Design Workplan	7/10 (6/10)	"
Draft Third Five Year Review, Fort Ord Superfund Site	3/12 (4/12)	Adjusted for consistency with the project schedule.
Comments Due	5/12 (6/12)	"
Draft Final Third Five Year Review, Fort Ord Superfund Site	6/12 (7/12)	"
Comments Due	7/12 (8/12)	"
Final Third Five Year Review, Fort Ord Superfund Site	8/12 (9/12)	"

**Interim Action Remedial Design/Remedial Action
 Former Fort Ord
 DRAFT**

Deliverable/Event	Current Deadlines (Previous Deadlines)	Deadline Revision Rationale
Draft After Action Burn Report Ranges 43-48	4/04	
Comments Due	5/04	
Draft Final After Action Burn Report Ranges 43-48	6/04	
Comments Due	7/04	
Draft Interim Action MR Technical Information Paper Ranges 43-48	5/06	
Comments Due	7/06	
Draft Final Interim Action MR Technical Information Paper Ranges 43-48	8/06	
Comments Due	9/06	
Draft Site Specific Plans for MRS-16	3/06	
Comments Due	5/06	
Draft Final Site Specific Plans for MRS-16	6/06	
Comments Due	7/06	
Draft After Action Burn Report MRS-16	3/07	
Comments Due	4/07	
Draft Final After Action Burn Report MRS-16	4/07	
Comments Due	5/07	
Draft Interim Action MR After Action Report MRS-16	3/09	
Comments Due	4/09	
Draft Final Interim Action MR After Action Report MRS-16	5/09	
Comments Due	6/09	
Draft Third Five Year Review, Fort Ord Superfund Site	3/12	
Comments Due	5/12	
Draft Final Third Five Year Review, Fort Ord Superfund Site	6/12	
Comments Due	7/12	
Final Third Five Year Review, Fort Ord Superfund Site	8/12	

**Track 3 Impact Area Munitions Response Area
 Former Fort Ord
 DRAFT**

Deliverable/Event	Current Deadlines	Deadline Revision Rationale
Track 3 Remedial Design/ Remedial Action Work Plan		
Draft Track 3 Remedial Design/Remedial Action Work Plan	8/08	
Comments Due	3/09	
Draft Final Track 3 Remedial Design/Remedial Action Work Plan	5/09	
Comments Due	6/09	
Draft Land Use Control Implementation Plan	TBD	
Track 3 Remedial Action Site-Specific Work Plans		
Final Site-Specific Work Plan MRS-BLM Units 01-05 (includes Prescribed Burn Plan)	6/08	
Draft Prescribed Burn Plan MRS-BLM Units 18 & 22	4/08	
Comments Due	5/08	
Draft Final Prescribed Burn Plan MRS-BLM Units 18 & 22	6/08	
Comments Due	7/08	
Draft Site-Specific Work Plan MRS-BLM Units 18 & 22	6/08	
Comments Due	7/08	
Draft Final Site-Specific Work Plan MRS-BLM Units 18 & 22	8/08	
Comments Due	9/08	
Draft Prescribed Burn Plan MRS-BLM Units 14 & 19	2/09	
Comments Due	3/09	
Draft Final Prescribed Burn Plan MRS-BLM Units 14 & 19	4/09	
Comments Due	5/09	

**Track 3 Impact Area Munitions Response Area
 Former Fort Ord
 DRAFT**

Deliverable/Event	Current Deadlines	Deadline Revision Rationale
Track 3 Remedial Action Site-Specific Work Plans (cont'd)		
Draft Site-Specific Work Plan MRS-BLM Units 14 & 19	5/09	
Comments Due	6/09	
Draft Final Site-Specific Work Plan MRS-BLM Units 14 & 19	7/09	
Comments Due	8/09	
Draft Site-Specific Work Plan MRS-BLM Non-Burn Areas	4/09	
Comments Due	5/09	
Draft Final Site-Specific Work Plan MRS-BLM Non-Burn Areas	9/09	
Comments Due	10/09	
Draft Prescribed Burn Plan MRS-BLM Units 15, 21, 32 & 34	2/10	
Comments Due	3/10	
Draft Final Prescribed Burn Plan MRS-BLM Units 15, 21, 32 & 34	4/10	
Comments Due	5/10	
Draft Site-Specific Work Plan MRS-BLM Units 15, 21, 32 & 34	2/10	
Comments Due	3/10	
Draft Final Site-Specific Work Plan MRS-BLM Units 15, 21, 32 & 34	4/10	
Comments Due	5/10	
Additional Site-Specific Work Plans	TBD	

**Track 3 Impact Area Munitions Response Area
 Former Fort Ord
 DRAFT**

Deliverable/Event	Current Deadlines	Deadline Revision Rationale
Track 3 Remedial Action Site-Specific Work Plans (cont'd)		
Technical Memorandum In-progress Units - 2008 burns (Units 18 & 22)	11/09	
Comments Due	12/09	
Technical Memorandum In-progress Units - 2009 burns (Units 14 & 19)	*Within 45 days of completion of digital geophysical survey	
Comments Due	*Within 14 days of delivery	
Additional Technical Memorandums	TBD	

*Deadlines and agency review timelines for the Technical Memorandums are in accordance with the Track 3 Remedial Design/Remedial Action Work Plan.

Deliverable/Event	Current Deadlines	Deadline Revision Rationale
Track 3 Remedial Action Reports		
Draft Prescribed Burn Report Completed Units - 2008 burns (Units 18 & 22)	3/09	
Comments Due	4/09	
Draft Final Prescribed Burn Report Completed Units - 2008 burns (Units 18 & 22)	5/09	
Comments Due	6/09	
Draft Munitions Response Site Report Completed Units - 2008 burns (Units 18 & 22)	8/10	
Comments Due	9/10	
Draft Final Munitions Response Site Report Completed Units - 2008 burns (Units 18 & 22)	10/10	
Comments Due	11/10	

**Track 3 Impact Area Munitions Response Area
 Former Fort Ord
 DRAFT**

Track 3 Remedial Action Reports (cont'd)		
Draft Prescribed Burn Report Completed Units - 2009 burns (Units 14 & 19)	3/10	
Comments Due	4/10	
Draft Final Prescribed Burn Report Completed Units - 2009 burns (Units 14 & 19)	5/10	
Comments Due	6/10	
Draft Munitions Response Site Report Completed Units - 2009 burns (Units 14 & 19)	8/11	
Comments Due	9/11	
Draft Final Munitions Response Site Report Completed Units - 2009 burns (Units 14 & 19)	10/11	
Comments Due	11/11	
Draft Munitions Response Site Report MRS-BLM Non-Burn Areas	TBD	
Comments Due	TBD	
Draft Final Munitions Response Site Report MRS-BLM Non-Burn Areas	TBD	
Comments Due	TBD	
Additional Site Reports	TBD	
Draft Remedial Action Completion Report	TBD	
Five Year Reviews		
Draft Third Five Year Review, Fort Ord Superfund Site	3/12	
Comments Due	5/12	
Draft Final Third Five Year Review, Fort Ord Superfund Site	6/12	
Comments Due	7/12	
Final Third Five Year Review, Fort Ord Superfund Site	8/12	

Munitions Response - Remaining RI/FS Areas Former Fort Ord

Deliverable/Event	Current Deadlines	Deadline Revision Rationale
Munitions Response - Remaining RI/FS Areas		
Draft Remaining RI/FS Areas Remedial Investigation/Feasibility Study Work Plan	4/09	
Comments Due	6/09	
Draft Final Remaining RI/FS Areas Remedial Investigation/Feasibility Study Work Plan	8/09 (7/09)	Additional time is needed to address agency comments.
Comments Due	9/09 (8/09)	Reflects the change above.
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	

1/14/2010
MREBCT

Table 1-2
Air Monitoring Results, Prescribed Burn, Burn Unit 14
Particulate Matter less than 10 microns (PM-10)
Burn Day 1 (October 6-7, 2009)

Sample Number	Lab ID	Site	Run Time (mins)	Sample Volume (L)	mg/sample	mg/m ³	µg/m ³	24 hr total (µg/m ³)*
Preselected Sites								
17762	0910342-05	PS-1 Marshall	480	2412.00	0.10	0.04	41	41
17770	0910342-14	PS-1 Marshall	960	4824.00	0.20	0.04	41	
17767	0910342-04	PS-2 Manzanita	481	2400.19	0.14	0.06	58	47
17775	0910342-13	PS-2 Manzanita	961	4795.39	0.20	0.04	42	
17760	910342-03	PS-3 Ingham	491	2455.00	0.06	0.02	24	23
17768	0910342-12	PS-3 Ingham	961	4805.00	0.11	0.02	23	
17761	0910342-02	PS-4 Del Rey Woods	480	2388.00	0.10	0.04	42	43
17769	0910342-11	PS-4 Del Rey Woods	955	4751.13	0.21	0.04	44	
17766	0910342-01	PS-5 Buena Vista	452	2273.56	0.09	0.04	40	39
17774	0910342-10	PS-5 Buena Vista	976	4909.28	0.19	0.04	39	
Candidate Sites								
17763	0910342-08	CS-3 Salinas FD Laureles	487	2439.87	0.08	0.03	33	29
17771	0910342-17	CS-3 Salinas FD Laureles	957	4794.57	0.13	0.03	27	
17764	0910342-06	CS-6 City of Monterey	480	2395.20	0.09	0.04	38	29
17772	0910342-15	CS-6 City of Monterey	958	4780.42	0.12	0.03	25	
17765	0910342-07	CS-6 City of Monterey, Duplicate	480	2392.80	0.10	0.04	42	35
17773	0910342-16	CS-6 City of Monterey, Duplicate	958	4775.63	0.15	0.03	31	
17782	0910342-09	WHFB-1 SHAW (10/6-10/6)	480	2395.2	ND	<0.02	<20	NA
17716	0910342-26	WHFB-2 SHAW (10/7-10/7)	480	2395.2	ND	<0.02	<20	
17708	0910342-27	WHLB-4 MEC (10/7-10/7)	N/A	N/A	ND	N/A	N/A	
Lab PQL					0.05			

ND indicates not detected at or above the practical quantitation limit (PQL).

* The California Ambient Air Quality Standard (CAAQS) is 50 micrograms per cubic meter (µg/m³) for a 24-hr period.

Table 1-3
Air Monitoring Results, Prescribed Burn, Burn Unit 14
Particulate Matter less than 10 microns (PM-10)
Burn Day 2 (October 7-8, 2009)

Sample Number	Lab ID	Site	Run Time (mins)	Sample Volume (L)	mg/sample	mg/m ³	µg/m ³	24 hr total (µg/m ³)*
Preselected Sites								
17778	0910342-22	PS-1 Marshall	480	2412.00	0.08	0.03	33	31
17787	0910342-32	PS-1 Marshall	953	4788.83	0.14	0.03	29	
17783	0910342-21	PS-2 Manzanita	478	2385.22	0.10	0.04	42	33
17717	0910342-31	PS-2 Manzanita	973	4855.27	0.14	0.03	29	
17776	0910342-20	PS-3 Ingham	476	2380.00	0.07	0.03	29	22
17785	0910342-30	PS-3 Ingham	961	4805.00	0.09	0.02	19	
17777	0910342-19	PS-4 Del Rey Woods	497	2472.58	0.09	0.04	36	33
17786	0910342-29	PS-4 Del Rey Woods	960	4776.00	0.15	0.03	31	
17784	0910342-18	PS-5 Buena Vista	485	2439.55	0.10	0.04	41	29
17718	0910342-28	PS-5 Buena Vista	979	4924.37	0.11	0.02	22	
Candidate Sites								
17780	0910342-23	CS-4 Toro Park	454	2265.46	0.09	0.04	40	32
17789	0910342-33	CS-4 Toro Park	993	4955.07	0.14	0.03	28	
17781	0910342-34	CS-4 Toro Park - Duplicate	456	2273.16	0.11	0.05	48	33
17790	0910342-34	CS-4 Toro Park - Duplicate	992	4945.12	0.13	0.03	26	
17779	0910342-25	CS-5 Spreckles	443	2219.43	0.17	0.08	77	46
17788	0910342-35	CS-5 Spreckles	999	5004.99	0.16	0.03	32	
17707	0910342-36	WHFB-3 Shaw (10/7-10/8)	960	4790.40	ND	<0.01	<10	NA
17709	0910342-37	WHTB-5MEC (10/7-10/8)	N/A	N/A	ND	N/A	NA	
Lab PQL					0.05			

ND indicates not detected at or above the practical quantitation limit (PQL).

* The California Ambient Air Quality Standard (CAAQS) is 50 micrograms per cubic meter (µg/m³) for a 24-hr period.

Table 1-4
Air Monitoring Results, Prescribed Burn, Burn Unit 19
Particulate Matter less than 10 microns (PM-10)
Burn Day 3 (November 16-17, 2009)

Sample Number	Lab ID	Site	Run Time (mins)	Sample Volume (L)	mg/sample	mg/m ³	µg/m ³	24 hr total (µg/m ³)*
Preselected Sites								
17722	0911421-04	PS-1 Marshall	480	2306.40	0.06	0.03	26	56
17730	0911421-13	PS-1 Marshall	960	4612.80	0.33	0.07	72	
17721	0911421-03	PS-2 Manzanita	480	2306.40	0.07	0.03	30	27
17729	0911421-12	PS-2 Manzanita	960	4612.80	0.12	0.03	26	
17724	0911421-06	PS-3 Ingham	483	2337.72	0.14	0.06	60	30
17732	0911421-15	PS-3 Ingham	960	4646.40	0.07	0.02	15	
17720	0911421-02	PS-4 Del Rey Woods	475	2284.75	0.08	0.04	35	26
17728	0911421-11	PS-4 Del Rey Woods	957	4603.17	0.10	0.02	22	
17725	0911421-07	PS-5 Buena Vista	480	2337.60	0.09	0.04	39	29
17733	0911421-16	PS-5 Buena Vista	960	4675.20	0.11	0.02	24	
Candidate Sites								
17723	0911421-05	CS-3 Salinas FD Laureles	487	2357.08	0.05	0.02	21	16
17731	0911421-14	CS-3 Salinas FD Laureles	952	4607.68	0.06	0.01	13	
17726	0911421-08	CS-6 City of Monterey	480	2318.40	0.05	0.02	22	17
17734	0911421-17	CS-6 City of Monterey	957	4622.31	0.07	0.02	15	
17727	0911421-09	CS-6 City of Monterey, Duplicate	480	2299.20	0.05	0.02	22	19
17735	0911421-18	CS-6 City of Monterey, Duplicate	957	4584.03	0.08	0.02	17	
17719	0911421-01	WHFB-6 SHAW (11/16-11/16)	N/A	N/A	ND	N/A	NA	NA
17736	0911421-10	WHFB-7 SHAW (11/16-11/16)	N/A	N/A	ND	N/A	NA	
Lab PQL					0.05			

ND indicates not detected at or above the practical quantitation limit (PQL).

* The California Ambient Air Quality Standard (CAAQS) is 50 micrograms per cubic meter (µg/m³) for a 24-hr period.

Report
Investigation of Munitions and Explosives of Concern (MEC) Incident
Discarded Military Munitions (DMM) Grenade, Hand, Smoke, White Phosphorous, M15
August 29, 2009

An investigation of the subject incident was conducted to examine the available evidence and data, determine the cause or likely cause, and provide recommendations for actions to provide for public and worker safety.

INCIDENT SUMMARY

On August 29, 2009 a wildfire burned approximately 7 acres of moderate density vegetation on the former Fort Ord approximately 250m northeast of the intersection of Evolution Road and Broadway Ave. inside the Fort Ord impact area. The suspect cause was the unprovoked (spontaneous) functioning of a DMM Grenade, Hand, Smoke, White Phosphorous (WP), M15.

The wildfire was reported to the Presidio of Monterey Fire Department (POM FD) by Monterey County Fire Command at approximately 4:00 p.m. POM FD responded and controlled the fire with assistance from California Department of Forestry aircraft limiting the area involved to approximately 7 acres.

The weather at the time of the initial fire response was clear with a temperature of approximately 80 degrees Fahrenheit, winds WSW at 12-17 mph, and 40% relative humidity. The fire was declared out at 9:30 a.m. on August 31, 2009. There was no loss of equipment or structures, and no injuries as a result of the incident.

The area of the incident is part of an inactive multi-use range area of approximately 5, 600 acres of restricted, fenced, and patrolled Army property. The area vegetation had burned last during a prescribed burn in 2003. The area was subsequently subjected to a post-burn surface MEC remedial action.

A contract Senior Unexploded Ordnance (UXO) safety officer conducted an initial inspection of the area identified by POM FD as the likely origin of the fire on August 30 and identified the remnants of an expended Grenade, Hand, Smoke, White Phosphorous, M15 at that location. The remnants included spalled steel (grenade body), a safety pin, and a portion of a safety lever intact. The UXO safety officer detected the odor of phosphorous in vicinity of the remnants and concluded that a WP item had likely recently functioned at that location.

INCIDENT INVESTIGATION

Item Description: The Grenade, Hand, Smoke, White Phosphorous, M15 is a cylindrical chemical smoke device approximately 3 inches in diameter, 7 inches long, with a weight of 31 ounces. The body is constructed of molded 18 gage sheet steel with a fuse well centered on a sealed end. The fuze is a release spring delay mechanism with an external safety pin and safety lever. The fuse is core configured connecting to a solid bursting charge surrounded by approximately 15 ounces of WP.

White phosphorous is a transparent and highly flammable solid that self-ignites upon contact with air and will burn to exhaustion while exposed to air without further cause. Use of the grenade involves pulling of the safety pin and release of the safety lever.

The function of the grenade involves activation of the fuze, the ignition of the bursting charge, rupture of the body, fragmentation, ignition, and burning of the WP filler at high temperature. The result is a dense white smoke persisting for approximately 60 seconds within the bursting radius (Attachment 1 data sheet). The grenade is used for signaling, screening, and incendiary purposes.

Grenades of this design have been in the US Army's inventory for more than 60 years. Other US munitions containing white phosphorous include rifle grenades, as well as mortar and artillery rounds.

Area of Incident: The area of the incident is coastal maritime chaparral habitat associated with Range 48, part of an inactive multi-use range complex of approximately 5,600 acres of restricted, fenced, and patrolled Army property (Grid 079528, GPS Lat 21 19 366.527 Long 574 1774.976). An examination of the area as well as training records for the adjacent ranges (Range 43-48) indicates that the location of the grenade was likely the result of weapons training conducted during a period when the former Fort Ord was active and the area ranges were operational (approximately 1950-1994) (Attachment 2 MAP).

Examination of the remnants did not provide the age of the subject item or date of the disposal, however the item was likely disposed prior to the closure of the area ranges (1994). The point of ignition indicated that the item was at or near the ground surface and in close proximity of vegetation when it functioned. Evidence was inconclusive as to whether the item was undisturbed at the time of ignition or if erosion, animal activities, vegetation burning or other actions resulted in a change in disposition. There appeared to be no direct human involvement in the ignition of the fire or the functioning of the grenade.

The area vegetation burned last during a prescribed burn in 2003. This burning may have accelerated the oxidation of the body of the grenade by heat treating the protective paint and/or compromising the structural integrity through expansion and contraction. Munitions and

Explosives of Concern remediation documents from the Fort Ord environmental cleanup administrative record indicate that the area was subject of a visual surface remediation in 2003. Some UXO WP grenades were removed at that time. Procedures used during that remedial action did not indicate why the incident item was not removed during that action (Attachment 2 MAP) (Final MRS-RANGES 43-48 INTERIM ACTION TECHNICAL INFORMATION PAPER VOLUME 1, 26 January 2007).

Findings: The proximity and functional characteristics of the item and conditions at the point of ignition indicate that the grenade was the likely cause of the reported wildfire. Spotting (scorched areas), considered the result of the burning of fragments of WP, was identified in the area surrounding the item remnants indicating that the bursting charge functioned (Attachment 3 photos 1&2). The safety pin and a portion of the safety lever were found intact, this fact, and field technical experience with the item fuze type indicates that the grenade's bursting charge was initiated by other than the mechanical function of the fuze system (attachment 4 photo 3). The chemical composition and location of the bursting charge makes it susceptible to the heat resulting from the burning of surround WP. Limited spotting from the identified point of the fire ignition (approx. 1m) and the heavily rusted condition of the grenade remnants indicates that the body may have been corroded and degrading the efficiency of the burst and allowing air to contact the WP filler prior to the functioning of the bursting charge. It is possible that the bursting charge was initiated by heat resulting from the burning of the WP filler.

The location of UXO WP grenades found during the 2003 surface remedial action in proximity of the incident location indicates that this item was possibly associated with one or more training/simulation or demonstration events involving the employment of several of such grenades. The condition of the previously found grenades described by the project OE safety specialist indicates that the bodies of such grenades are subject to oxidation during prolonged exposure to environmental moisture. It is possible that oxidation of the DMM grenade, perhaps accelerated by exposure to fire (2003), resulted in an exposure of the WP filler sufficient to result in self-ignition and subsequently functioning of the bursting charge. Experience and after action reports from remedial actions sites on the former Fort Ord indicate that analog and digital geophysical mapping detection equipment can detect WP grenades and similar objects.

Work plans and records indicate that Fort Ord environmental and ordnance as well as BLM habitat workers routinely operate in areas where UXO/DMM WP grenades may remain.

Conclusions:

- (1) DMM/UXO WP grenades disposed in a field setting are capable of spontaneous ignition and function.
- (2) The function of these items can create a burning hazard to personnel within the bursting radius and ignite wildfires in areas of surrounding vegetation.

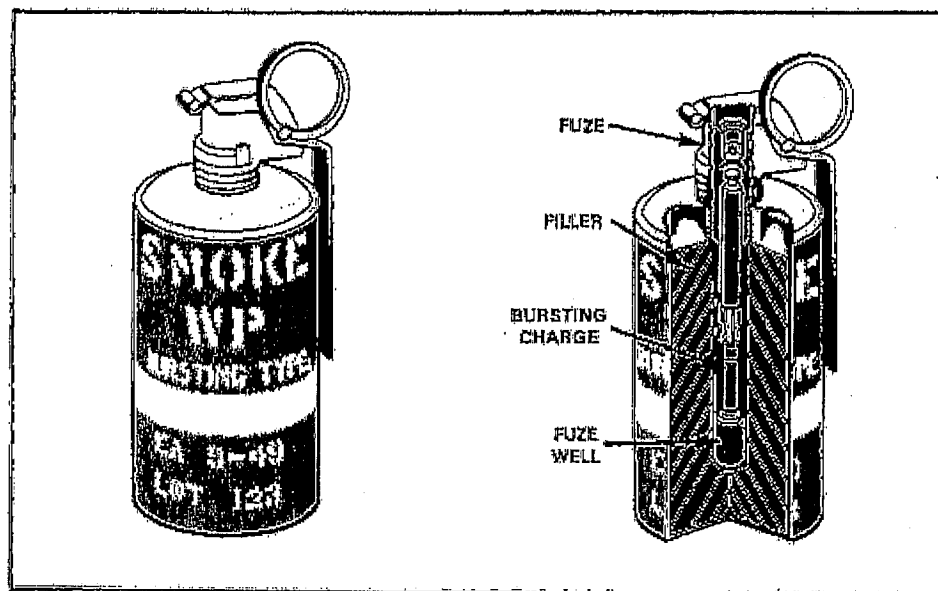
- (3) A previous visual MEC remediation of surface of the incident area did not detect the DMM WP grenade.
- (4) The presence of personnel and equipment in field areas where UXO/DMM WP grenades are present can result in an incident with the potential for loss of equipment, personal injury, or death.

Recommendations:

- (1) Implementation of UXO/DMM WP hand grenade hazard training for all workers and users of areas where those items are suspected or known to exist.
 - a. Possible presence of WP items
 - b. Identification of items and burning WP
 - c. Fire hazard
 - d. Action in response to suspected item or burning WP.
- (2) Consideration of suspected or known WP grenade locations in development of future MEC remedial action methodologies.
- (3) Periodic review of MEC database to identify concentrations of UXO/DMM WP found during remediation actions.
- (4) Use of magnetometer assisted methodologies in surface remediation of areas identified as having contained UXO/DMM WP grenades where vegetation or other obstacles obscure the surface.
- (5) Implementation of a magnetometer assisted surface remedial action in vicinity of recorded UXO/DMM WP grenades (attachment 5 MAP).
- (6) Continuation of present site security measures.

M15 White Phosphorous grenade

The M15 White Phosphorous grenade is a bursting type grenade used for signaling, screening, and incendiary purposes.



M15 WP smoke hand grenade.

- (1) Body -- sheet metal.
- (2) Filler -- 15 ounces of white phosphorus.
- (3) Fuze -- M206A2.
- (4) Weight -- 31 ounces.
- (5) Capabilities -- the average soldier can throw the grenade 30 meters. The grenade has a bursting radius of 17 meters. All friendly personnel within this 17-meter area should be in a covered position to avoid being struck by burning particles. The WP filler burns for about 60 seconds at a temperature of 5,000 degrees Fahrenheit. This intense heat causes the smoke produced by the grenade to rise quite rapidly, especially in cool climates. This makes the M15 grenade less desirable for use as a screening agent.
- (6) Color/markings -- grey with one yellow band and yellow markings.
- (7) First aid -- treat burns caused by WP in the same way as ordinary burns. If particles of WP are embedded in the flesh, immerse the wound in water or pack with wet cloths to halt combustion. Then pick out or squeeze out the WP. The particles will reignite spontaneously if allowed to dry. Apply copper sulphate solution to halt combustion of the WP particles. This permits them to be removed without igniting.

Point of Item Ignition

Spotting

2009/08/30

Investigation of Munitions and Explosives of Concern (MEC) Incident
Discarded Military Munitions (DMM) Grenade, Hand, Smoke, White Phosphorous, M15, August 29, 2009

Attachment 3-1

Photo Ground Surface 1m North East of Item Ignition Point

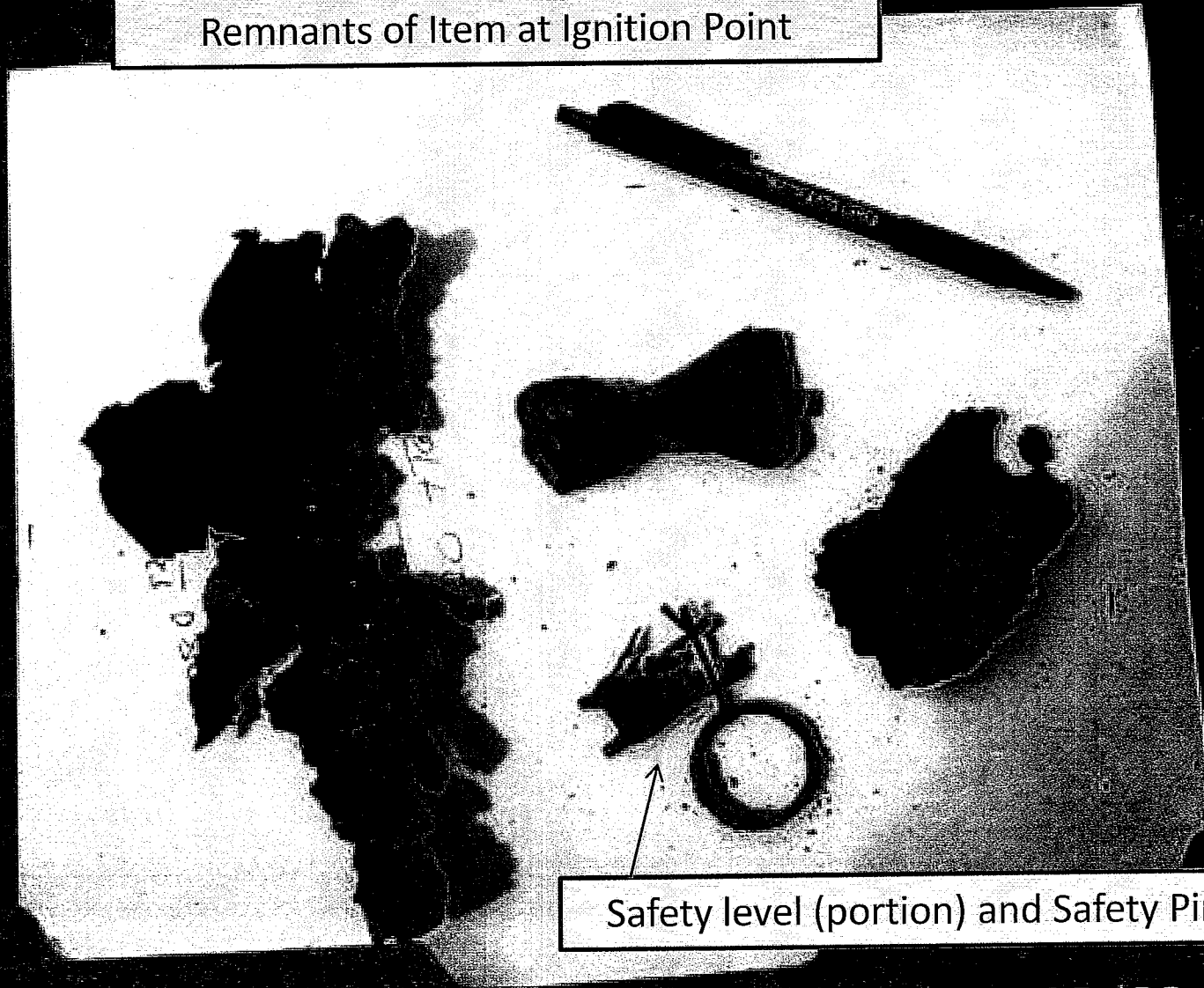
Spotting

2009/08/30

Investigation of Munitions and Explosives of Concern (MEC) Incident
Discarded Military Munitions (DMM) Grenade, Hand, Smoke, White Phosphorous, M15, August 29, 2009

Attachment 3-2

Remnants of Item at Ignition Point



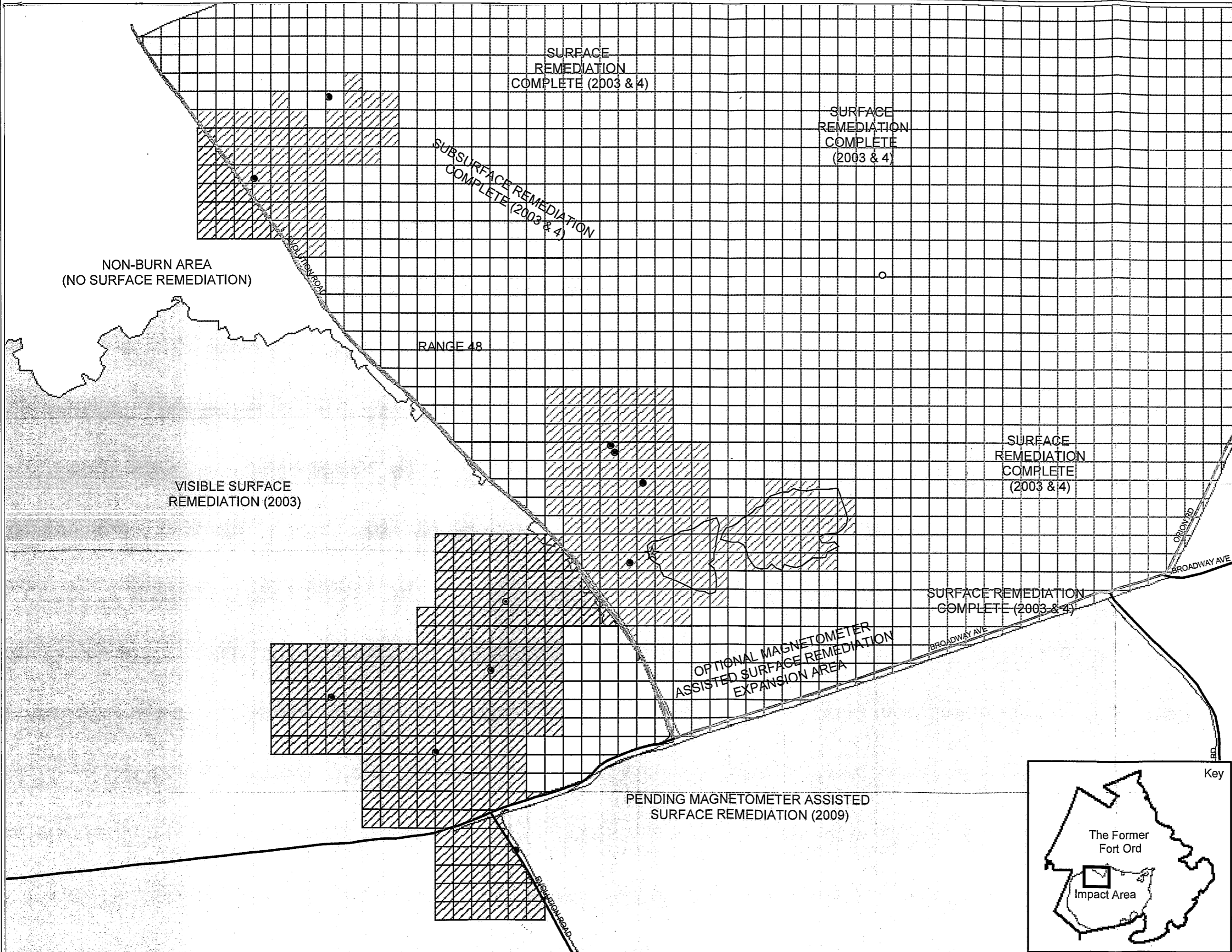
Safety level (portion) and Safety Pin

2009/08/30

Investigation of Munitions and Explosives of Concern (MEC) Incident
Discarded Military Munitions (DMM) Grenade, Hand, Smoke, White Phosphorous, M15, August 29, 2009

Attachment 4

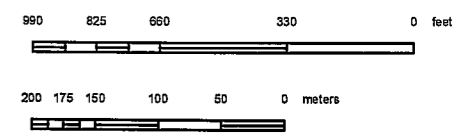
**Recommended Field Response
Grenade, Hand, Smoke, White
Phosphorous MEC Incident 8/29/09**



- Fuel Breaks Status**
- 30' Surface/15' Sub, Total 45', Maint for vehicles
 - 45' Subsurface Clearance, Maintained for Vehicles
 - ☼ Burn Area 8/29/09 (7 Acres)
 - ★ Incident Item
- White Phosphorous MEC**
- Model Description**
- Grenade, hand, smoke, white phosphorous, M15
 - ⊙ Grenade, hand, smoke, white phosphorous, M34
 - Grenade, rifle, smoke, white phosphorous, M19A1
 - Major Roads
 - Secondary Roads
 - Fort Ord Boundary
 - Surface Removal (2002)
 - ▨ Pending Magnetometer Assisted Remediation (2009)
 - ▩ Subsurface Remediation Complete (2003-04)
 - ▧ Optional Magnetometer Assisted Surface Remediation Expansion Area
 - ▨ Recommended Magnetometer assisted surface remediation
 - ☼ Visible Surface Remediation (2003)

Acres = 92
Optional Acres = 95

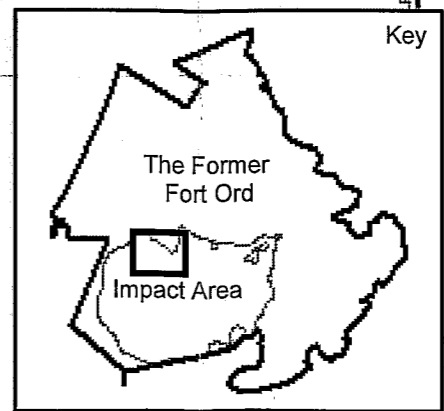
**Report - Fort Ord MEC
Incident 29 August 2009
Attachment 5**



U.S. ARMY CORPS
OF ENGINEERS



**FORMER FORT ORD
MONTEREY, CALIFORNIA**



PRINT DATE: Thursday, August 13, 2009	SOURCE OF DATA:
DRAWN BY: Cary.A.Stiebel@usace.army.mil	SCALE: 1:6,000
FILE: White Phosphorous B-size v1.mxd	VERSION:

**White phosphorous Incidental
MEC 8/29/2009**

**MEC White Phosphorous Found (2003)
in Proximity of Incident Item Location**

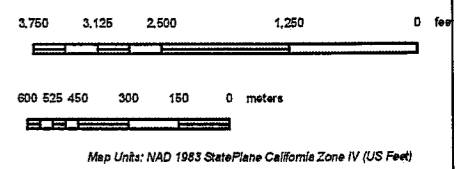
Model Description - MM Type

- ⊙ Grenade, hand, smoke, white phosphorous, M15 - ISD
- Grenade, hand, smoke, white phosphorous, M15 - UXO
- Grenade, hand, smoke, white phosphorous, M34 - UXO
- ▲ Grenade, rifle, smoke, white phosphorous, M19A1 - ISD
- ▲ Grenade, rifle, smoke, white phosphorous, M19A1 - UXO

- ★ Incident Item
- ⊕ Burn Area (7 Acres)
- ⊕ Impact Area
- ▭ Range Fans
- ▬ Major Roads
- ▬ Secondary Roads
- ▬ Fort Ord Boundary
- Fuel Breaks Status
- ▬ 30" Surface/15" Sub, Total 45', Maint for vehicles
- ▬ 45" Subsurface Clearance, Maintained for Vehicles



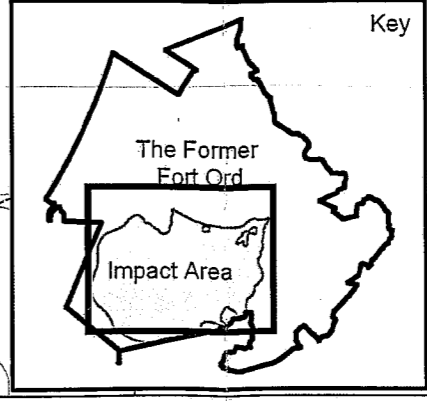
**Report - Fort Ord MEC
Incident 29 August 2009
Attachment 2**



U.S. ARMY CORPS
OF ENGINEERS

**FORMER FORT ORD
MONTEREY, CALIFORNIA**

PRINT DATE Thursday, August 13, 2009	SOURCE OF DATA
	SCALE 1:21,895
DRAWN BY Cary.A.Stebel@usace.army.mil	VERSION
FILE UXO White Phosphorous B-size.mxd	



LAGUNA
SECA

Remediation Approach Historical Areas 39 and 40

Summary

Surface MEC removal and DGM was completed in the proposed 2.5-acre lead remediation area. This specific area is shown in Figure 1-3.

Following completion of initial DGM surveys within these areas, it was determined that:

- 1.9 acres contains a high density of subsurface anomalies that would preclude effective QC/QA activities
- steep slopes within this same area hindered completion of the DGM survey and safe excavation of DGM anomalies

Subsurface MEC remediation was originally postponed to minimize soil handling/stockpiling until completion of the *Final Record of Decision Amendment, Site 39 Inland Ranges*, Former Fort Ord, California (Army, 2009). Subsurface MEC remediation was further postponed to avoid 2009-2010 wet season to protect two populations of Habitat Management Plan plant species, sand gilia and Monterey spineflower, and a vernal pond.

Subsurface MEC remediation activities in this area will be completed after the 2009-2010 wet season. A Field Work Variance to the *Final Remedial Design/Remedial Action Work Plan, Site 39 Inland Ranges Remediation and OU2 Landfills*, Former Fort Ord, California (Shaw, 2009b) to document the revised approach.

Excavation Approach

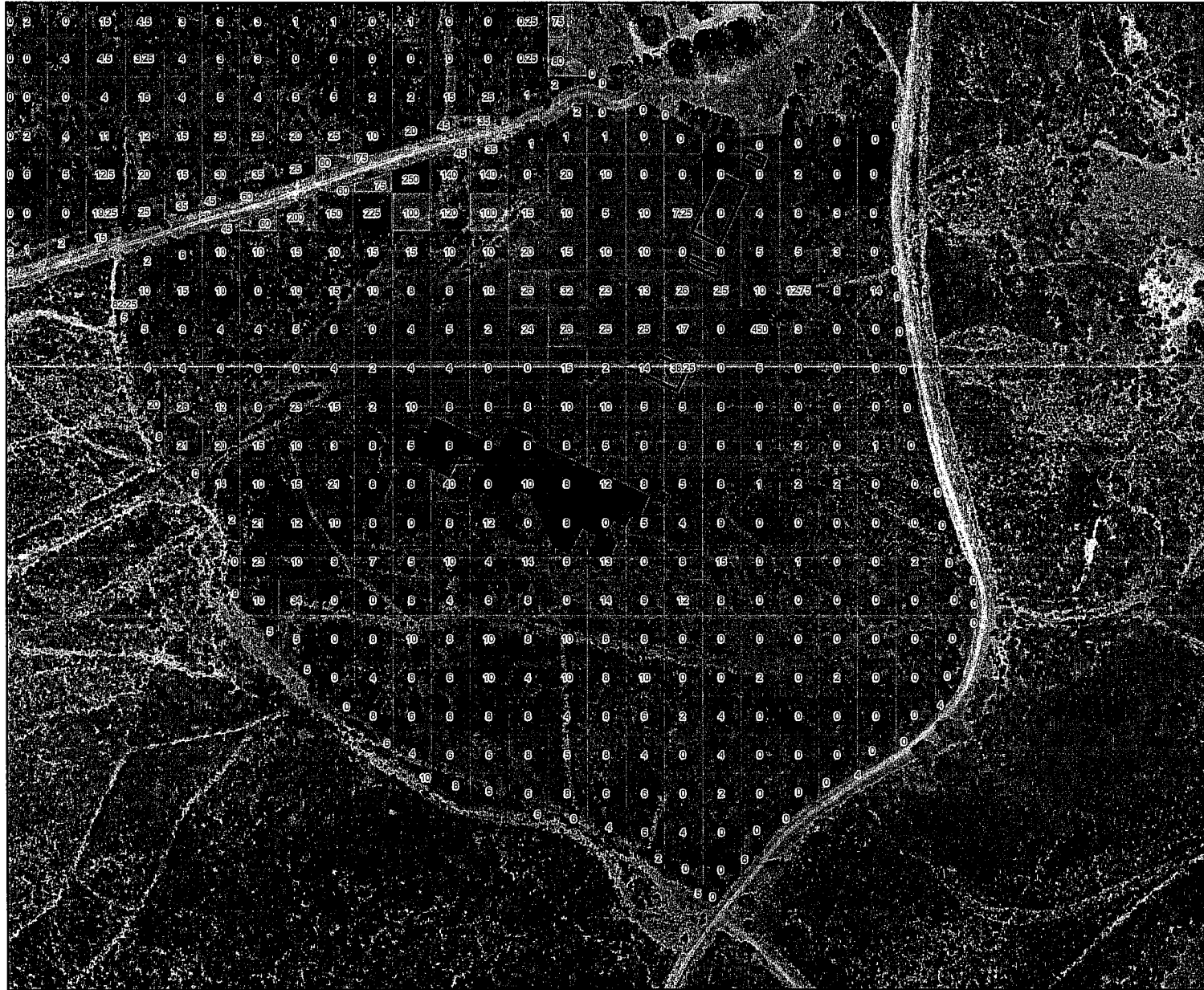
Conduct excavation within the lead remediation areas using modified excavation procedures to allow for stricter visual observation of excavated soil prior to transport to the on-site stockpile and the OU2 Landfills. The following steps will be conducted with visual observation by UXO Technicians:

- Excavate soil within remediation areas in 1-foot lifts
- Spread out soil on the ground
- Conduct visual inspection for MEC and remove large pieces of scrap and debris
- Load soil onto off-road trucks and transport to the on-site stockpile
- Load stockpiled soil onto on-road trucks and transport to the OU2 Landfills

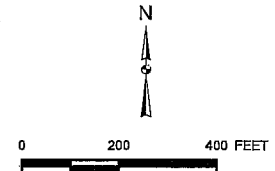
Upon completion of remediation (including sampling), excavated areas will be recontoured to match existing topography.

A "mag and dig" will be conducted on the new surface up to a depth of 2 feet to allow for future site restoration.

MEC and MD recovered from within the remediation area will be documented and added to the Fort Ord database for use by the MEC program.



- Legend**
- ◻ Remediation Areas
 - High-Density Anomalies
 - * MEC Locations
- MD Weights (in Pounds) By Grid
- ◻ 0-25
 - 25-50
 - ◻ 50-100
 - 100-200
 - 200-450



REVISION	DATE	DESCRIPTION	CRKD	APPR
		Department of the Army Sacramento District, Corps of Engineers Sacramento, California		
DESIGNED:	FIGURE 1-3			
J. MOSER	HISTORICAL AREAS 38/40			
DRAWN:	FORMER FORT ORD, CALIFORNIA			
K. BLACK				
CHECKED:				
SUBMITTED:	DATE	SCALE	FILE No.	SPEC No.
			HA39_40_MDremoved.mxd	

Fort Ord Military Munitions Response Program Fieldwork Update

1/14/2010

victor.l.shurtleff@us.army.mil

1

MMRP Fieldwork Update

PROJECT: E20c.1 (Acreage growing all the time)

An investigation action is in accordance with the (Track 1 ROD). The area scheduled investigation is located in the north-central portion of the area north of Eucalyptus Rd and south of Ardennes Cr. Additional DGM survey to validate that no grenades are located in the area

Start date:

Estimated end date :

PHASES:

Start

End

Site preparation

Vegetation removal
-Vegetation Cutting

1-13-10

1-14-10

Investigation - DGM

Est. 1-18-10

Est. 1-21-10

ISSUES AND CONCERNS:

Local residents and POM command have been advised of activities

1/14/2010

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2

MMRP Fieldwork Update

PROJECT: MRS-BLM Unit 14 (323 acres)

An MMRP action is in accordance with the Track 3 ROD. The area scheduled for remediation is located in the north-central portion of the MRS-BLM.

Start date: July 2009 (prep)

Estimated end date : June 2010

PHASES:	Start	End
Site preparation (est. fuel breaks/sup fac.)	07-01-09	09-11-09
Vegetation removal		
- prescribed burn	10-06-09	10-07-09
- vegetation cutting	10-20-09	01-04-10
MEC Removal		
- Surface remediation	11-30-09	
- DGM		
- Subsurface remediation, limited		

ISSUES AND CONCERNS:

- Vegetation cutting averaged 4.6 acres per day.
- Added slop over to total acres for surface remediation.
- Surface remediation averaging 5 acres per day with 37% complete.

1/14/2010

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3

MMRP Fieldwork Update

PROJECT: MRS-BLM Unit 19 (228 acres)

An MMRP action is in accordance with the Track 3 ROD. The area scheduled for remediation located in the north-central portion of MRS-BLM.

Start date: July 2009 (prep)

Estimated end date : July 2010

PHASES:	Start	End
Site preparation (est. fuel breaks/sup fac.)	07-01-09	09-11-09
Vegetation removal		
- prescribed burn	11-16-09	1-16-09
- vegetation cutting	12-07-09	
MEC Removal		
- Surface remediation		
- DGM		
- Subsurface remediation, limited		

ISSUES AND CONCERNS:

- Vegetation cutting at 3.9 acres per day (one piece of equipment) 44% complete

1/14/2010

victor.l.shurtleff@us.army.mil

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MMRP Fieldwork Update

Unexploded Ordnance (UXO) / Discarded Military Munitions (DMM) /
Insufficient Data (ISD), Munitions Debris (MD), and Range Related Debris (RRD)
Summary

<u>Removal in Progress</u>	<u>UXO/DMM/ISD</u> <u>Items</u>	<u>MD</u> <u>lbs</u>	<u>RRD</u> <u>lbs</u>
Unit 14	44 (35 detonated)	est. 18,047	n/a
Unit 19			

1/14/2010

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MMRP Site Security Program

- Trespass Incidents:
 - Last 30 days: 0 Year to Date: 3
- MEC Incidents:
 - Last 30 Days: 1 Year to Date: 3
10-21-08 BLM reported suspected 81mm mortar between Pilacitos and Skyline Roads on BLM property. Investigation determined the item to be an expended projectile 81mm mortar, M68. Item disposed as MD.
- Community Education:
 - Total recipients in 2009 to date: 305
 - » York School 8-17-09 (220)
 - » CSUMB 8-27-09 (85)
- MEC Rec and Safety Tng:
 - Total personnel trained in 2009 to date: 45
- Other:
 - Army report on MEC incident 08-28-09 with recommendations for additional action to FTP 11-16-09.
 - Results of Fort Ord BRAC MRSPP annual review provided to MRBCT (FTP), TRC and public (CIW) October 14/15.
 - MRS Security Program Committee Annual Meeting scheduled for February 23 at 10:00 a.m.

1/14/2010

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QUARTERLY PROJECT REPORT

Environmental Services Cooperative Agreement

Report No: 11

Reporting Period: October 1, 2009 to December 31, 2009

Grant Recipient: Fort Ord Reuse Authority

Agreement No: W9128F-07-2-0162

PR No: W59XQB70879961

Effective Date: March 30, 2007

Grant Officer: Doug Hadley
Contracting Officer/Grants Officer
U.S. Army Corps of Engineers, Omaha District
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Submitted to: Gail Youngblood
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This report is submitted per the requirements in the Cooperative Agreement Award, Attachment E.1, Technical Services and Requirement Statement, Section 3.1. Project Progress Reports.

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Background/Scope and Purpose

Background.

The Federal Government, for and on behalf of the citizens of the United States of America, acts as the steward of certain real property on which it operates and maintains military facilities necessary for the defense of the United States of America. Certain military facilities are no longer required for that mission, and the Department of Defense (DoD) closed and plans to dispose of certain real and personal property at those facilities in accordance with the authority of the Defense Base Closure and Realignment Act of 1990, Public Law 101-510 (10 U.S.C. Section 2687 note, as amended). DoD is authorized to dispose of real and personal property on the former Fort Ord to the Fort Ord Reuse Authority (FORA). Under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. Section 9620(h)(3)(C), federal property may be transferred prior to the completion of all remedial action necessary to protect human health and the environment. Under this early transfer authority, DoD may transfer portions of Fort Ord to the FORA, which may assume responsibility for certain environmental response activities (Environmental Services).

The property to be transferred and the geographic area in which work will be performed under the ESCA are identified herein as the Areas Covered by Environmental Services, (ACES). The environmental response activities required of the FORA under the Environmental Services Cooperative Agreement (ESCA) are identified herein as the Environmental Services. The ESCA provides the funding, specifications and requirements for the FORA's performance and completion of the Environmental Services in the ACES. Cleanup of the ACES is governed by CERCLA, the National Contingency Plan (NCP), the Administrative Settlement Agreement and Order on Consent (AOC), and other applicable laws and regulations. The Army has conducted investigations and site characterization under its own authorities under CERCLA, the Defense Environmental Restoration Program (DERP), and other applicable laws and regulations, and has identified both contaminated areas as well as uncontaminated areas. Additional site characterization and investigations are to be performed. Following the early transfer of the ACES, FORA will be obligated to comply with the AOC under the oversight of the United States Environmental Protection Agency (US EPA) and the Department of Toxic Substances Control. As provided in the ESCA, the Parties agree that the FORA's performance of the Environmental Services must satisfy certain obligations of the Army under CERCLA and the NCP. If inconsistencies are found between the ESCA and the AOC after the ESCA has been signed, the Parties will work toward a resolution, in accordance with Section D.9 of the ESCA. The ESCA is of mutual benefit to the Army and FORA because it will facilitate early transfer and the immediate reuse of the ACES by allowing FORA to perform the Environmental Services in conjunction with redevelopment activities. The ESCA, executed in anticipation of an early transfer, will allow FORA full access to the ACES in order to implement the Environmental Services and redevelop the ACES. The ESCA does not reduce or alter in any way the responsibilities and obligations of the Army under CERCLA, the NCP, or Section 330 of Public Law 102-484 ("Section 330"), except as otherwise provided in the ESCA.

Purpose.

The provisions of the ESCA establish the terms and conditions necessary for the completion of the Environmental Services required to obtain Site Closeout and the execution of Long-Term Obligations associated with Site Closeout. The AOC and Technical Specifications Requirements Statement (TSRS) establish the process for obtaining Site Closeout within the ACES. By execution of the ESCA, the Army and FORA concur with the AOC and TSRS. The ESCA in no way restricts the Parties from modifying the Covenant to Restrict the Use of Property (CRUP) or the Environmental Protection Provisions (EPP), and documents referenced therein, before or after the Environmental Services at the ACES have begun. However, any such modifications shall not eliminate or change FORA's or Army's obligations under the ESCA unless a concurrent modification is made to the ESCA in accordance with Section D.21.

Scope.

FORA shall cause to be performed the Environmental Services, in consideration of the payment of a fixed sum by the Army in accordance with and subject to the provisions of the ESCA. The Environmental Services, to the extent required to be performed under the ESCA, shall satisfy the requirements of CERCLA and the NCP by satisfying the requirements provided in the AOC and TSRS. The Environmental Services will be performed in furtherance of the FORA's approved Reuse Plan and integrated with redevelopment activities, all as more particularly described in the TSRS.

The AOC establishes the process for obtaining Site Closeout within the ACES. By the execution of the ESCA, the Army concurs with the process set forth in the AOC, and all documents and approvals referenced therein; however, this concurrence in no way limits the FORA's ability to complete Environmental Services that go beyond the requirements of CERCLA and Resource Conservation and Recovery Act (RCRA) for the ACES by satisfaction of the AOC. Furthermore, the ESCA in no way restricts the parties to the AOC from modifying the AOC and documents referenced therein, pursuant to the terms thereof, before or after the Environmental Services at the ACES have begun; however, any such modifications will be coordinated with the Army and shall not eliminate or change FORA's or Army's obligations under the ESCA unless otherwise agreed in a writing signed by the Parties. In addition to providing the specified funding, the Army will retain the responsibilities and liabilities specified within the ESCA and attachments. The Army's program oversight shall ensure that the remedies implemented by the FORA pursuant to the AOC and TSRS are consistent with CERCLA and the NCP, Department of Defense Explosives Safety Board (DDESB) requirements, and other applicable laws and/or regulations. The Parties agree that the implementation of the AOC must be consistent with remedy requirements of CERCLA, the NCP, and other applicable laws and regulations, and that future modifications to the AOC will likewise be consistent with such remedy requirements. FORA agrees to achieve Site Closeout and perform the required remedial actions in accordance with and subject to the provisions of the ESCA. In accordance with 42 U.S.C. 9620(h)(3)(C)(iii), after all response actions necessary to protect human health and the environment on the ACES, or portions thereof, have been taken, the Army will grant to the FORA the CERCLA warranty that all necessary response actions have been taken.

Document Technical Progress or Work Completed

In this Quarter, FORA and FORA's Remediation Team (LFR, Weston Engineers & Westcliffe Engineering) have: preformed Program Management including mobilization and equipment procurement; participated in Community Involvement Outreach, consulted with the EPA, DTSC, and the Army; drafted various Work Plans, and field work related documents, managed ESCA Independent Third-Party Quality Assurance Surveillance Program and the Quality Assurance Surveillance Program Implementation Plan; and, performed field work in Seaside, Parker Flats, and other ESCA parcels.

FORA's critical dates, technical progress, or work completed within this Quarter are:

October 1, 2009: Drafted plan for the upcoming EPA Super JTI Program Kick Off meeting scheduled for October 15.

October 1, 2009: Sent Base Realignment and Closure (BRAC) office a letter responding to the Army's request to use an ESCA property in Seaside as a transfer facility in their cleanup of lead contaminated soils from the Inland Ranges.

October 1, 2009: Communication with BRAC office and received information alerting the ESCA Team to the Army's schedule to remediate approximately 20 CY of contaminated soils on the Future CSUMB ESCA property. This information was passed on to LFR and Weston to begin ESCA coordination needs.

October 5, 2009: Reviewed and approved the ESCA third-party Quality Assurance Oversight Professional (QAOP) invoice for September 2009.

October 5, 2009: Received notice that the Army is mobilizing for a controlled burn of Area 19 near Bureau of Land Management (BLM) Headquarters. ESCA RP contractors were notified and safety precautions were implemented.

October 6, 2009: Bi-weekly teleconference call with ESCA RP team.

October 6, 2009: Communication between ESCA Program Manager FORA Engineering Department and Sudden Link requesting that Sudden Link return or pay for the lock that they cut off the gate around the ESCA land while delivering poles to General Jim Moore Boulevard (GJMB) Requested that they follow the ESCA site safety procedures and their work schedule so that the ESCA Team can provide the Construction Support they need/requested.

October 6, September 2, 2009: Prepared a description of the ESCA Grant Program for the FORA Annual Auditor's Report.

October 6, 2009: Army mobilized for a controlled burn of Area 19 near BLM Headquarters. Safety precautions for the control burn were implemented by ESCA contractors during the burn.

October 7, 2009: Received notification that the Army mobilized for a second day of controlled burn. Safety precautions for the control burn were implemented by ESCA contractors.

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- October 7, 2009: Reviewed the Draft Group 4 Remedial Investigation/Feasibility Study Work Plan and forwarded suggested edits to the ESCA contractors.
- October 7, 2009: Teleconference with ESCA contractors and QAOP on the Residential Quality Assurance (RQA) Pilot Study Digital Geophysical Mapping (DGM) data.
- October 7, 2009: Created and forwarded a draft standard letter for those requesting access to ESCS property for construction purposes to ESCA contractor requesting their review.
- October 7, 2009: Created and forwarded a draft standard letter for those requesting access to ESCS property for construction purposes to the FORA Engineering Team for them to include in their upcoming General Jim Moore Boulevard bid package.
- October 8, 2009: Finalized the ESCA Quarterly Grant report.
- October 9, 2009: Received suggestions for a letter to Seaside about future land use designation on ESCA properties.
- October 9, 2009: Sent the Administrative Order on Consent (AOC) Monthly Program Report to Regulators.
- October 12, 2009: Meeting to finalize the Seaside Land Use confirmation letter and associated maps.
- October 12, 2009: Requested an update from ESCA contractors on the status of the surveys and legal documents to support the Phase 1 Parker Flats deed amendments.
- October 13, 2009: Monthly Regulatory meeting.
- October 14, 2009: Meeting with Army for a discussion on the draft Group 2 RI/FS report
- October 14, 2009: Communication with BRAC that FOCAG has requested the addresses of the people who provided comments on the Track 1 approval memorandum so that FOCAG can contact them.
- October 14, 2009: Monthly Army Munitions Response Base Cleanup Team (MR BCT) meeting.
- October 14, 2009: The final version of the updated QASP was sent to the Regulators.
- October 14, 2009: Sent a copy of the signed letter from Monterey County concurring on the decision to go with a Track 1 for County North to the Regulators.
- October 14, 2009: Field update meeting with ESCA contractor regarding remediation activities.
- October 15, 2009: Communication with QAOP requesting a copy of the draft version of the RQA Pilot Geophysical QA Report for my review and comment.
- October 15, 2009: Communication from the Army requesting to use the MOUT site (an ESCA property).

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- October 15, 2009: Coordination with ESCA contractor to clarify the surveys plats and legal documents needed for the Veterans Cemetery parcel in Phase 1 and the other County and MPC parcels.
- October 19, 2009: Meeting with BRAC to discuss security for the inland range area.
- October 19, 2009: Forwarded a list of potential local partners for the region for the EPA Super JTI program.
- October 20, 2009: Contacted the County to request the status of their approval of the Annual Horse Park endurance ride that will use a small portion of the ESCA property in Parker Flats Phase 1 on ESCA lands to showcase the future Horse Park property.
- October 21, 2009: Communication with QAOP requesting the draft report for the RQA Pilot Study review.
- October 21, 2009: Received confirmation from ESCA contractor (Field Manager) that the 2nd Hazardous Waste Manifest that was signed for the building debris leaving Parker Flats was not used and was shredded by the contractor.
- October 22, 2009: Meeting with QAOP to review the draft report of the RQA Pilot Study review.
- October 22, 2009: Teleconference with QAOP to discuss the cover letter report that the QAOP will attach to the RQA Pilot Study report review.
- October 22, 2009: Meeting with ESCA contractor to review the Digital Geophysical Mapping information ESCA contractor provided to QAOP.
- October 26, 2009: Meeting with ESCA contractors (Project Manager and Field Manager) to review biologists' draft Micro Burn Plan for East Garrison habitat area.
- October 27, 2009: Teleconference with QAOP about the format and content of the draft report on the RQA Pilot Study QA.
- October 27, 2009: Reviewed game camera photographs for evidence of illegal dumping activity.
- October 27, 2009: Meeting with BRAC biologist and ESCA contractor to review the proposed plan for site preparation for the habitat areas in Group 4 at East Garrison.
- October 27, 2009: Received DTSC's letter concurring that the PG & E corridor through the future CSUMB parcel can be added to the ESCA Safety Access Corridor system.
- October 27, 2009: Reviewed and provided edits to the Draft Final Group 3 Remedial Investigation / Feasibility Study Work Plan response to comments.
- October 28, 2009: Communication with QAOP and forwarded information on the Army's QA report for MRS-16 as a template/example for the QAOP-QA report for the RQA-pilot study area.
- October 28, 2009: Field update meeting with ESCA contractors.

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- October 28, 2009: Received the draft ESCA Weed Management Plan from ESCA contractor for review and comment.
- October 28, 2009: Received the draft Site Security Implementation Plan from ESCA contractor for review and comment.
- October 29, 2009: Communication with QAOP requesting they provide the rough draft of the QAOP QA report for the RQA pilot study area.
- November 2, 2009: Received the Army's comments on the Draft Group 4 Remedial Investigation/Feasibility Study (RI/FS) Work Plan.
- November 2, 2009: Received the Department of Toxic Substances Control (DTSC) concurrence that the PG&E pipeline corridor in the future CSUMB parcel can be added to the existing ESCA Access Corridor system.
- November 2, 2009: Received DTSC invoice for the ESCA oversight cost they incurred from July 1 to September 30, 2009.
- November 2, 2009: Received an updated work area map from ESCA contractor.
- November 3, 2009: Meeting with Quality Assurance Oversight Professional (QAOP) and introduced him to the ESCA contractors and staff. Discussed the Residential Quality Assurance (RQA) Pilot Study Quality Assurance (QA) Report.
- November 4, 2009: Meeting with ESCA contractor to review the agenda for the upcoming senior management meeting and to discuss the ESCA program management strategy for the next few months.
- November 4, 2009: Field meeting with ESCA contractors to review the progress in the field.
- November 5, 2009: Set up a digital game camera on the ESCA property known as future CSUMB. The area shows signs of recent trespassing and illegal dumping. The Emergency Service Providers recommended that a camera be put in this area. Installation was coordinated with ESCA contractors.
- November 5, 2009: Received the Army Comments on the Draft Group 2 RI/FS.
- November 5, 2009: Provided ESCA contractor with a copy of the Army Comments on the Draft Group 2 RI/FS.
- November 5, 2009: Coordination work with ESCA contractors on the legal descriptions required for the Phase 1 Parker Flats Deed Amendments.
- November 9, 2009: Sent the Administrative Order on Consent (AOC) Monthly Program Report to Regulators.
- November 10, 2009: Exchanged the camera that was set up the week before on the west side of the ESCA Future CSUMB parcel. This area shows signs of heavy off-road vehicle traffic use and some illegal dumping.

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- November 10, 2009: Reviewed the legal descriptions and plat maps for the Seaside and Monterey County portions of Phase 1 Parker Flats to use with the Phase 1 Parker Flats Deed Amendments.
- November 10, 2009: Bi-weekly teleconference call with ESCA RP team.
- November 12, 2009: Attended General Jim Moore Boulevard (GJMB) Pre-Bid opening meeting to represent the ESCA and provide contractors with an overview of the unique site safety requirements, safety procedures, scheduling for the ESCA MEC cleanup site and to answer questions.
- November 12, 2009: Teleconference with representative from Super Job Training Initiative (JTI) to assist in preparations for the Super JTI team visit.
- November 12, 2009: Teleconference with EPA and DTSC about the potential for using the Seaside RQA area as a borrow area for soil to be used as fill in the adjacent Eucalyptus Road corridor for the next round of GJMB construction.
- November 12, 2009: Meeting with ESCA contractors about the County and Seaside legal descriptions and plat maps for the Phase 1 Parker Flat's deed amendments and the Cemetery Transfer
- November 13, 2009: Received the Army's summary of comment letter on the Draft Final Analysis of the 2007 Community Survey, Fort Ord California.
- November 13, 2009: Provided an update to the FORA Board of Directors on the progress of the ESCA Program.
- November 16, 2009: Monthly Army Munitions Response Base Cleanup Team (MR BCT) meeting.
- November 16, 2009: Received the Army's notice that they may conduct a prescribed burn on a portion of the inland ranges. The ESCA team is responding on all levels to compensate for the Army prescribed burn effort field movement and the drawdown in BRAC team staff.
- November 16, 2009: FORA Special Counsel sent the proposed edits to the Parker Flats Deed Amendments for approval to the Army Corps of Engineers' representative.
- November 16, 2009: Monthly Regulatory meeting.
- November 17, 2009: Teleconference with QAOP to discuss the RQA Pilot Study QA Report.
- November 18, 2009: Prepared the deed amendments for Seaside, Monterey and Monterey Peninsula College (MPC) deeds in Parker Flats Phase 1 for FORA Executive Officer's signature.
- November 18, 2009: Communication with the Army and Kutak Rock, FORA's Special Counsel, on the quality of the FOSET 5 Deed Amendments and the process needed to edit to the required quality standards.

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November 24, 2009: Attended the General Jim Moore Blvd. (GJMB) bid opening to meet the selected contractor and provide them with the ESCA notification and construction support requirements.

November 25, 2009: Meeting with FORA Engineering Department about the options for getting the portion of Eucalyptus Road corridor east of the previous TIP prepared for the FORA Engineering Team to add to the upcoming GJMB contract work that was bid yesterday.

November 25, 2009: Provided the Presidio of Monterey (POM) with approval for the 229th to use the MOUT facility for three days during the January to March 2010 time frame.

November 25, 2009: Communication with Environmental Protection Agency (EPA) about the options for getting the portion of Eucalyptus Road corridor east of the previous TIP prepared for the FORA Engineering Team to add to the upcoming GJMB contract work that was bid November 24, 2009.

November 25, 2009: Meeting with ESCA contractor to discuss and call Judy Huang about the options for getting the portion of Eucalyptus Road corridor east of the previous TIP prepared for the FORA Engineering Team to add to the upcoming GJMB contract work that was bid November 24, 2009.

November 25, 2009: On-site meeting with ESCA contractor (Field Manager) about the status of the ESCA Field work.

November 30, 2009: Conference call with the Regulators about how to handle the addition of about 2,500 LF of Eucalyptus Road located on ESCA property to the current GJMB Eucalyptus road contract.

November 30, 2009: Conference call with Regulators about how to handle reporting the 2 - 40mm projectiles found on ESCA property November 19, 2009 while UXO field crews were checking for erosion damage to future remediation areas.

November 30, 2009: Communication with representative from POM to discuss the impact of the 229th's request for "set-up" days at the MOUT site.

November 30, 2009: Reviewed and provided comments on the "Response to Comments" on Track 1 Plug-In Approval Memorandum."

December 2, 2009: Reviewed various ESCA documents for past response to comments presented by FOCAG that address the same or similar questions presented by FOCAG to the Supervisor Parker's office.

December 2, 2009: Sent the Army the Draft Response to Comments for the Track 1 Approval Memorandum for the Army's review and use.

December 2, 2009: Field meeting with ESCA contractors to review the progress in the field.

December 2, 2009: Preparation for and reviewed the agenda for the upcoming monthly ESCA Regulatory meeting.

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- December 2, 2009: Communication with ESCA contractor (Safety Officer) to request that they "daisy chain" the locks at the General Jim Moore gate.
- December 2, 2009: Provided information to the County Sherriff's Department on the status of land ownership for the ESCA property and existing agreements detailing that the Jurisdictions provide Emergency services as soon as the property transfers to FORA.
- December 3, 2009: Meeting with ESCA contractor on the memorandum describing the past discussions that FORA, Department of Toxic Substances Control (DTSC) and the rest of the ESCA team have had on the request to add an additional portion of Eucalyptus Road to the current GJMB and Eucalyptus Road work contract.
- December 3, 2009: Sent the Regulators a memorandum describing the past discussions that FORA, Department of Toxic Substances Control (DTSC) and the rest of the ESCA team have had on the request to add an additional portion of Eucalyptus Road to the current General Jim Moore Boulevard (GJMB) and Eucalyptus Road work contract.
- December 3, 2009: Reviewed and approved the Quality Assurance Oversight Professional (QAOP) invoice for November's ESCA Third-Party Quality Assurance (QA) work.
- December 7, 2009: Conference call with ESCA contractors to review the upcoming monthly Regulatory meeting agenda and materials scheduled for December 8th in Emeryville.
- December 8, 2009: Received and reviewed QAOP's edited report for the geophysical work in the Residential Quality Assurance (RQA) Pilot Study.
- December 8, 2009: Monthly Regulatory meeting (Emeryville).
- December 9, 2009: Sent the Administrative Order on Consent (AOC) Monthly Program Report to Regulators.
- December 10, 2009: Received the Army comments about the Track 1 Plug-In Approval Memorandum County North Munitions Response Area - Response to Comments.
- December 10, 2009: Received the Environmental Protection Agency (EPA) Draft Group 4 Remedial Investigation/Feasibility (RI/FS) Work Plan comments.
- December 14, 2009: Sent the draft RQA Pilot Study Third-Party RQA report from QAOP to ESCA team.
- December 14, 2009: Completed the Draft Fort Ord Reuse Authority Biennial Hazardous Waste Report for the lead-based paint (LBP) building debris from the ESCA property in Parker Flats and sent to DTSC for their review and comment.
- December 15, 2009: Communication with QAOP requesting the draft RQA Pilot Study Third-Party Residential Quality Assurance (RQA) report.
- December 15, 2009: Conference call with the Regulators.
- December 15, 2009: Bi-weekly teleconference call with ESCA RP team.

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December 15, 2009: Meet with ESCA contractor (biologist) and the Burn Specialist to review their thoughts about the viability of burning the habitat parcels in East Garrison in preparation for the ESCA remediation in that area.

December 17, 2009: Collected photos of current GJMB construction and forwarded to DTSC.

December 17, 2009: Communication with EPA and DTSC representatives about CERCLA questions as posed by Supervisor Jane Parker's office.

December 21, 2009: Communication with BRAC office about Garrison Commander approval of Fitch Park flyer regarding possible detonation near area. Garrison Commander will review the fact sheet and produce a draft for review today. BRAC staff will also develop an accompanying telephone message.

December 21, 2009: Sent the Regulators and the Army the FTP link to QAOP's third-party geophysical review of the RQA Pilot Study site.

December 21, 2009: Requested a construction schedule from the GJMB contractor.

December 21, 2009: ESCA team provided the GJMB construction crew with initial MEC training.

December 22, 2009: Continued coordination with BRAC office regarding revisions to Fitch Park flyer/fact sheet. Received final approval redesigned Fitch Park flyer from EPA and DTSC.

December 22, 2009: Provided a copy of the GJMB construction schedule to ESCA contractors.

ESCA Grant Funds Spent- This Quarter- Total to date

See the attached Financial Report form 272.

Upcoming work for the next reporting Quarter

In the upcoming Quarter FORA and FORA's Remediation team will:

1. Continue program management;
2. Continue Residential Quality Assurance Pilot Study activities.
3. Continue Munitions and Explosives of Concern Remediation in habitat and development areas of Parker Flats.
4. Work on various Documents for ESCA Group 2, ESCA Group 3 properties, ESCA Group 4 properties and in support of the Army's Track One Approval Memorandum.

Technical or Regulatory issues that may impact project schedule

N/A

Status of comments submitted by Army on documents submitted by FORA

N/A

Status coordination of MEC documents with DDESB

N/A

Corrective Measures Implementation Reports

N/A

Corrective Measures Effectiveness Report

N/A

Needed Notifications in accordance with the ESCA

N/A

Changes to the Administrative Order on Consent

N/A

Summary of public participation – This Quarter- Next Quarter

Public Participation during this Quarter was extensive including; hosting ESCA Property Users Group monthly meetings, hosting Emergency Service provider monthly meetings to focus on the ESCA parcel management, providing ESCA Tours for *officios* and other jurisdiction representatives, developing agreements between FORA, the Army Presidio of Monterey and Army Defense Language School, the Universities and the jurisdictions so they can continue to operate existing programs that were initiated under ownership of the ESCA properties (such as use of the MOUT site). Continue to participate with the Army in their Community Involvement Workshop and Technical Review Committee meetings, participated in public outreach events such as California State University Monterey Bay (CSUMB) Earth Day and Club Showcase Day, Marina Air Faire and the Monterey County Fair. ESCA held an Informal Community Workshop to update the public on the recent and upcoming ESCA RP work.

FORA's critical outreach dates and public participation completed within this Quarter are:

October 1, 2009: FORA/BLM/Army joint trash pickup day planning conference call.

October 2, 2009: ESCA Hotline updates.

October 2, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.

October 5, 2009: Meeting with representatives from the Monterey Horse Park to discuss coordination for their annual horse ride and ESCA cleanup work.

October 5, 2009: Meeting with Monterey County Police Activity League to change the date for their foot race event on ESCA roads to January 17, 2010 due to a conflict with another local foot race run by the Big Sur Marathon.

October 6, 2009: Forwarded correspondence from Fort Ord Community Advisory Group (FOCAG) to ESCA contractors and Army.

October 7, 2009: Meeting with California State University Monterey Bay (CSUMB) Police, University of California Santa Cruz (UCSC) MBEST Property Manager, BLM law enforcement, County property management and FORA on controlling off-road vehicle access and vandalism on the properties south of Reservation Road and east of Imjin Road including the northern ESCA parcels that are south of Inter-Garrison Road and east of Schoonover Avenue.

October 7, 2009: Monthly Emergency Service Coordination meeting.

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- October 8, 2009: FORA/BLM/Army joint trash pickup day planning conference call.
- October 8, 2009: Summary Notes for the meeting with CSUMB Police, UCSC MBEST Property Manager, BLM Enforcement, County property management and FORA on controlling off road vehicle access on the properties south of Reservation Road and east of Imjin Road including the northern ESCA parcels that are south of Inter-Garrison and east of Schoonover Road.
- October 8, 2009: Sent out transmittal letters for the Draft Group 4 RI/FS Work Plan, FORA ESCA Remediation Program, Former Fort Ord, Monterey, California for the regulators and members of the public.
- October 8, 2009: Reviewed the final draft of the ESCA newsletter.
- October 8, 2009: Dry-run for Community Involvement Workshop (CIW) presentation scheduled for next week.
- October 8, 2009: Monthly Veterans Cemetery Citizens Advisory Committee meeting.
- October 9, 2009: ESCA Hotline updates.
- October 9, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- October 9, 2009: Preparation for public outreach event on 10-10-09 (11th Annual Marina Air Faire).
- October 10, 2009: ESCA RP staffed an information booth at the 11th Annual Marina Air Faire at the Marina Municipal Airport.
- October 12, 2009: Debrief communication to ESCA team, Regulators and the Army about the Marina Air Fair where the ESCA RP was represented.
- October 14, 2009: Quarterly Army Community Involvement Workshop (CIW) and presented a status report on the ESCA Program.
- October 14, 2009: FORA Administrative Committee meeting and provided a status report on the ESCA Program.
- October 15, 2009: Quarterly Technical Review Committee meeting and presented a status report on the ESCA Program.
- October 15, 2009: EPA Super JTI Kick Off meeting to explore the job training opportunities that are within the ESCA and on Fort Ord.
- October 15, 2009: FORA/BLM/Army joint trash pickup day planning conference call.
- October 16, 2009: ESCA Hotline updates.

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- October 16, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- October 20, 2009: Laguna Seca Pre and Post Event meeting to insure that any impacts on the ESCA properties would be addressed.
- October 21, 2009: Communication with Central Coast Cyclo-Cross (CCCX) requesting a meeting to discuss their event attendee's motor vehicle speeds as they drive to their events through ESCA property.
- October 21, 2009: Monthly ESCA Users Working Group meeting.
- October 22, 2009: FORA/BLM/Army joint trash pickup day planning conference call.
- October 23, 2009: ESCA Hotline updates.
- October 23, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- October 23, 2009: Preparation for public outreach event on 10-24-09 (ESCA RP Volunteer Trash Pickup Day). Prescreening of illegal trash piles by Weston UXO Technicians.
- October 24, 2009: Volunteer Trash Pickup Day on the ESCA parcels known as County North. The event hosted 200 volunteers. 4 dumpsters of Trash were picked up. The County Illegal Dumping Task Force supported the event. FORA, LFR and Weston provided event support staff. The Monterey Regional Waste management District provided disposal vouchers for the collected trash.
- October 26, 2009: Meeting with representatives from Monterey County Illegal Dumping Task Force. They delivered a third disposal voucher for the trash picked up at the ESCA RP Volunteer Trash Pickup Day.
- October 26, 2009: Sent out thank you notes for the participants in the ESCA RP Volunteer Trash Pickup Day.
- October 28, 2009: Distributed a summary of the October 24 ESCA RP Volunteer Trash Pickup Day on the ESCA property known as County North.
- October 28, 2009: Teleconference call with ESCA contractor (community outreach/public involvement) about coordination of future events, media, presentation and preparation for upcoming meetings in November.
- November 3, 2009: Reviewed and edited the Army minutes for the ESCA update from the last Community Involvement Workshop (CIW).
- November 3, 2009: Meeting with representative of Umatilla Chemical Depot (UMCD) Local Reuse Authority (LRA) in northeastern Oregon to review the ESCA Program and privatized cleanup.
- November 4, 2009: Monthly Emergency Services Coordination meeting.

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- November 6, 2009: ESCA Hotline updates.
- November 6, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- November 9, 2009: Received the Army BRAC office's response to Fort Ord Community Advisory Group's (FOCAG) information request on August 12, 2009 and FOCAG August 10, 2009 community meeting.
- November 9, 2009: Prepared the FORA Board PowerPoint ESCA Update for the November FORA Board meeting.
- November 9, 2009: Received a copy of the proof of insurance for the upcoming Equestrian Endurance Ride that will use a section of trail running through ESCA property similar to their course from last year. The section of trail diverts riders to just inside the future horse park property so the event can highlight this future community asset.
- November 12, 2009: Received a letter from the California Native Plant Society informing the ESCA that David Styer (Bureau of Land Management volunteer and member of the Fort Ord Users Working Group) is their agent and they will provide him with insurance coverage that will meet FORA's needs.
- November 12, 2009: Monthly Veterans Cemetery Citizens Advisory Committee meeting.
- November 13, 2009: ESCA Hotline updates.
- November 13, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- November 16, 2009: Provided office space for the EPA Super JTI team for the purpose of interviewing potential community partners for collaboration in a Fort Ord Job Training Initiative including the ESCA Program.
- November 16, 2009: Reviewed and revised the Horse Parks' Desert Gold Multiday 2009 Event Master and Subordinate Vehicle Access Permit.
- November 17, 2009: First dry run for the upcoming Informal Community Workshop scheduled for December 10, 2009.
- November 17, 2009: Meeting with the EPA Super JTI team to identify potential community partners to collaborate in a Fort Ord Job Training Initiative including the ESCA Program.
- November 17, 2009: Meeting with the representative from the Monterey Horse Parks' Desert Gold Multiday 2009 endurance trail ride to provide a Master Vehicle Access Permit for their Thanksgiving event.
- November 18, 2009: Monthly ESCA Users Working Group meeting.
- November 18, 2009: Meeting with representatives from the Veterans Cemetery Community Advisory Group (CAC) to identify locations for cemetery signs to be placed on ESCA property. The Cemetery is an ESCA property.

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- November 18, 2009: Meeting with representative from the Central Coast Cycle-Cross (CCCX) to identify the 2010 CCCX access needs.
- November 18, 2009: Dry Run for December 10, 2009 Informal Community Workshop with the ESCA Team.
- November 20, 2009: ESCA Hotline updates.
- November 20, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- November 23, 2009: Received the EPA's comments on the Draft Group 2 RI/FS via mail.
- November 23, 2009: Received comments from the Fort Ord Community Advisory Group (FOCAG) on the ESCA Draft Group 2 Remedial Investigation/Feasibility Study (RI/FS) Work Plan via facsimile. Distributed copies to the ESCA team.
- November 23, 2009: Provided the Monterey County Sherriff and Risk Management Departments with a tour of the ESCA properties.
- November 24, 2009: Created the Board Report for the Veterans' Cemetery request to install signs on the ESCA property.
- November 25, 2009: Received the hard copy of the FOCAG comments on the Draft Group 2 RI/FS and distributed it to the ESCA Team to begin assembling responses.
- November 25, 2009: ESCA Hotline updates.
- November 25, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- November 30, 2009: ESCA Hotline updates.
- November 30, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- December 1, 2009: Provided revisions to a memorandum notifying the Army of a possible controlled MEC detonation during cleanup in the area adjacent to Fitch Park area.
- December 1, 2009: Conference call with representatives of County of Monterey to provide background information on questions received in Supervisor Jane Parker's office from the Fort Ord Environmental Justice Network, Inc. (FOCAG).
- December 1, 2009: Created an updated handout of a map of current work areas and a short informational article about the ESCA Remediation Program for local area bicycle shops.
- December 1, 2009: Distributed the new ESCA handout to the bicycle shops in Seaside and Marina.
- December 2, 2009: Reviewed the Agenda for the December 10, 2009 ESCA Informal Community Workshop.

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- December 2, 2009: Monthly Emergency Services Coordination meeting.
- December 2, 2009: Communication from the Monterey County Search and Rescue Dogs (MCSARD) team that the combination lock at Inter-Garrison gate had been locked out by the other lock. The situation was corrected by the ESCA contractor (Safety Officer).
- December 2, 2009: Provided the Veterans Cemetery Citizen's Advisory Committee (CAC) with a copy of the upcoming FORA Board report on their signage for their next meeting.
- December 2, 2009: Provided review and revisions to the signs drafted by the Veterans' Cemetery CAC. They want to install the signs on ESCA property at the location of the future Veterans Cemetery.
- December 2, 2009: Meeting with representatives of the Sea Otter Classic to coordinate their road race course for their 2010 event so that it does not conflict with the ESCA field work at that time.
- December 3, 2009: Coordination meeting with ESCA contractors to prepare for the ESCA December 10th Informal Community Workshop.
- December 3, 2009: Conference call with Veterans Cemetery CAC President and the Ingram Group representative about the signage for the Veterans Cemetery that will be installed on ESCA property.
- December 4, 2009: ESCA Hotline updates.
- December 4, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- December 7, 2009: Meeting with ESCA contractor to review and finalize the posters for the upcoming Informal Community Workshop.
- December 7, 2009: Tour of Veterans Cemetery site (an ESCA property) with Ingram Group representative specializing in grant writing for the Veterans Cemetery CAC.
- December 9, 2009: Dry run for the Informal Community Workshop.
- December 9, 2009: Meeting with Eric Peterson to review requirements for using the roads through the ESCA properties for a road bike race event that would also utilize Monterey County, Army and Bureau of Land Management (BLM) roads.
- December 10, 2009: Monthly Veterans Cemetery (CAC) meeting.
- December 10, 2009: Evening (6:00 to 8:30) Informal Community ESCA Workshop by the ESCA team.
- December 10, 2009: Meeting with California State University Monterey Bay (CSUMB) student to discuss expanding his graduate studies on animal tracking and surveying onto ESCA property.

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- December 10, 2009: Represented the ESCA team at the Monterey Peninsula College (MPC) Police Academy Open House. The Police Academy will be taking over the MOUT facility (ESCA property) and a large portion of Parker-Flats, in the future.
- December 11, 2009: ESCA Hotline updates.
- December 11, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.
- December 14, 2009: Received confirmation from the Army that they had received a copy of the FOCAG comments about the draft Group 4 RI/FS document.
- December 14, 2009: Received the FOCAG comments about the Draft Group 4 RI/FS document.
- December 14, 2009: Sent copies of the FOCAG comments about the Draft Group 4 RI/FS document to ESCA contractor for submission to the Administrative Record.
- December 14, 2009: Provided County Supervisor Jane Parker's aide with a response to questions posed by FOCAG about the rationale for following CERCLA guidelines for the ESCA Munitions and Explosives of Concern (MEC) remediation.
- December 15, 2009: Meet with the FORA Engineering staff and their selected contractor to complete the GJMB Construction work through the ESCA properties in Seaside and provide them with guidelines for requesting and receiving construction support for their activities from the ESCA team.
- December 15, 2009: Meeting with representatives of the Monterey County Parks to inspect the illegally-built BMX track on County property immediately adjacent to the ESCA property. Discussed steps to take in removing the track and minimizing repercussions, reprisals, and/or vandalism on County and ESCA lands.
- December 15, 2009: Received the hard copy of the FOCAG Draft Group 4 RI/FS Work Plan via mail.
- December 15, 2009: Replied to questions by Supervisor Jane Parker's Aide about the ESCA project.
- December 15, 2009: Replied to questions by Supervisor Parker's Aide Kristie Markey about the ESCA project.
- December 16, 2009: Reviewed the text for an ESCA section for the CSUMB website.
- December 16, 2009: Monthly ESCA Users Working Group meeting.
- December 16, 2009: Reviewed the Veterans Cemetery signage that will be located on their site (an ESCA property).
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- December 18, 2009: ESCA Hotline updates.

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December 18, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.

December 22, 2009: Assisted Central Coast Cyclo-cross and the Monterey County Police Activities League work out conflicting uses of roads through Fort Ord ESCA properties for events scheduled for January 17, 2010.

December 22, 2009: Provided a Vehicle Access Permit to support the Monterey Peninsula Audubon Society Christmas Bird Count on December 28, 2009.

December 23, 2009: ESCA Hotline updates.

December 23, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.

December 30, 2009: Provided a Vehicle Access Permit to support the Monterey County Police Activities League for their event scheduled for early January 2010.

December 31, 2009: ESCA Hotline updates.

December 31, 2009: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.

Below is a listing of the total number of calls the ESCA Hotline received at (831) 883-3506 and ESCA-dedicated email for the third quarter of 2009. Members of the community called/emailed with questions regarding the ESCA Properties Volunteer Trash Cleanup Day and information about other ESCA-related events and meetings; questions about detonations/demolition activities; received RSVP's for Users Working Group meetings; request for information about Bureau of Land Management and trail system; inquiries about safety access corridors; reports of illegal dumping locations on ESCA property; questions about MEC related vegetation removal; questions about when vehicle access permits are necessary, how to get and who may apply for one; and, general questions about the ESCA RP, website and hotline information.

	<u>ESCA Hotline</u>	<u>ESCA e-mail</u>	<u>ESCA website hits</u>
October 2009:	14	102	3,752
November 2009:	7	139	2,972
December 2009	<u>10</u>	<u>155</u>	<u>2,391</u>
TOTAL	31	396	9,115

Project Updates to Coordinated Resource Management Planning meeting

FORA's critical dates, Coordinated Resource Management Planning meeting updates completed within this Quarter are: N/A