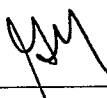
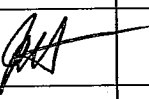

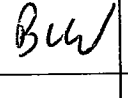
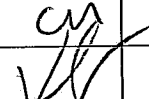
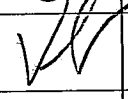
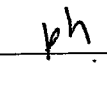


SUBJECT: MR BCT Meeting
9:00 am - March 24, 2010
DTSC Offices, Sacramento

Check ()	Name	Organization	Phone	E-mail address
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	John Chesnutt	U.S. EPA	415-972-3005	Chesnutt.john@epa.gov
	Judy Huang	U.S. EPA	415-972-3681	Huang.judy@epa.gov
	Lewis Mitani	U.S. EPA	415-972-3032	mitani.lewis@epa.gov
	David Eisen	COE	831-393-9692	David.Eisen@usace.army.mil
	Bruce Wilcer	MACTEC E&C	707-793-3887	blwilcer@mactec.com
	Chieko Nguyen	Fort Ord BRAC	831-899-7372	Chieko.nguyen@us.army.mil
	Lyle Shurtleff	Fort Ord BRAC	831-242-7919	Victor.L.Shurtleff@us.army.mil
✓	Derek Lieberman	Fort Ord BRAC	831-242-4873	Derek.S.Lieberman@us.army.mil
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SUBJECT: MR BCT Meeting
9:00 am - March 24, 2010
DTSC Offices, Sacramento

Check ()	Name	Organization	Phone	E-mail address
ph	Clinton Huckins	COE	831-884-9932	Clinton.j.huckins@usace.army.mil
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C.S.	Cary Stibel	fort ord BRAC		
	Jan Moser	Shaw	831 883 5812	
B	Kristie Reimer	ESCA RP	831 384-3221	Kristie.Reimer@lfr.com

SUBJECT: MR BCT Meeting
9:00 am - March 24, 2010
DTSC Offices, Sacramento

Check ()	Name	Organization	Phone	E-mail address
ph	chuck NYaun	shaw		

MR BCT Meeting Agenda

March 24, 2010 at 9:00 am

Item	Action	Comment
Property Transfer	Update	
ESCA Update (FORA)	Update	
Community Relations	Update	
Fieldwork & Track 3 Update	Update	-E20c.1 -Units 18/22 -Units 14/19 -Units 15/21/32/34 -Non-burn areas -Annual inspection of surface removal areas
Site Security Program	Update	
Remaining RI/FSs	Update	
Track 2 DRO MRA RD/RAWP	Update	
Report Status	Update	
FFA Schedule	Update	
Action Items	Update	
Next BCT meeting	Schedule	13 April 2010 9:00 am 12 May 2010 10:00 am

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). Draft deed reviewed and sent back to USACE, forwarded to FORA for review on March 16, 2010.
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. USACE is reviewing assignment letter.

FOST 11:

1. Parcels L2.3 and L2.4.1 in Parker Flats MRA.
2. January 2010 – Army Environmental Law Division (ELD) and Army BRAC review of Draft FOST complete.
3. March 2010 – FOST issued for regulatory agency review. Draft MEC-related CRUP also issued to DTSC. Comments requested by March 31, 2010.

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. February 2010 – USACE revising deed amendments.
4. March 2010 – USACE submitted draft deed amendment to FORA for review.

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.
4. February 2010 – signature packages submitted to USACE HQ through San Francisco District.
5. March 2010 – signature packages in Washington, DC.

Army Community Involvement Update

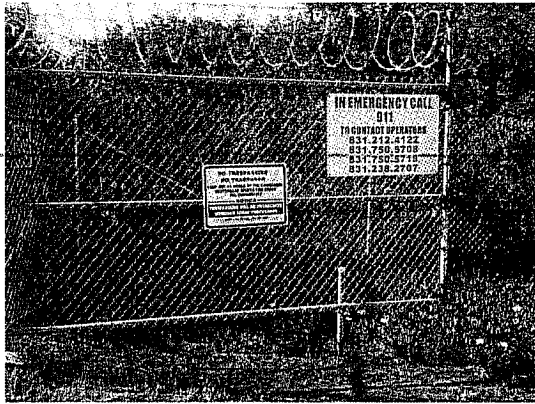
MR BCT

~~24APR10~~ ^{MAR}

1. Meeting with Fort Ord Environmental Justice Network, March 10
 - a. Topic: Administrative Record
 - b. Suggestion regarding signs
2. Proposed changes to Community Involvement Workshop
 - a. Short presentations
 - b. Emphasis on poster session/open house
3. 2010 Prescribed Burn Program Direct Notification Plan
 - a. Schedule of Activities
 - b. Community Comment (Marina in Motion)
4. Upcoming activities
 - a. 13APR Salinas High School- Senior Career Discussion Panel
 - b. 14APR Community Involvement Workshop (Topics: Prescribed Burn 2010 and ESCA)
 - c. 15APR Technical Review Committee (Topics: Prescribed Burn 2010 and ESCA)
 - d. 20APR Earth Day California State University Monterey Bay
 - e. 24APR Hike inside Impact Area
 - f. TBD Earth Day Monterey Peninsula College
 - g. TDB Earth Day Monterey Institute International Studies

Signs at Fort Ord Projects

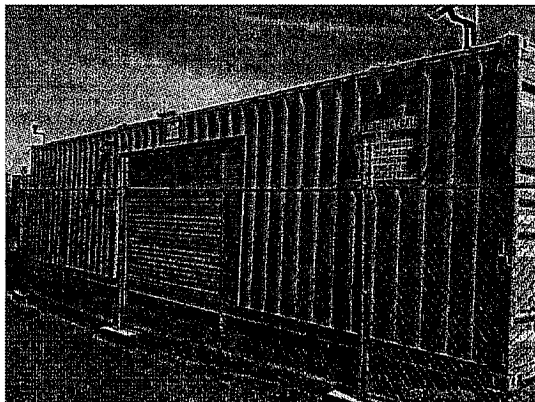
Landfill



OU2 Groundwater



Carbon Tetrachloride



Site 2/12



Community Involvement Workshop

It's time to plan and practice for the April CIW/TRC and associated dry runs. The April CIW/TRC is our traditional presentation on site security; however, we are going to make a few changes.

CHANGE 1: Instead of a site security presentation, Lyle will have a poster session/display area at the CIW and TRC. For future CIWs, we will try to have a poster / display area related to the agenda topic. This is an informal alternative to a presentation. This month, we will substitute a poster session for a presentation topic. During the meeting, we will ask Ben to highlight the poster / display area before the break.

CHANGE 2: We are going to present the 2010 prescribed burn program in April. We usually do this in July, but that seems too late as burn season starts July 1 and we have a lot of draft burn-related reports scheduled for a Springtime/March release.

CIW/TRC Agenda:

1. Prescribed Burn Program (goal of 30-40 minutes total presentation and Q&A time) –Chris Duymich to present
2. ESCA Update/Status Report -Stan Cook to present

Anticipated Comments

1. FOEJN Prescribed Burn Smoke Management. Since the prescription for the prescribed burn was developed to keep smoke from affecting the Monterey Airport, Ms. Stone suggested the smoke was destined/directed to affect the socioeconomically disadvantaged residents of Seaside and Marina who live opposite the airport.
2. FOEJN Smoke complaints. Ms. Stone took several complaints from residents of Preston Park in Marina who were affected by smoke the evening of ignition day (December 10). She also noted a "chemical smell" to the smoke.
3. CAG Prescribed Burn Air Monitoring Plan. Mike Weaver is very interested in the air monitoring report (scheduled for release in March). He may suggest air monitors located close to his home. He may also comment on the amount of smoke near his home during the 2009 prescribed burns.
4. FOEJN USEPA's award of the Technical Assistance Grant (TAG). There may be some comments about the TAG process. Unless the TAG is awarded or close to award, the TAG will not be highlighted during the CIW.

Taskers

TO DO ALL: Pencil in Dry Run 1: 10-Noon April 7. Dial 1-866-893-7101, Participant Code 172915. Or in person review at Building 4463, 1st Floor Conference Room.

TO DO Chris and Stan: Send Melissa your side presentations (pdf) no later than Noon 5APR10

TO DO ALL: Pencil in Dry Run 2: 10-Noon April 14. Dial 1-866-893-7101, Participant Code 172915. Or, in person review at Building 4463, 1st Floor Conference Room.

The CIW will be held at the Marina Library 14APR10, 6:30 - 9:30.

The TRC will be held at in Building 4463, Fort Ord BRAC office 15APR10, 10:00 – Noon.

Melissa Broadston

Fort Ord Cleanup Community Involvement

831-393-1284

NEW: Melissa.Broadston@us.army.mil

Fort Ord Prescribed Burn Notification Tasker List

TASK	SCHEDULE
Issue press release of upcoming fuel break enhancement Presidio of Monterey Public Affairs Office (PAO) to Release	As needed
Issue pre-burn press release - Season Begins (PAO)	16-Jun
Issue pre-burn newspaper ad - Season Begins (Herald, Weekly, Californian, El Sol)	16-Jun
Contact community organizations: -Schools -Monterey County Health Department -Nursing home operators -Schools -Homeowners associations -Labor/construction/farm worker organizations -Fort Ord Environmental Justice Network	June - July
Send pre-burn letter and flyer to 2009 Direct Notification Program enrollees in 2009, prescribed burn direct notification program (500+), Fort Ord Cleanup general mailing list (750), Fort Ord cleanup e-mail list (2,200), and targeted mailing area -- homes and businesses (10,000) and all community organizations noted above	16-Jun
Post advisory signs (road closure during prescribed burns)	1-Jul
Meet with California State University Monterey Bay (CSUMB) officials	1-Jul
Meet with York School officials	Late August
Meet with Monterey County Health Department	July
Issue pre-burn press release - Mobilization	Fire mobilization
Finalize press releases, provide to PAO -mobilization notice -ignition notice -"possible another burn" notice -completion notice	On-going
Distribute Health Alert developed by Monterey County	As needed
Publish burn season over notices (newspaper, web, direct mail)	As needed

Ms Gail Youngblood
BRAC Environmental Coordinator
BRAC Field Office
P. O. Box 5008
Monterey, CA 93944-5008

March 18, 2010

Subject: Comments and Questions Regarding MRS-BLM Units 15, 21, 32,34 Draft,
2010, Burn Plan, Former Fort Ord (2/11/2010)

Ms Youngblood,

After reviewing the draft burn plan, please except the following observations and comments:

Regarding Appendix E Notification Plan

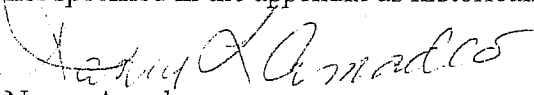
First we would like to compliment all those agencies involved in preparation of the document. The expansion of the notification plan through multimedia sources provides additional outreach throughout the region and is indicative of the commitment to keep all concerned parties properly informed in the most timely manner possible.

You may wish to consider adding the Seaside Post and the Marina Gazette has part of your print media notification where appropriate to do so. Although these papers typically publish only twice monthly they are community based local publications provided free of charge to the public.

Is there anything unique or special regarding the selected areas for burn that would cause any concerns different from previous burns or unduly effect any particular segments of our population? It would be important for people to know beyond the general statements regarding those who may be afflicted by certain physical disorders or concerns for our senior and youth populations.

As a simple matter of background and public understanding why were these four areas selected as the next likely candidates to execute the plan?

Once finalized, is staff available to provide informational presentations to other groups not specified in the appendix as historically notified or general interested parties?



Nancy Amadeo
President
Marina in Motion
3283 Cove Way, Marina, CA 93933
831 236-2235

Hike in the Impact Area

Date: Saturday April 24, 2010

Time: 10:00 a.m. - Noon

Location: Depart from Bureau of Land Management (BLM) Headquarters

Purpose: Illustrate various stages of Munitions and Explosives of Concern Cleanup and other items of interest

BRAC has planned to have a public walk in the Impact Area on Saturday April 24, 2010 from 10am-Noon. We are walking from the BLM Headquarters Office through the Broadway gate to Chinook Road, to Watkin's Gate Road and out to Eucalyptus. This area (as well as the fuel breaks) has already been cleared of munitions. A map of the route is attached. As this is the first time we are having such an event, we are limiting the event to 40 people who must RSVP. We already have 23 people signed up. We will use the BLM HQ parking area and BLM is also letting everyone use their restrooms.

We have already completed preliminary coordination with BLM and they will be co-sponsoring/helping-out with the walk. BLM will discuss the history of the BLM HQ and the future use of the area we walk around. We will restrict people to the 45' fuel break.

Tour highlights include:

1. Ranges 39 and 40
 - a. Small arms and 3.5" rockets
2. Burn Units 18, 19, and 22
 - a. Surface Clearance
 - b. Regrowth of vegetation
3. Burn Units 14 and 19
 - a. Surface Clearance
 - b. Regrowth of vegetation
4. Range Related Debris
5. Overview Vegetation Regrowth from Prescribed Burns in 2008 and 2009
6. Vernal Pool
7. Overview of Munitions Response Site 16

There are trail markers for these points of interest.

We will have one docent and two person dedicated to "sweeping/herding" for each group of ten participants.

Docents:

Bill Collins
Lyle Shurtleff
Melissa Broadston
Chris Duymich

Sweepers:

Chieko Nozaki
Gail Youngblood
Stan Cook
Chris Prescott

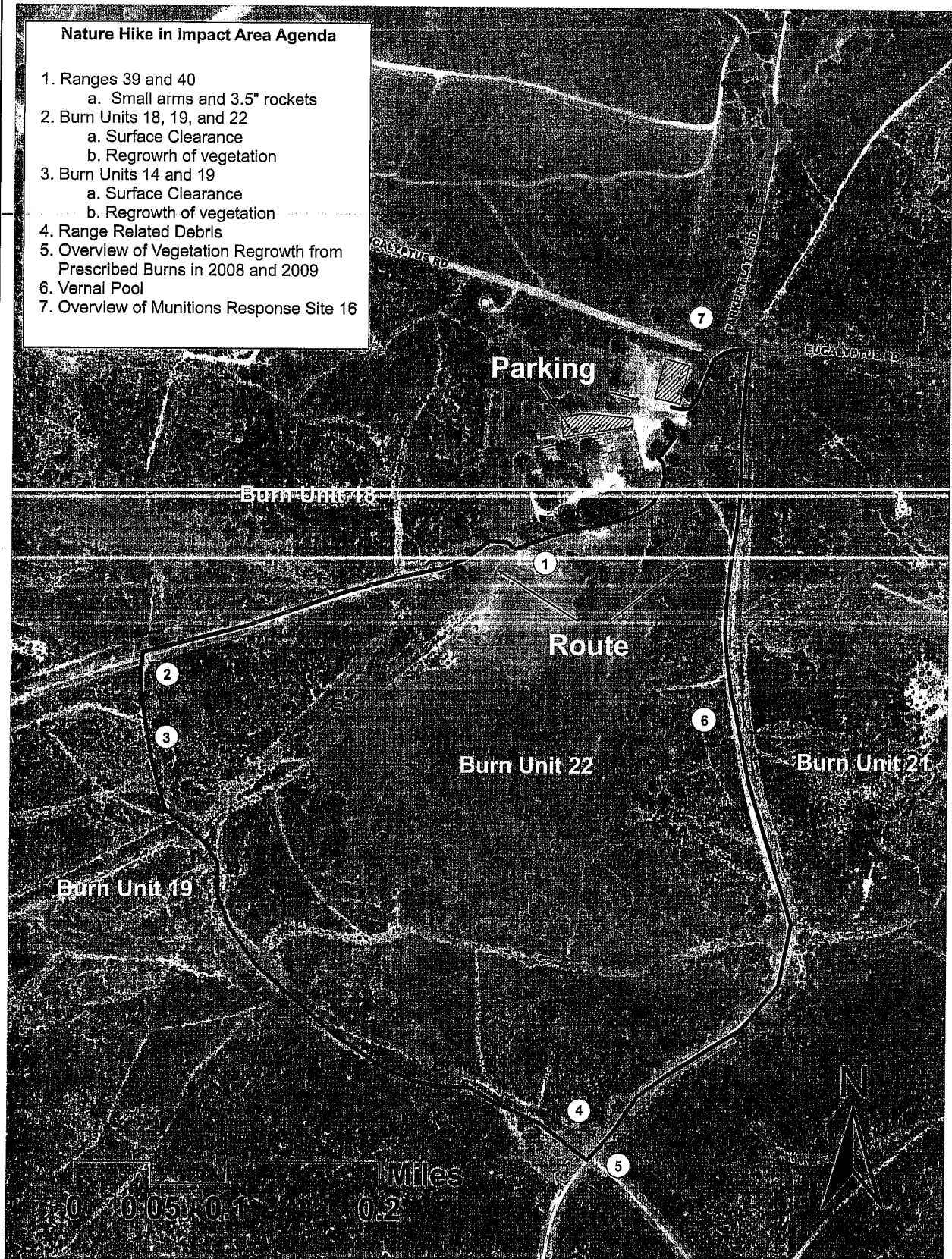
OE Safety Briefing: Huck Huckins

"Behind The Lines" Nature Hike Inside The Fort Ord Impact Area

Saturday April 24, 2010

Nature Hike in Impact Area Agenda

1. Ranges 39 and 40
 - a. Small arms and 3.5" rockets
2. Burn Units 18, 19, and 22
 - a. Surface Clearance
 - b. Regrowth of vegetation
3. Burn Units 14 and 19
 - a. Surface Clearance
 - b. Regrowth of vegetation
4. Range Related Debris
5. Overview of Vegetation Regrowth from Prescribed Burns in 2008 and 2009
6. Vernal Pool
7. Overview of Munitions Response Site 16



Fort Ord Military Munitions Response Program Fieldwork Update

3/19/2010

victor.l.shurtleff@us.army.mil

1

MMRP Fieldwork Update

PROJECT: E20c.1 (some acreage)

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 HE 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

1-18-10

1-19-10

ISSUES AND CONCERNS:

- Local residents and POM command have been advised of activities.
- DGM findings inconclusive

3/19/2010

victor.l.shurtleff@us.army.mil

2

MMRP Fieldwork Update

PROJECT: MRS-BLM Unit 14 and 14A (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	2-10-10
- DGM	02-02-10	(04-23-10)
- Subsurface remediation, limited		

ISSUES AND CONCERNS:

- Subsurface remediation requires confirmation w/BLM (Tech Memo)
- Pipeline (North Unit 14) removal complete. Further action pending BLM coordination.
- DGM at 40% complete.

3/19/2010

victor.l.shurtleff@us.army.mil

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	01-16-09
- vegetation cutting	12-07-09	01-22-10
MEC Removal		
- Surface remediation	02-01-10	03-19-10
- DGM	(04-26-10)	(07-12-10)
- Subsurface remediation, limited		

ISSUES AND CONCERNS:

- Surface removal complete. Detonations complete.
- 5-40mm HE Grenades destroyed during surface removal.

3/19/2010

victor.l.shurtleff@us.army.mil

DRAFT
SITE-SPECIFIC WORK PLAN
HISTORICAL AREAS 39 AND 40 REMEDIAL ACTION
SITE 39 INLAND RANGES

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List of Acronyms and Abbreviations

Army	Department of the Army
BO	Biological Opinion
CTS	California Tiger Salamander
cy	cubic yard(s)
DGM	Digital Geophysical Mapping
GPS	Global Positioning System
HA	Historical Area
HFD	Hazardous Fragment Distance
HMP	Habitat Management Plan
LDSP	Land Disposal Site Plan
MEC	munitions and explosives of concern
MRP	Monitoring and Restoration Plan
m	meter
mm	millimeter
MPPEH	material potentially presenting an explosive hazard
MPS	MEC Procedures Supplement
MSD	minimum separation distance
OU2	Operable Unit 2
QC	quality control
RD/RAWP	Remedial Design/Remedial Action Work Plan
REZ	remedial exclusion zone
ROD	Record of Decision
SOP	standard operation procedures
SSWP	Site Specific Work Plan
SUXOS	Senior UXO Supervisor
USACE	U.S. Army Corps of Engineers
UXO	unexploded ordnance

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Table 2-1	Depth of Penetration Results for Recovered MEC in HAs 39 and 40 Requiring Soil Remediation within the Impact Area
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Figure 1-1	Site Location Map, HAs 39 and 40
Figure 1-2	Remediation Areas at HAs 39 and 40
Figure 2-1	MEC Items Found and Minimum Separation Distance, HAs 39 and 40

1.0 Introduction

This Site Specific Work Plan (SSWP) presents details regarding the remediation at Historical Areas (HAs) 39 and 40 located within Site 39 Inland Ranges at the former Fort Ord, Monterey County, California (Figure 1-1). This SSWP is being issued under a field work variance as Appendix H to the *Final Remedial Design/Remedial Action Work Plan, Site 39 Inland Ranges and OU2 Landfills, Area E Construction, Former Fort Ord, California* (Site 39 RD/RAWP) (Shaw, 2009). Shaw Environmental, Inc. (herein referred to as Shaw) prepared this SSWP on behalf of the U.S. Department of the Army (Army) under the Total Environmental Restoration Contract II (TERC) No. DACW05-96-D-0011.

Applicable munitions and explosives of concern (MEC) standard procedures, protocols, and methodologies that are to be followed are presented in Appendix F, *MEC Procedures, Supplement to Site Specific Work Plan* (MPS) of the Site 39 RD/RAWP. These procedures will be referenced where appropriate, but will not be reiterated herein.

1.1 Background

HAs 39 and 40 were identified as having moderate to high probability of encountering MEC as determined by their former military munitions related land uses (EP 75-1-2) (USACE, 2004), and will require appropriate MEC removal activities prior to soil remediation. Soil remediation was proposed within a 2.4-acre area with depths of excavation ranging from 1 to 3 feet depending on the depth of soil contamination. Approximately 6,500 cubic yards (cy) of lead-contaminated soil will be excavated and transported to the Operable Units 2 (OU2) Landfills from the 2.4-acre area. On-site construction support will be provided for all soil remediation activities subsequent to the MEC removal.

HA 39 was used for small arms from at least 1973 through 1993. HA 39 is also shown on the 1968 training map and is in the area of Range 30 shown on the 1964 training map. The 1973 standard operating procedures (SOP) states that the range was operated by the Rod and Gun Club. The range was still operated by the Rod and Gun Club in 1980. The range had 10 firing points. Review of historical maps indicates that ranges were not present in this location in the mid-1940s and late 1950s.

HA 40/40A appears to have been used as an infiltration course from as early as the mid 1940s through some of the 1960s. Range control records indicate that the infiltration course was used from 1951 through 1973. Training Maps from 1977 indicate that the range was a Command Cadre Range. The SOPs indicate that the range was inactive in 1980 and that it was a 10m .50-cal M2 Combat Pistol range in 1982 and 1984. The ammunition authorized at that time was 38-, .45-, and .50- caliber. The 1991 SOP indicates that the range was an infiltration course.

In 1992 the range was listed as a 10 meter (m) MG, 25m Zero range with 5.56 and 7.62 millimeter (mm) ammunition authorized. Range 40A was used for flame field expediency training.

A summary of historical range use and justification for classification as moderate to high probability of encountering MEC can be found in *Amendment 6 to the 1994 Land Disposal Site Plan for Base Realignment and Closure of Fort Ord, California* (LDSP Amendment 6) (Army, 2008).

1.2 Completed MEC Remedial Action

MEC remedial action within HAs 39 and 40 was originally included in the *Final, Site Specific Work Plan, Munitions and Explosives of Concern Remedial Action, Units 18 and 22, Former Fort Ord, California* (Units 18 and 22 SSWP) (Shaw, 2008). Under the Units 18 and 22 SSWP, surface MEC removal, Digital Geophysical Mapping (DGM) and subsurface MEC removal were to be conducted. Upon completion of MEC remedial action, soil remediation was to be conducted with on-site construction support.

Surface MEC removal and DGM was completed in the proposed 2.4-acre lead remediation area. After completion of the surface MEC removal and initial DGM surveys it was determined that approximately 1.9 acres of the 2.4-acre remediation area contained a high density of subsurface anomalies that would preclude effective QC/QA activities after excavation operations were conducted. Although no anomalies were excavated following the DGM survey, the area exhibited similar DGM characteristics as in the permanent fuel breaks. Additionally, steep slopes within this same area hindered completion of the DGM survey and safe excavation of DGM anomalies. Based on this, subsurface MEC removal was completed in the 0.5-acre area but not in the 1.9-acre area. The different areas are shown in Figure 1-2. Approximately 5,500 cy of lead-contaminated soil will be excavated from the 1.9-acre area.

The subsurface MEC remediation in the 1.9-acre area was postponed until completion of the *Final Record of Decision Amendment, Site 39 Inland Ranges, Former Fort Ord, California* (ROD Amendment) (Army, 2009) so that MEC and lead remediation could be performed at the same time. The ROD Amendment was approved in September 2009, at which time MEC remediation was further postponed to avoid the 2009-2010 wet season to protect two populations of plant species, sand gilia and Monterey spineflower, and a vernal pond. The requirements for habitat management are presented in the *Installation-Wide Multispecies Habitat Management Plan for Former Fort Ord, California* (HMP) (USACE, 1997). Section 3.0 of this report presents the environmental protection plan.

2.0 Combined Subsurface MEC Removal and Remediation Plan

Due to the high density of anomalies in the 1.9-acre area, MEC remedial action using DGM and excavation of discrete anomalies could not be conducted (Section 1.2). A revised approach was designed combining subsurface MEC remedial action and soil remediation. Soil excavation will be conducted following the protocols established in Appendix F incorporating the requirements for excavation of lead-contaminated soil. MEC remedial action using DGM and excavation of discrete anomalies was completed in the remaining soil remediation areas of approximately 0.5 acres (Figure 1-2).

The sequence of field activities includes the following:

- MEC removal action to remove MEC from the soil prior to transport to the OU2 Landfills. Field work will be conducted by the unexploded ordnance (UXO) Field Team.
- Loading, stockpiling, and transporting the MEC-free soil to the OU2 Landfills will be conducted by the Remediation Field Team.
- MEC removal to depth to re-investigate the new surface within the footprint of the remediation areas using "mag and dig". This activity will be conducted by the UXO Field Team.

Within the 0.5-acre area where subsurface MEC remedial action has been completed, soil excavation will be conducted with UXO construction support in accordance with procedures presented in the Site 39 RD/RAWP.

2.1 Field Personnel

MEC removal action will be supervised by a UXO Field Team supported by the Remediation Field Team. After the UXO Field Team has cleared the soil of MEC, then the Remediation Field Team will take over. Loading, stockpiling and transporting of the MEC-free soil will be conducted with on-site UXO construction support. "Mag and dig" of the new surface will be conducted by the UXO Field Team.

The UXO Field Team will be composed of the following personnel:

- Senior UXO Supervisor (SUXOS): Chris Light
- UXO Quality Control (QC) Specialist: Val Valdez
- UXO Safety Officer: Val Valdez
- UXO Technicians

Position responsibilities and team compositions are provided in Section 2.3 of the MPS included as Appendix F to the Site 39 RD/RAWP (Shaw, 2009).

The Remediation Field Team will be composed of the following personnel:

- Remediation Foreman: Steven Bennett
- Contractor Quality Control Systems Manager: Tom Ghigliotto
- Site Safety and Health Officer: Val Valdez
- Equipment Operators
- Field Laborers
- Hauling Subcontractor

2.2 Work Zones

Since field activities are combined, two types of work zones will be established:

- Explosive Safety Exclusion Zone to address the potential presence of MEC
- Remediation Work Zones to address lead contamination in the soil

2.2.1 Explosive Safety Exclusion Zone

The Explosive Safety Exclusion Zone design is to protect the workers and the public during munitions removal activities. All field activities will stop upon encountering MEC. If UXO Technicians suspect the presence of MEC, all personnel other than the UXO Team Leader and a UXO Technician II/III will evacuate to a safe area until a positive determination is met.

The applicable MSDs for subsurface MEC removals at HAs 39 and 40 are provided in Figure 2-1. The MKII grenade was selected as the munition with the greatest fragmentation distance for HAs 39 and 40 and its maximum fragment distance is 390 feet. This item has a hazardous fragment distance (HFD) of 62 feet. The HFD of 62 feet will be used as the MSD for subsurface MEC removal activities. During intrusive soil remediation operations, the only personnel allowed within the MSD will be the equipment operator in armored or otherwise protected equipment. Additional information is presented in the LDSP Amendment 6 (Army, 2008).

Table 2-1 lists the MEC items, range of recovery depths, and maximum calculated penetration depths for these MEC items observed during previous investigations.

2.2.2 Remediation Work Zones

The remediation work zones will consist of the following:

- A Remediation Exclusion Zone (REZ) will be established around the excavation area and areas for stockpiling and transferring soil. Use appropriate signage and barrier

tape to delineate the REZ. Personnel will sign in or out before entering or exiting the REZ.

- A contamination reduction zone will be established adjacent to the REZ. The personnel decontamination area will be the main entrance and egress for personnel from the Support Zone (SZ) to the REZ. Water trucks exiting the REZ will be decontaminated (tires washed) at an equipment decontamination pad before entering the SZ. Delineate these two areas in the field with appropriate signage and barrier tape.
- A SZ will be established as an uncontaminated zone for parking vehicles, break trailers, sanitation facilities, potable water tanks, and receipts of deliveries. Personnel arriving in the SZ will, upon arrival, report to the site office and sign the visitor log.
- The layout of the work zones will be based on physical site characteristics and prevailing wind directions.

2.3 Combined Subsurface MEC Removal and Soil Excavation

In accordance with LDSP Amendment 6, areas where previous activities show high concentrations of MEC, MD, and/or cultural metallic items, excavations utilizing no more than 2-foot lifts will be performed to enhance MEC detection capabilities. The new surface will then be re-investigated with the appropriate detection instrumentation and MEC removal to depth will be completed (Section 2.7).

Soil excavation will be conducted using an armored excavator using armoring and shielding based on Minimum Thicknesses to Prevent Perforation provided in the Fragmentation Data Review Forms provided in Attachment 3 of LDSP Amendment 6 (Army, 2008). Shielding may include mild steel, hard steel, aluminum, LEXAN, Plexiglass, or bullet proof glass. Soil excavation will be conducted using the following procedures:

1. Excavate soil within remediation areas in a maximum of 1-foot lifts. Remediation areas vary in depth from one to three feet below ground surface. During excavation, all personnel except the equipment operator will remain outside the MSD (Section 2.2.1).
2. Spread soil on the ground surface inside the remediation area in 0.5-foot lifts.
3. After the 0.5 foot lift is spread, place the excavator bucket away from the soil to be inspected and shut down the excavator.
4. Conduct technology-aided inspection of soil to remove any MEC or items that resemble MEC. The SUXOS will determine appropriate disposition of these items (Section 2.4).
5. Remove large pieces of non-MEC scrap and debris (e.g. concertina wire, posts, etc)

6. Load MEC-free soil onto trucks for stockpiling and/or transport to the OU2 Landfills for placement in the Area E vertical expansion

2.4 Reporting and Disposition of MEC and MPPEH

Recovered MEC will be treated by detonation. Detonation procedures are provided in Section 2.4.4.7 of the MPS (Appendix F). All MEC will be blown-in-place unless prior authorization is received from the USACE OE Safety Specialist. Items deemed safe to move will be taken to the ESL for later disposition by demolition in consolidation shots. Items that cannot be moved will be destroyed by blow in place procedures. As necessary, UXO Teams will use engineering controls to reduce the fragmentation distance during intentional detonations. The maximum fragment range-horizontal will be used for all unmitigated intentional detonations. Procedures for the disposition of MPPEH are provided in Section 2.4.4.7 of the MPS (Appendix F). Guidance detailed in U.S. Department of Defense Explosives Safety Board DoD 6055.09-STD (DDESB, 2008) will also be applied for handling MPPEH. Operational data (including recovery information such as date excavated, grid location, item type/classification, observed depth, estimated weight, and detailed description) will be recorded for each excavated MEC item. Requirements for MD and scrap management are provided in Section 2.4.4.9 of the MPS (Appendix F).

2.5 Construction Debris Disposal

Shaw will collect economically recyclable debris, such as concrete and asphalt and deliver to an appropriate recycling facility. Recycling will be coordinated with the Army.

Shaw will place vegetative and other non-recyclable debris (e.g., plastic, wood, personal protective equipment, etc.) at Area E as part of the general fill.

2.6 Transportation to the Operable Unit 2 Landfills

Soil will be loaded into on-road trucks by a loader in the REZ. The on-road trucks will remain on the other side of the REZ fence and not allowed into the REZ to avoid cross-contamination and the need for decontamination. A UXO Technician will observe the loading of soil into on-road trucks for transport to the OU2 Landfills. The on-road trucks will be tarped while transporting contaminated soil to the OU2 Landfills on public roads. A UXO Technician will observe the off-loading of soil into the landfill at Area E.

Shaw will implement appropriate traffic control measures and a spill patrol to monitor the traffic route and pick up spills (e.g., soil, debris, etc.) that may occur from the on-road haul trucks. Haul routes and stockpile locations are shown in the Site 39 RD/RAWP (Shaw, 2009).

2.7 MEC Removal to Depth after Soil Remediation using "Mag and Dig"

The new surface within the footprint of the remediation areas will be re-investigated with the appropriate detection instrumentation and MEC removal to depth will be completed. Because the possibility exists for MEC to remain at depths below the maximum remediation depth, "mag and dig" operations will be conducted by the UXO Field Team.

Procedures for subsurface anomaly excavation during "mag and dig" operations are specified in Section 2.4.4.1 of the MPS included as Appendix F to the Site 39 RD/RAWP (Shaw, 2009).

~~The following basic technique will be used for anomaly excavation:~~

- The UXO Technician will locate the anomaly with a hand held magnetometer.
- Until the anomaly is otherwise identified, it will be assumed that the anomaly is MEC. Excavation will be initiated adjacent to the anomaly. The excavation will continue until the excavated area has reached a depth below the top of the anomaly as determined by frequent inspection with a magnetometer, or until the depth of 4 feet is reached.
- Using standard UXO excavating procedures, the item will be exposed for identification.
- Once the item is exposed for inspection, the excavation team will determine if it is MEC. If the item is not MEC, it will be removed and the area will be rechecked with the magnetometer to ensure that a hazardous item is not hidden beneath it.

A commercial backhoe may be used if required by the UXO team to carefully excavate anomalies if they are believed to be at a greater depth than can be efficiently excavated by hand. Procedures for backhoe excavations are included in the MPS included as Appendix F of the Site 39 RD/RAWP (Shaw, 2009).

3.0 Environmental Protection

Section 7.0 of the Site 39 RD/RAWP (Shaw, 2009) describes the approach, methods, and procedures to be employed to protect the natural environment. HAs 39 and 40 are designated as habitat reserve (open space) within the HMP. The HMP identifies specific habitat management requirements that serve to conserve natural habitats.

Historical Areas 39 and 40 are designated as critical habitat for Monterey spineflower. In addition, the California Tiger Salamander (CTS), a federally protected animal, is likely present within both the upland habitat and vernal pool habitat.

3.1 Vernal Pond

A vernal pond occurs at HAs 39 and 40. Disturbance on or adjacent to vernal pools or ponds will be avoided during the wet season. The work schedule will be coordinated with the Army Biologist.

Vernal pool monitoring procedures and measures to avoid or reduce impacts to vernal ponds and vernal pond species are addressed in *Wetland Monitoring and Restoration Plan for Munitions and Contaminated Soil Remedial Activities at Former Fort Ord*, (Wetland MRP, Army/Burleson, 2006). The measures described in this plan will be implemented.

Pre-activity surveys of ponds will be conducted to document the hydrology, vegetation and fauna (CTS and California Linderiella/invertebrate) prior to the start of work.

In general, disturbance in these areas will be limited to that necessary to complete field activities. Access routes will be planned to minimize impacts to vernal ponds, and sensitive plant habitat as much as possible.

3.2 California Tiger Salamander

Below is a summary of the detailed requirements for CTS protection in remediation sites provided in the Wetland MRP:

- Avoid work during the breeding seasons if possible.
- Conduct work within wetland areas in the dry season (approximately June through October) as much as is feasible.
- Mark wetland area boundaries, minimize entry, and implement special measures within the marked areas.
- Mark work boundaries, staging, and storage areas by fencing.

- Provide training sessions on CTS identification and protocols to work crew.

If work occurs during the wet and/or breeding season, implement additional measures in accordance with the Wetland MRP and *Biological Opinion on the Cleanup and Reuse of Former Fort Ord, Monterey County, California, as it affects California Tiger Salamander and Critical Habitat for Contra Costa Goldfields* (BO) (USFWS, 2005). These include the following:

- If a known or potential breeding pond is not dry, Army must survey for, salvage, and relocate or hold any CTS larvae. Coordinate with United States Fish and Wildlife Service (USFWS) as needed.
- For areas in upland habitat within 500m of a known or potential breeding pool, where there will be excavation of greater than 10 percent (or 19 acres) of the upland habitat within the 500m radius of the pool, then drift fence and pitfall trapping of CTS must be conducted from November 30 to March 15 to salvage and exclude all encountered CTS from the remediation area before excavation begins. Proposal for salvage must be submitted to USFWS at least 30 days prior, for review and approval
- Visual inspections must occur in excavation that are 0.05-acre or greater, greater than 6 inches deep, within one kilometer of a known or potential breeding pond, are uncovered at night when it might rain (October 15 through March 31). Visual inspection may be used as alternative to fencing or covering the excavations.
- Inspections must be done once/day, on mornings during rains or 24 hours before or after. For excavations within 200m of breeding habitats, daily from May 15 to August 15 when excavations are uncovered.
- Visual inspections must also occur in excavations that are the same size and depth as given above, are within 200m of a known or potential breeding pool, and are uncovered in period May 15 to August 15, when metamorphosed CTS are leaving ponds.
- Cover boards on bottom of excavation must be provided for shelter during entrapment periods.
- Relocate CTS encountered out of the work boundaries by a qualified Biologist. Dead or injured CTS must be reported in the disposition section of the BO (USFWS, 2005).

3.3 Sand Gilia and Monterey Spineflower

The remediation areas in HAs 39 and 40 occur within known sand gilia and Monterey spineflower habitat. The work will occur during the dry season because of the presence of vernal pond habitat in the area. This will coincide with the period when these plants have completed flowering and most of their seeding. In general, disturbance in these areas will be limited to that necessary to complete field activities. Access routes and staging areas will be planned to minimize impacts to sensitive plant habitat as much as possible, and will be marked clearly with flagging.

4.0 Geospatial Information and Electronic Submittals

Section 7.0 of the MPS included as Appendix F of the Site 39 RD/RAWP (Shaw, 2009) provides geospatial information and electronic submittal procedures to be implemented during the MEC removal activities.

Each MEC and MPPEH identified by the UXO Field Team will be tracked by item type, description, weight, and recovery depth. The easting and northing location of all MEC and MPPEH will be recorded by Global Positioning System (GPS) or by estimating the offset from the southwest grid corner stake in any area where GPS coverage is not available.

5.0 Quality Control

Section 9.0 of the Site 39 RD/RAWP describes the general quality control procedures and standards of performance to be implemented during soil remediation. Section 10.0 of the MPS included as Appendix F of the Site 39 RD/RAWP (Shaw, 2009) describes general project procedures to be implemented during MEC remedial actions.

5.1 QC Seeding

Implement a QC seeding program during combined MEC removal and soil excavation and MEC removal after soil remediation using “mag and dig”. Place inert, simulated MEC seed items within a selected remediation area prior to start of excavation. Seeds will be placed and located using a global positioning system. The location and number of the seed items will not be known to field personnel. Seeds will be composed of painted non-MEC items such as metal pipe with end caps ranging in length from 0.5 to 1-foot lengths. One seed will be placed for every 5,000 cy to be excavated. This is based on the QC seeding program during munitions removal where a target of at least one seed item is placed for every 4 acres. A 4-acre area excavated to 1-foot depth contains approximately 6,450 cy.

Two seeds will be placed within the remediation area:

- One seed prior to start of the combined MEC removal and soil remediation activities. Seed will be placed within the 1.9-acre remediation area below the ground surface but within the anticipated excavation depths between one and three feet below ground surface.
- The second seed will be placed prior to start of “mag and dig” activities on the new surface within the footprint of the remediation area

5.2 Phase 2a: Analog Safety Quality Control Surveys to Validate Identification of Munitions and Explosives of Concern

Phase 2a Analog Safety QC surveys will be conducted in areas where Schonstedt GA-52Cx magnetometer-assisted removal work is conducted. These areas include any areas requiring “mag and dig” operations because of high anomaly density during DGM survey. This phase is intended to verify that no MEC remain within the detection capabilities of an analog Schonstedt GA-52Cx magnetometer after anomaly excavation. After anomaly excavation, the hole will be checked with a Schonstedt GA-52Cx to ensure that no additional anomalies remain. Phase 2a analog safety QC surveys to validate identification of MEC are provided in Section 10.3.2 of the MPS included as Appendix F of the Site 39 RD/RAWP.

5.3 Ten Percent Analog QC Inspection during "Mag and Dig"

During "mag and dig", Shaw's UXOQCS will conduct a QC survey with a Schonstedt GA-52CX magnetometer over 10 percent of the 1.9-acre footprint of the remediation area. The UXOQCS will intrusively investigate anomalies if detected during the 10 percent QC inspection. Results of these investigations will be provided in the QC daily log. Ten percent analog QC procedures are provided in Section 10.3.1 of the MPS included as Appendix F of the Site 39 RD/RAWP.

If MEC removal to depth within the footprint of the 1.9-acre remediation area continues to show high density of subsurface anomalies that would preclude effective QC/QA activities, Shaw will prepare a Memorandum presenting an assessment as to whether or not additional excavation is recommended. The recommendation will be based on the presence or absence of MEC in the excavated material. The Memorandum will be provided to the BCT.

5.4 Quality Assurance

Quality assurance will be provided by the USACE to assure that Shaw's QC system is functioning as stated. Areas of QA include:

- Monitor subcontractor field practices including announced and extemporaneous, unobtrusive observations.
- Review and observe field ground control and GPS procedures. This is meant to avoid geo-referencing incompatibilities between Shaw and the USACE.
- Independently examine data files and anomaly maps. QA will check the database against Team Leader grid sheets to ensure all anomalies flagged were excavated.
- Independently conduct analog QA with a Schonstedt GA-52CX magnetometer over a minimum 10 percent of each of the grids where an analog subsurface removal is performed.

Quality assurance may also include QA seeding and/or QA digs.

5.5 Deliverables

Section 9.4 of the Site 39 RD/RAWP identifies the deliverable documents associated with the soil remediation work. Details of the remediation, including drawings, revisions made to the design and approach and the attainment of remedial action objectives will be presented in a Remedial Action Completion Report.

6.0 References

Department of the Army (Army), 2008, *Amendment 6 to the 1994 Land Disposal Site Plan for Base Realignment and Closure of Fort Ord, California*

Army, 2009a, *Final, Record of Decision Amendment, Site 39 Inland Ranges, Former Fort Ord, California*

Army/Burleson Consulting, Inc., 2006, *Wetland Monitoring and Restoration Plan for Munitions and Contaminated Soil Remedial Activities at Former Fort Ord*

Shaw Environmental, Inc. (Shaw) 2008. *Final, Site Specific Work Plan, Munitions and Explosives of Concern Remedial Action, Units 18 and 22, Former Fort Ord, California*

Shaw, 2009, *Remedial Design/Removal Action Work Plan, Site 39 Inland Ranges Remediation and OU2 Landfills, Area E Construction, Former Fort Ord, California*

U.S. Army Corps of Engineers (USACE), 1997, *Installation-Wide Multispecies Habitat Management Plan for Former Fort Ord, California (HMP)*. With technical assistance from Jones and Stokes Associates, Sacramento, California

USACE, 2004, *Munitions and Explosives of Concern (MEC) Support during Hazardous, Toxic, and Radioactive Waste (HTRW) and Construction Activities*, EP 75-1-2, Washington, D.C.

United States Fish and Wildlife Service (USFWS), 2005, *Biological Opinion on the Cleanup and Reuse of Former Fort Ord, Monterey County, California, as it affects California Tiger Salamander and Critical Habitat for Contra Costa Goldfields*

Tables

TABLES

Table 2-1

Depth of Penetration Results for Recovered MEC in HAs 39 and 40 Requiring Soil Remediation within the Impact Area

Figures

FIGURES

Figure 1-1
Site Location Map, HAs 39 and 40

Figure 1-2
Remediation Areas at HAs 39 and 40

Figure 2-1
MEC Items Found and Minimum Separation Distance, HAs 39 and 40

Units 14/19 MD Distribution



MMRP Fieldwork Update

PROJECT: MRS-BLM Unit 15/21/32/34(497 (405 burn) acres)

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

Start date: May 2010 (prep)

Estimated end date : July 2011

PHASES:

Start

End

Site preparation (est. fuel breaks/sup fac.)

(05-01-10)

Vegetation removal

- prescribed burn
- vegetation cutting

MEC Removal

- Surface remediation
- DGM
- Subsurface remediation, limited

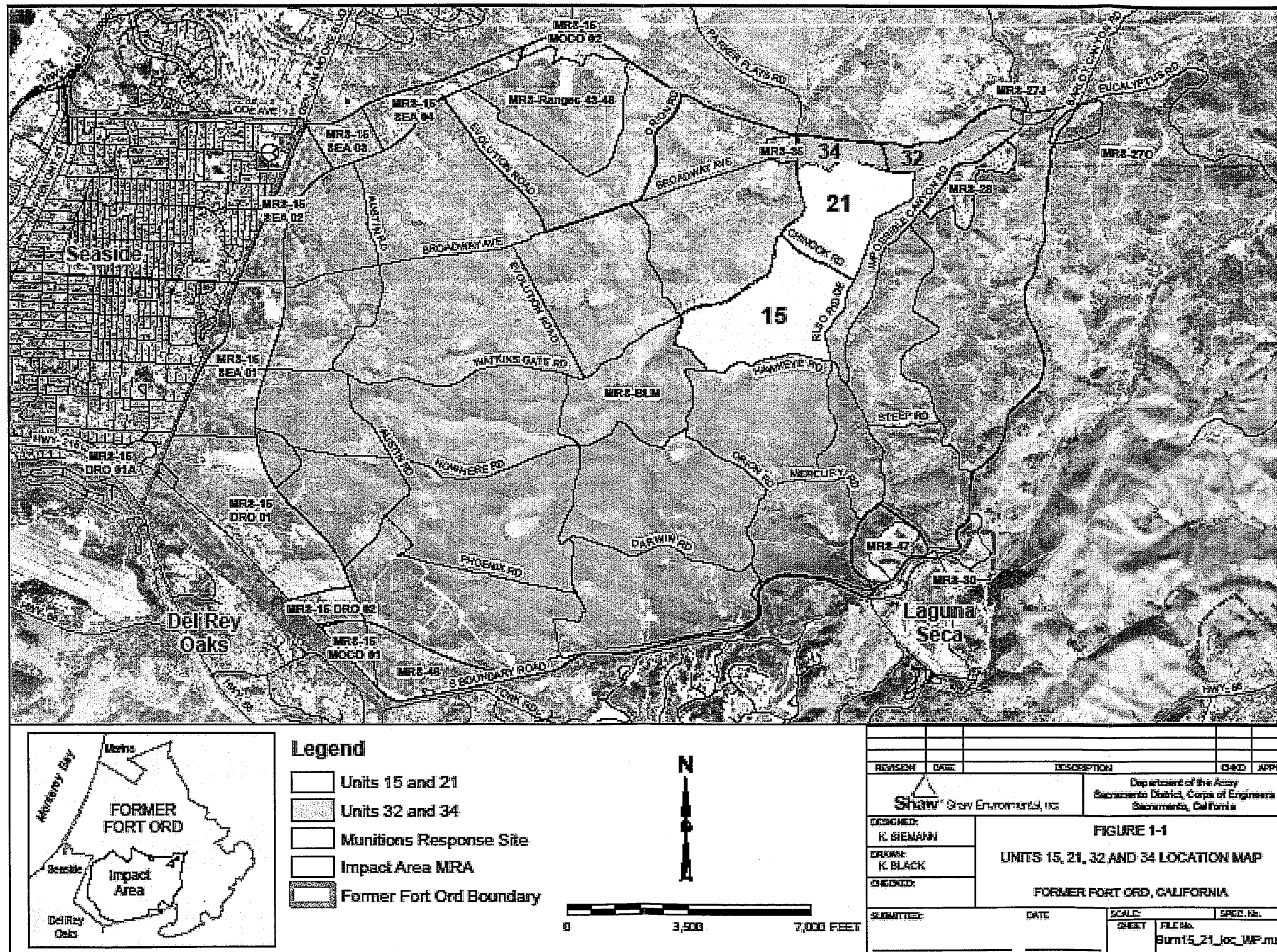
ISSUES AND CONCERNS:

- Structures to be consolidated in hardstand area(s) for protection.

3/19/2010

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3/19/2010

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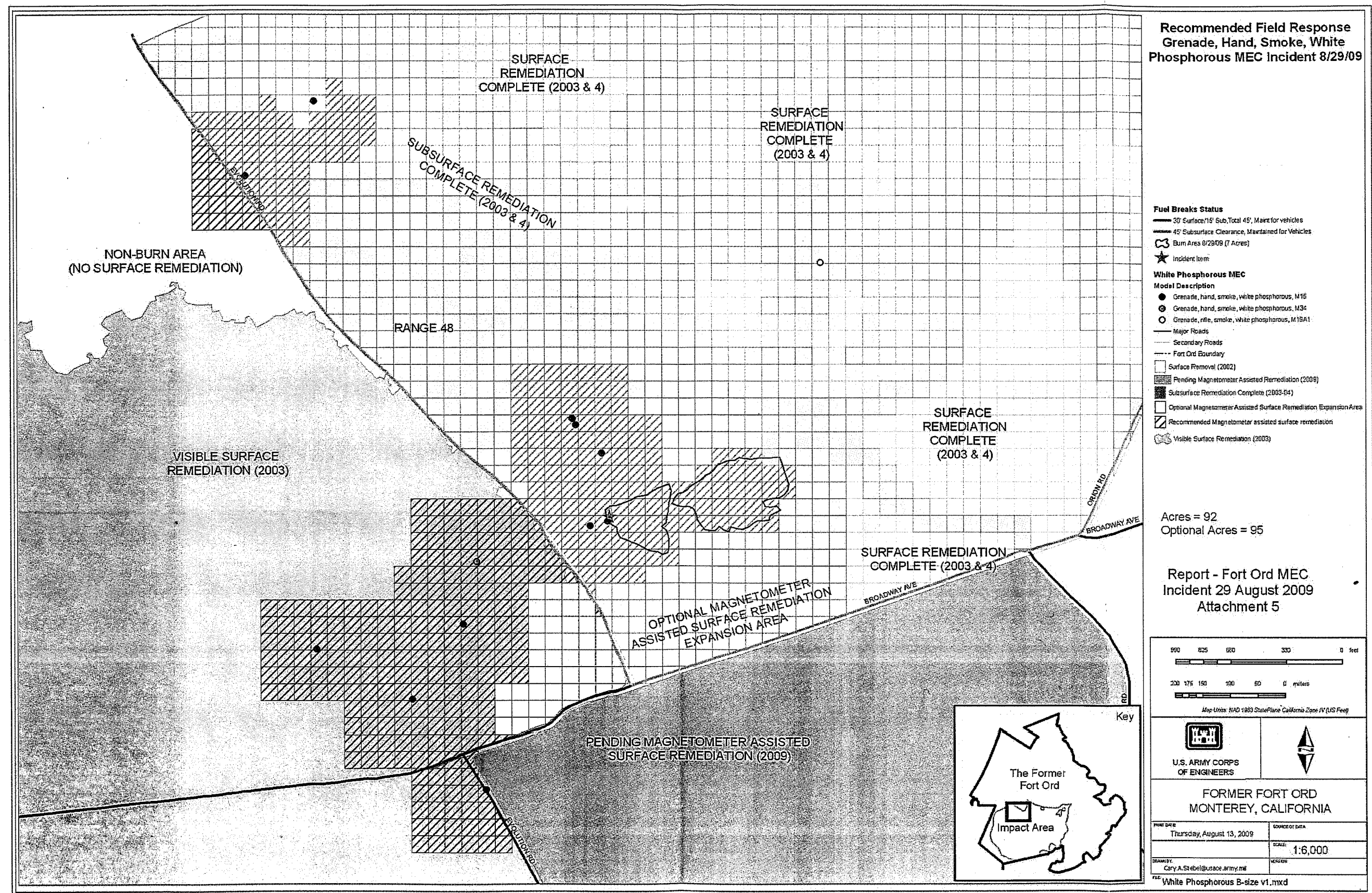
MMRP Fieldwork Update

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

<u>Removal in Progress</u>	UXO/DMM/ISD Items	MD lbs	RRD lbs
Unit 14/19	169 (all detonated)	189,641	7035

MMRP Site Security Program

- Trespass Incidents:
 - Last 30 days: 0 Year to Date: 0
- MEC Incidents:
 - Last 30 Days: 1 Year to Date: 1
- Community Education:
 - Total recipients in 2010 to date: 0
 - » Washington Union Elementary scheduled for 19 May
- MEC Rec and Safety Tng:
 - Total personnel trained in 2010 to date: 0
- Other:
 - MR BCT agreed that Army will pickup MEC like MD located during annual inspections.
 - MRS Security Program Committee Annual Meeting completed February 23 at 10:00 a.m.
 - A MRS Security Update poster session scheduled for April 14.
 - A surface remediation action will begin o/a March 22 in vicinity of Range 48 and Broadway Ave. in response to the August 29, 2009 MEC incident (WP Grenade) (Map).



3/19/2010

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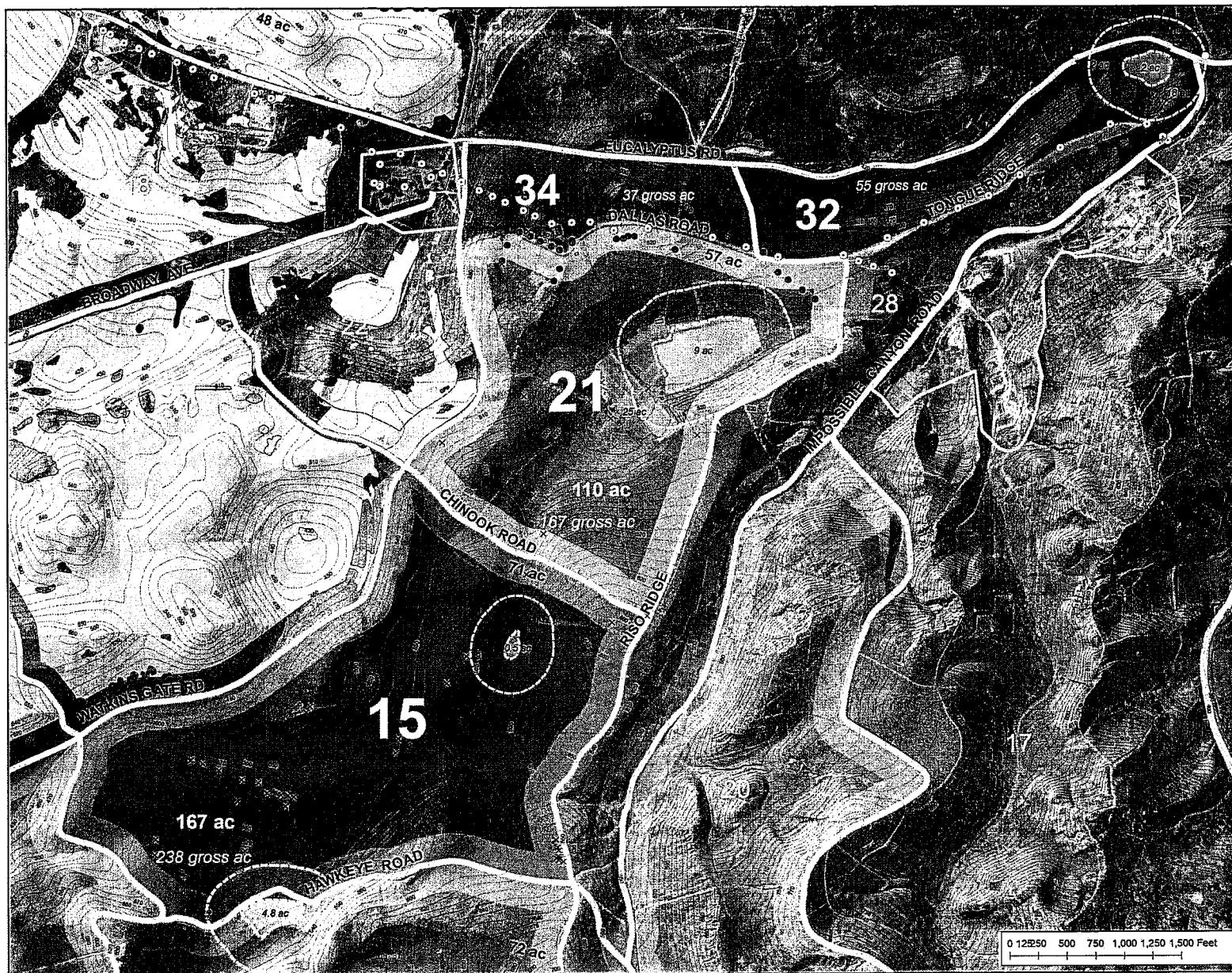


FIGURE 2

MRS-BLM Burn Units

15, 21, 32 and 34



Legend

- × Targets
- Power Poles
- Defunct Power Poles
- Fuel Breaks
- Impact Area Boundary
- Buildings
- Grasslands
- Vernal Pool (Known CTS breeding ground)
- Oak Woodland
- 300-ft No Foam/Retardant
- Previously Burned Units






Map Units: NAD 1983 StatePlane CA Zone IV (U.S. Feet)

DRAWN BY: Chris Duymich	DATE: June 2003 Aerial Photography
DATE: Jan. 26, 2010	FILE: GIS/Burn Program/15_and_21/FIGURE-2_Burn_Units_15_21_Location_B-22.mxd

Unit 21 - R37 Pad Area Pre-Burn Prep: Building Removal



Legend

-  Consolidation Spot
-  Buildings to Remain
-  Buildings to be Moved to Consolidation Spot
-  Mow
-  Mow 50-ft Around Building

0 25 50 100 150 200 250 Feet

Map Units: NAD 1983 StatePlane CA Zone IV (U.S. Feet)

DRAWN BY: *Christine Duymich*

DATA: *June 2003 Aerial Photography*

DATE: *February 1, 2010*

FILE: *GIS/Burn Program/15_and_21/Unit_21_Pre-burn_Prep.mxd*

**FORT ORD REUSE AUTHORITY
FORA ESCA REMEDIATION PROGRAM**

Technical Progress and Summary of Public Participation

February 2010

Document Technical Progress or Work Completed

FORA ESCA Remediation Program's critical dates, technical progress, or work completed within the month of February are:

February 2, 2010: Bi-weekly teleconference call with ESCA RP team.

February 2, 2010: Meeting with representative from Central Coast Cyclo-Cross (CCCX) to prepare two Rights of Entry for trail use and road use through ESCA property for events that stage out of the County Youth Camp.

February 3, 2010: Communication from Environmental Protection Agency (EPA) that Marina In Motion has been awarded the most recent EPA Technical Assistance Grant (TAG).

February 3, 2010: Received a field update from ESCA contractor (Field Manager)

February 4, 2010: Reviewed and approved Department of Toxic Substances Control (DTSC) invoice for reimbursement of ESCA oversight for October through December 2009.

February 4, 2010: ESCA Staff attended the weekly General Jim Moore Boulevard (GJMB) Construction meeting.

February 5, 2010: Worked with ESCA team to prepare an agenda for the upcoming Quarterly ESCA Senior Management meeting.

February 8, 2010: Meeting with ESCA contractor (Field Manager) to coordinate about installing the Veterans Cemetery signage.

February 8, 2010: ESCA contractors found a 75mm shrapnel round at the former Army ball field in Parker Flats area southwest of 8th Avenue and Gigling Road. Weston prosecuted the item (blow- in-place) 2/8/10.

February 9, 2010: Visit to MOUT with ESCA contractor (Field Manager) and representative from Monterey Peninsula College (MPC) to view the Army's progress in cutting perimeter fuel breaks and discussion of prices for installation of a perimeter fence.

February 9, 2010: ESCA Quarterly Management meeting.

February 9, 2010: Provided requested information to Arcadis about the LFR Inc. lease for the ESCA contracting team offices located in the FORA Compound.

February 10, 2010: Weekly field update from ESCA contractor (Field Manager)

February 3, 2010: Communication and coordination with BLM representative to provide a map showing ESCA parcels, adjacent BLM parcels and the land transfer status of other adjacent parcels.

February 3, 2010: Forwarded a map of CSUMB parcel S1.3.2 to the Monterey County representative with the request that they review the CSUMB land uses.

February 4, 2010: Prepared a Final Draft Right of Entry for the representative for the Central Coast Cyclo-cross (CCCX) road use through ESCA property for their 2010 bike ride events.

February 5, 2010: ESCA Hotline updates.

February 5, 2010: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.

February 5, 2010: Meeting with Army BRAC office to review and test drive the anticipated route for the upcoming February 20, 2010 Army Open House and Bus Tour.

February 8, 2010: Meeting with representative from Colton High School to explore routes for their Fun Run event and discuss the requirements for an ESCA Right of Entry.

February 8, 2010: Meeting with representative from CCCX to execute the Right of Entry and receive the insurance certificates.

February 8, 2010: Sent email and telephoned the Fort Ord Environmental Justice Network, Inc. to advise that Weston found a 75mm shrapnel round and will blow in place today about 2:00 PM.

February 10, 2010: Sent information about the Big Sur Marathon - 2010 Mud Run to EPA and DTSC that utilizes the same portion of ESCA land as it has for many years in the past.

February 11, 2010: Presentation and report to the FORA Board on the progress of the ESCA.

February 11, 2010: Monthly Veterans Cemetery (CAC) meeting.

February 12, 2010: ESCA Hotline updates.

February 12, 2010: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.

February 16, 2010: Preparation for the tour of the ESCA project for Congressman Sam Farr.

February 16, 2010: Sent hard copy documents of the Track-1 Plug-in Approval Memorandum, County North MRA to select community organizations.

February 17, 2010: Monthly ESCA Users Working Group meeting.

February 17, 2010: Provided a tour of the ESCA properties for Congressman Sam Farr and his District Director.

February 18, 2010: Meeting with ESCA contractors to debrief and compile notes from the ESCA tour for Congressman Sam Farr.

February 18, 2010: Communication with Congressman Sam Farr's office to thank them for attending the ESCA tour.

February 19, 2010: Communication with Monterey County Parks to provide information on the GJMB road construction progress.

February 19, 2010: Telephone conference with representative from CCCX to answer questions.

February 19, 2010: Meeting with Sea Otter Classic representatives to provide a Right of Entry (ROE) for this year's event.

February 19, 2010: Meeting with CSUMB student to discuss the reuse of Fort Ord and the ESCA cleanup for the possibility of filming a documentary movie.

February 19, 2010: Meeting with Bureau of Land Management (BLM), Monterey Off-Road Cycling Association (MORCA) and Monterey County to help them reroute a trail so that it does not go through ESCA property.

February 19, 2010: ESCA Hotline updates.

February 19, 2010: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.

February 20, 2010: ESCA Remediation Program provided outreach at the Army's semi-annual open house and bus tour. ESCA RP team staffed a table throughout the 4-hour event and ESCA team principals were tour guides on the buses.

February 22, 2010: Created a map for the Veteran's Cemetery Citizens Advisory Committee providing concise directions to the Veteran's Cemetery parcel.

February 22, 2010: Provided CSUMB with draft ROE for their 2010 cross country event that will use a small portion of ESCA property, similar to last year's event.

February 22, 2010: Meeting with the Director of BLM to move a bike trail to divert cycling traffic away from ESCA property.

February 24, 2010: Meeting with Colton High School representative to identify a route for their Fun Run on Fort Ord so that it does not impact the ESCA properties.

February 24, 2010: Completed the 2010 Mud Run Right Of Entry.

February 26, 2010: Blow-in-Place of a 81mm High Explosive Motor round by Weston Solutions. Notified the FOEJN and the Blow-in-Place went off as planned.

February 26, 2010: ESCA Hotline updates.

February 26, 2010: ESCA updates for CSUMB, Fort Ord Google Users Group listserv and Twitter general distribution.

Project Updates to Coordinated Resource Management Planning (CRMP) meeting

FORA's critical dates, CRMP updates completed within the month of February are:

N/A

**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	4/10 (3/10)	Additional time is needed to coordinate with the reuser.
Comments Due	6/10 (5/10)	Reflects the change above.
Draft Final Remedial Action/Remedial Design Workplan	7/10 (5/10)	"
Comments Due	8/10 (6/10)	"
Final Remedial Action/Remedial Design Workplan	9/10 (7/10)	"
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	3/10 (2/10)	Additional time was required.
Comments Due	4/10 (3/10)	Reflects the change above.
Draft Final Site-Specific Work Plan MRS-BLM Units 15, 21, 32 & 34	5/10 (4/10)	“
Comments Due	6/10 (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	

24-Mar-2010

	<u>Deliverable</u>	<u>Version</u>	<u>Proposed</u>	<u>Issue Date</u>	<u>Comments</u>	<u>Note:</u>
			<u>Issue Date</u>	<u>Status</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	5-Feb-10	Issued	--	
	2 BLM-East/Post 1940 (Southern Portion) Technical Memorandum - Site Assessment Approach	Draft	18-Feb-10	Issued	26-Mar-10	EPA will comment by 4/1. DTSC will comment by 4/9.
		Draft Final	9-May-10		12-Jun-10	
		Final	12-Jul-10			
	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	--	24-Nov-09	Issued	14-Jan-10	Within 45 days of completion of DGM (10/2); delayed due to Unit 19 burn & BCT mtg cancellation. Per BCT discussion 1/14/2010 need followup info on HA-39/40/40A procedures.
	5 MRS-BLM Units 18 and 22 (2008 Units) Remedial Action Report	Draft	31-Aug-10		4-Oct-10	Within 60 days after MEC remedial actions are complete
		Draft Final	3-Nov-10		7-Dec-10	
		Final	6-Jan-11			
	6 MRS-BLM Units 14 and 19 (2009 Units) Prescribed Burn 2009 After Action Report	Draft	19-Mar-10	Issued	22-Apr-10	Includes air monitoring/site security/community notification reports
		Draft Final	22-May-10		25-Jun-10	
		Final	25-Jul-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	31-Aug-11		4-Oct-11	Within 60 days after MEC remedial actions are complete
		Draft Final	3-Nov-11		7-Dec-11	
		Final	6-Jan-12			
	9 MRS-BLM Units 15,21,32 and 34 (2010 Units) Prescribed Burn Plan	Draft	11-Feb-10	Issued	21-Mar-10	Includes air monitoring/community notification plans DTSC will comment by 4/5. MWeaver cmt (3/19) requests 30-day extension.
		Draft Final	4-May-10		7-Jun-10	
		Final	7-Jul-10			
	10 MRS-BLM Units 15,21,32 and 34 (2010 Units) SSWP MEC Remedial Action	Draft	10-Mar-10	Issued	15-Apr-10	
		Draft Final	15-May-10		18-Jun-10	
		Final	18-Jul-10			
	11 Non-Burn Areas SSWP MEC Remedial Action	Draft	9-Apr-09	Issued	5-Jun-09	Comments received from EPA (6/3)
		Draft Final	28-Sep-09	Issued	16-Nov-09	Comments received from EPA (10/30). DTSC verbal comments 12/2, letter expected.
		Final	11-Feb-10	Issued	--	

Fort Ord MMRP Report Status
24 Mar 2010

	<u>Deliverable</u>	<u>Version</u>	<u>Proposed</u> <u>Issue Date</u>	<u>Issue Date</u> <u>Status</u>	<u>Comments</u> <u>Due</u>	<u>Note:</u>
	12 Surface removal areas Annual inspection report (2010)	--	30-Jun-10			
Land Use Controls & Other	13 Track 2 Del Rey Oaks RD/RAWP	Draft	31-Mar-10		30-May-10	
		Draft Final	29-Jun-10		29-Jul-10	
		Final	28-Aug-10			
	14 Track 2 Parker Flats (three parcels) Annual Monitoring Report (2010)	--	31-Mar-10		30-May-10	
	15 Site Security Program Annual Report (2010)	--	31-May-10			
	16 FOST11	Draft	--	Issued	31-Mar-10	DTSC will comment by 4/16
	17 FOST11 CRUPs	Draft	--	Issued	31-Mar-10	DTSC will comment by 4/16

**finalized documents are shaded

Report of Annual Monitoring of Land Use Controls

U.S. Army, Base Realignment and Closure (BRAC) Fort Ord Field Office

Reporting period:	CY2009
Area of monitoring:	Parcels F2.6, L2.4.1 and L2.3
Source of the requirement:	Final Record of Decision (ROD), Parker Flats Munitions Response Area (MRA) Track 2 Munitions Response Site (MRS), Former Fort Ord, California. 26 AUG 2008. (OE-0661)
Procedures followed:	Final Remedial Design/Remedial Action (RD/RA) Work Plan, Parker Flats MRA, Former Fort Ord, California, Revision 1. 30 JUN 2009. (OE-0667J)

Monitoring results:

- Physical inspection of Parcels L2.4.1 and L2.3 was conducted on 23 FEB 2010. The parcels have not been transferred and remain unused. No evidence of ground disturbance activity (e.g. new construction) was detected. No residential use was detected. Note: for the purpose of the Parker Flats ROD, residential use includes, but is not limited to: single family or multi-family residences; childcare facilities; nursing homes or assisted living facilities; and any type of educational purpose for children or young adults in grades kindergarten through 12.
- Physical inspection of parcel F2.6 was conducted on 23 FEB 2010. The parcel remains to be used by U.S. Army Garrison, Presidio of Monterey (POM) for light industrial and municipal uses. No evidence of ground disturbance activity (e.g. new construction) was detected. No residential use was detected.
- BRAC Fort Ord Field Office received no plan for residential development in Parcels L2.4.1 and L2.3.
- POM DPW has identified a development alternative for Parcel F2.6 that includes a self-contained learning and living center including up to three General Instruction Buildings, three 400-person barracks, a battalion headquarters, two dual-company operations facilities, a dining facility, a physical fitness facility, and a recreation center (as described in the Final RD/RA Work Plan for the Parker Flats MRA).
- BRAC Fort Ord Field Office informed POM Directorate of Public Works (DPW) of the Parker Flats ROD and the selected remedial land use controls applicable to Parcel F2.6, in meetings held on 4 DEC 2008 and 13 JAN 2009. U.S. Army Corps of Engineers (USACE) Sacramento District was informed of the requirements via an e-mail on 19 DEC 2008.
- BRAC Fort Ord Field Office informed the regulatory agencies in its property transfer update of 18 AUG 2009 of its intention to include Parcels L2.4.1 and L2.3 in an upcoming Finding of Suitability to Transfer, FOST 11.
- Based on a review of the MRS Security Program records, no munitions and explosives of concern (MEC) incident was reported for the subject parcels during CY2009.
- Based on a review of the MRS Security Program records, MEC recognition and safety training was available during CY2008 and CY2009. BRAC Fort Ord Field Office received no request for construction monitoring within the subject parcels during CY2009.

(

Date _____

2.3 (MST Park and Ride

2.3 (MST Park and Ride

ance Center), L2.4.1 (Monterey-Salinas), L2.4.2 (MST Park and Ride)



**Fort Ord Munitions Response BCT Meeting
Summary of Action Items (February 19, 2010)**

<u>Action Item Description</u>	<u>Responsible Party</u>	<u>Due Date</u>	<u>Comments</u>
Site Security/Incident Reports/Detonation:			
C Follow up on MEC incident related to the Oscar Fire	Army	11/30/2009	(Nov09) Submitted.
Field Work/Removal Action Updates/FWVs			
Evaluate Track 1/Track 2 alternatives. (E20c.1)	Army	(schedule to be developed)	Additional fieldwork. modified Track 1. partial Track 2 and parcel subdivision are to be evaluated.
R Evaluate whether removing MD during surface inspection is feasible	Army	Next meeting (10/14/2009) (11/16/2009) (2/19/2010) Jul 2010	(Feb2010) BLM ill refine internal tracking/reporting process to collect data. The Army/BLM will evaluate data in several months' time.
Provide FWV (to Site 39 WP) describing procedures to be used at HA-39/40 within Unit 22.	Army	Next meeting (3/24/2010)	(Jan2010) general process was discussed.
C Remaining Areas RI/FS Management Plan - Discuss proposed Army responses to EPA comments with EPA	Army	1/22/2010	
FFA Schedules and MIR RI/FS			
C Provide input on the scope/content of the Third Five Year Review.	EPA/DTSC		Work to begin 2011. (Feb2010) EPA expects a status report on completed areas such as Track 1 parcels. Provide a list of areas and protectiveness statement. Not looking for any additional field effort.
* Provide feedback on document review period/extension for draft site assessment Technical Memorandum, BLM-East Post-1940 (south).	EPA		
Property Transfer			
FOSETs 2/4/5 CERCLA warranty and deed amendment: the Army will provide EPA and DTSC copies when final	Army		
* Provide legal surveys for FOST11 to the Army	FORA		
* Provide draft FOST11 for agency review	Army	2/26/2010	30-day review.
* Provide draft FOST11 CRUPs for agency review	Army		

* indicates new action item

"R" indicates revised action item

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

**Fort Ord Munitions Response BCT Meeting
Summary of Action Items (February 19, 2010)**

<u>Action Item Description</u>	<u>Responsible Party</u>	<u>Due Date</u>	<u>Comments</u>
Ongoing Actions/Other			
Quarterly Security Program Update	Army	Quarterly	
Monthly 3-month deliverables schedule review at BCT meetings	All	Monthly	The Army to work on formatting to meet agency needs.
C Finalize MR BCT minutes from Oct14	Army	Monthly	
Finalize MR BCT minutes from Jan14.	Army	Monthly	
* Finalize MR BCT minutes from Feb19	Army	Monthly	

* indicates new action item

"R" indicates revised action item

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

Mike Weaver
Co-Chair, Fort Ord Community Advisory Group (FOCAG)
P.O. Box 696
Seaside, CA 93955
Phone: 831-484-6659
Email: focagemail@yahoo.com

Gail Youngblood
BRAC Environmental Coordinator
Environmental and Natural Resources
Bldg. #4463 Gigling Road
Monterey, CA 93944-5004
Via fax: 831-393-9188, with hard copy to follow by U.S. Mail

Monterey Bay Unified Air Pollution Control District
Board of Directors, c/o Bob Nunes
24580 Silver Cloud Ct.
Monterey, CA 93940

Presidio of Monterey Fire Department
Former Fort Ord, California
c/o Chief Jack Riso
4400 General Jim Moore Blvd
Seaside, CA 93955

Shaw Environmental, Inc.
c/o Ms. Audrey Johnson
P.O. Box 1698
Marina, CA 93933

Re: Partial response to Draft MRS-BLM Units 15,21,32 and 34
Prescribed Burn Plan, Former Fort Ord, California, Revision C
Dated February 11, 2010. DCN: ACE16-792-S

March 19, 2010

FOR THE ADMINISTRATIVE RECORD

Dear Ms. Youngblood, Mr. Nunes, Mr. Riso, and Ms. Johnson,

Following the last prescribed burns on former Fort Ord over five months ago, in October of 2009, I contacted both our Air District and the Fort Ord BRAC Office regarding another incident of very heavy smoke in the Toro Area. I emailed both BRAC and our Air District photographs of the hills of Toro consumed by smoke. These photographs were taken by me, from a hilltop in Corral de Tierra.

In a phone conversation with our Air District I learned they were waiting on the air quality sampling results from these October 2009 burns. I requested, on behalf of the FOCAG, to get a copy of these results, and learned that they were only monitoring PM10. Time passed and no results were forthcoming. I then learned that our Air District does not do its own air quality sampling but rather gets results from the Army's contractor, Shaw Environmental, Inc.

It is now Noon on Friday, March 19, 2010 and I still have not received these requested results, nor, I assume, has our Air District. Yet, the cover page of the above referenced Draft MRS-0BLM Units 15,21,32 and 34 Prescribed Burn Plan document asks that comments be provided no later than Sunday, March 21, 2010. I do not get mail on the weekends, and I believe the BRAC Offices to be closed then.

I formally request a 30-day extension from Ms. Youngblood of the BRAC Office for comments, to allow receipt of technical data from Shaw Environmental Inc. and to allow time to analyze it, and for time to request assistance from our Air District in analyzing it.

Just in case this reasonable request is denied, I would like, for the record, to point out some troubling issues raised, to date, in reading this document.

- 1) Smoke monitoring measurements do NOT include numerous pesticides and herbicides that saw heavy use at former Fort Ord for decades. This is a non-explosive hazard.
- 2) Smoke monitoring measurements do NOT include practice munitions and pyrotechnics residual chemicals. This is another non-explosive hazard.

The meetings I attended, leading up to the Army's Record of Decision (ROD) for prescribed burns, revolved around the dangers of unexploded ordnance, (UXO), now referred to as Munitions of Concern, (MEC).

Where in CERCLA does it allow ignoring hazardous chemical materials in burns that become part of the smoke?

- 3) Prescribed burns, in years past, were predicated on a day when the wind was blowing slightly to the West, so as to disperse the smoke out over the Pacific Ocean instead of populated housing areas. Regarding wind direction, this reported Plan states that Ideal or Preferred is ANY wind direction, as long as winds light and variable and plume lofting vertically.

The problem, as encountered during the last October 2009 burns, was that the plume almost immediately headed in an East South-East direction, straight to Toro. Both days! This smoke surrounded residential housing prevalent on the hilltops and hillsides of the Toro Area prior to some of it settling in the depths of the canyons at ground level.

In other words, the "mixing height" was at about 500 ft. elevation, my neighbors and my front yards. This new Burn Plan promises more of the same. Why? Because for The 58 years I've been here most days there is a breeze heading out way from former Fort Ord.

4) Your Weather Stations are not located where the bulk of the smoke is heading. Please reference Figure 7 of this proposed Burn Plan.

5) I do commend you for a very good map in Section 5 labeled Plate 1. It's the last page in this document. It is a good map but it highlights the problem of few "Candidate Monitoring Stations" in the Toro Area. Furthermore their location isn't where the bulk of the smoke was going this past October. Note: the explanation for Candidate Monitoring Stations says they are "selected the day before the burn based on meteorological modeling predictions."

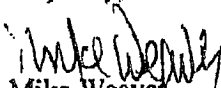
These couple modeling stations are put in place only if it's thought that's where the smoke may go. Elevation-wise, I see lowest elevation and/or placed at the base of a hill where the smoke passes overhead. These locations are not optimum for measuring smoke impacts.

6) The potential for wildland fires, fires getting out of control, and raging through unincorporated residential hillsides just like a Santa Barbara Fire is not adequately analyzed. Additionally, we request an analysis of the fact that the pumping capacities from the wells serving the fire hydrants cannot keep up with water demand in the event of a catastrophic fire. Intentionally lighting fires on dry California hillsides, and hillsides containing ammunition that can go off with the heat of a fire, remains a valid and unanalyzed concern.

Please include the entirety of this letter in any future documents published regarding your proposed Burn Plan, along with a substantive response.

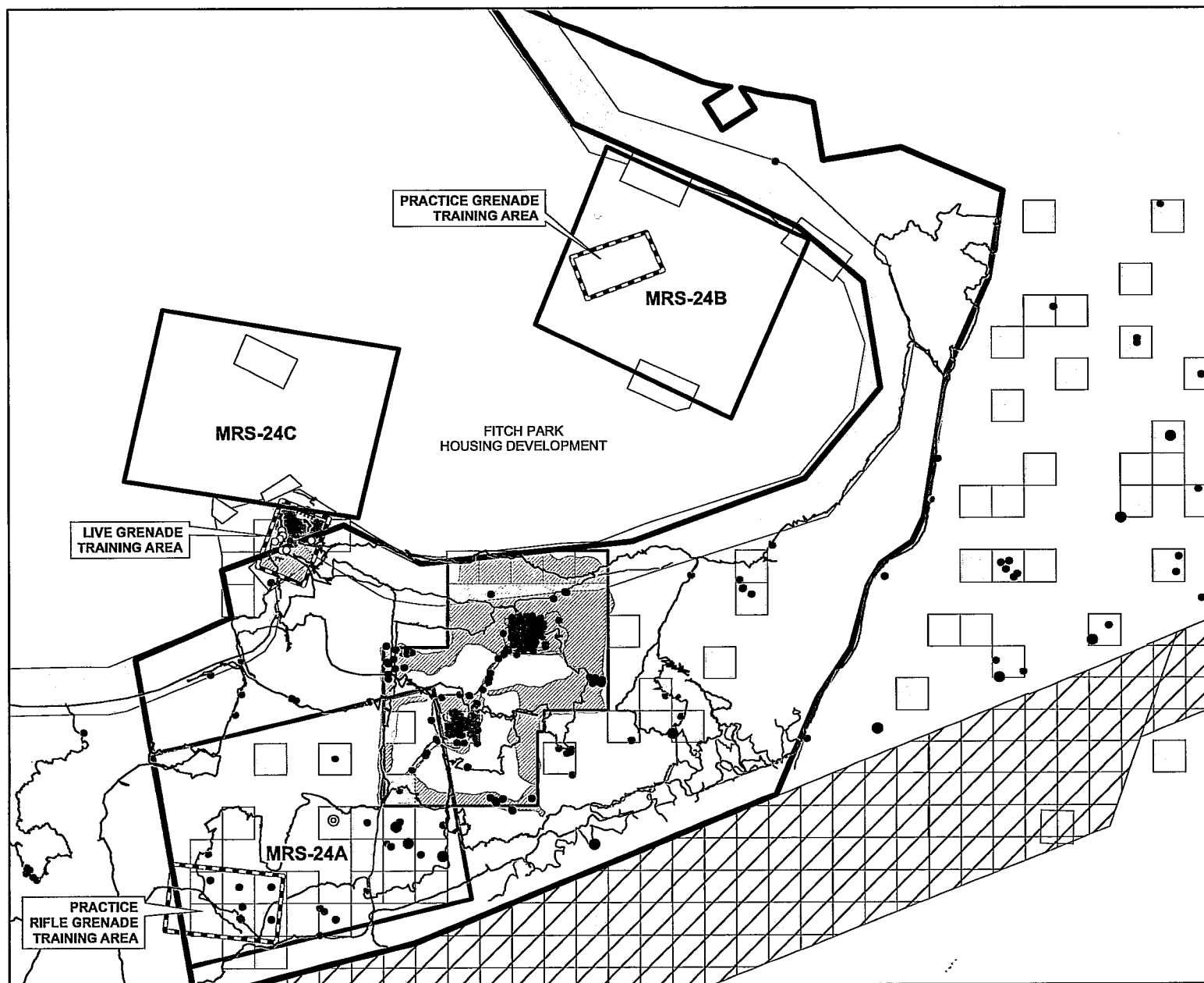
Thanking you in advance for a hopeful 30 day extension for comments.

Sincerely,


Mike Weaver
831-484-6659

c.c.
Fort Ord Environmental Justice Network (FOEJN)
Save Our Air Resources (SOAR)
California DTSC
US EPA

3/24/2010
MBC/CT

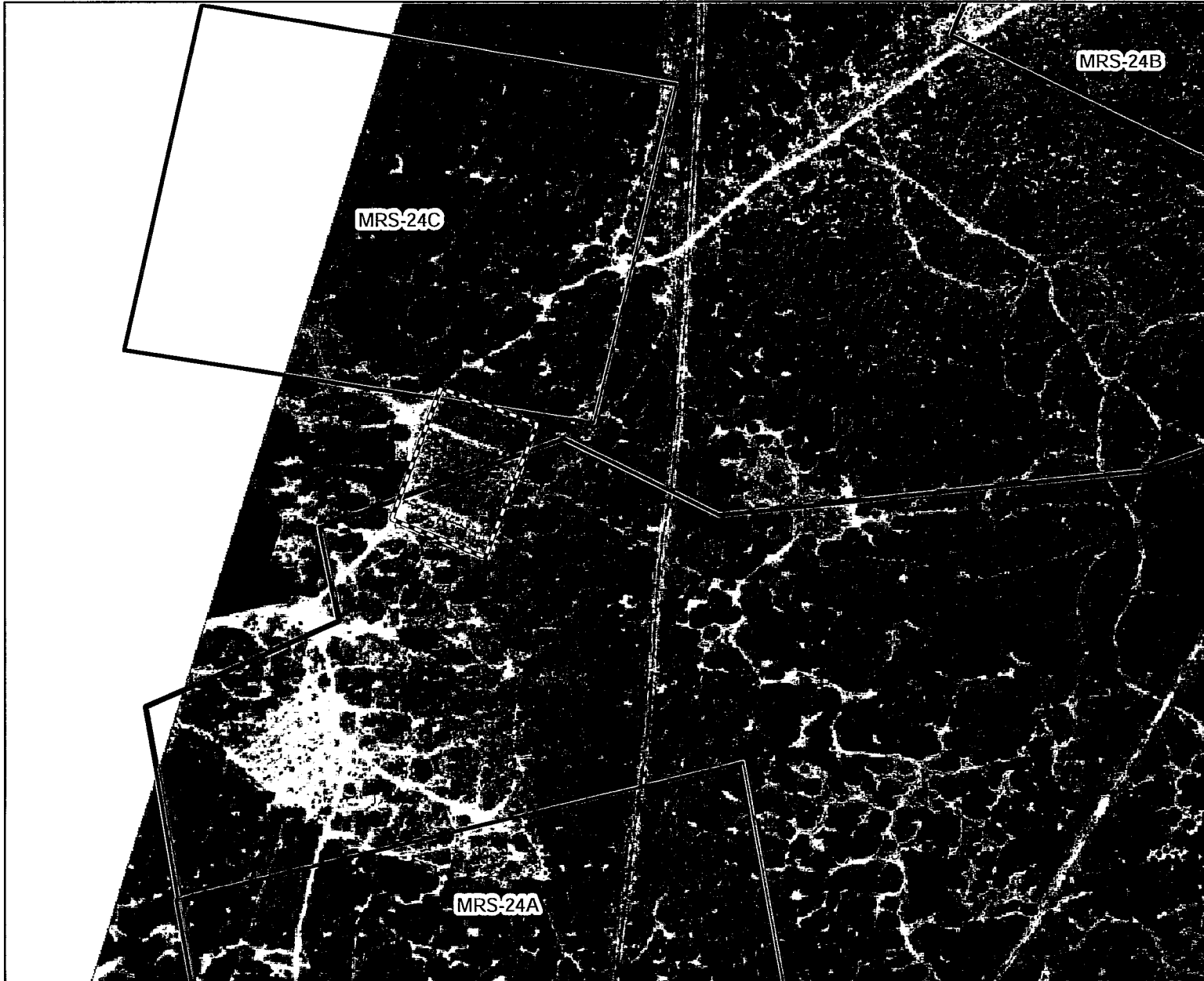


Legend




- E20c1 Parcel
- Munitions Response Site (from ASR)
- Grenade Fragment Area
- Range (from Aerial Photos)
- Top of Berm
- Feb.-Mar. 2003 Sitewalk (USACE)
- Dec. 2003 Sitewalk (Shaw)
- Jan. 2006 Sitewalk (USACE)
- Jan. 2008 Sitewalk (USACE)
- DGM Investigation Area
- Grid Sampled by Shaw
- Grid Sampled by Others
- 2006 Schonstedt Investigation
- SS/GS Sampling Grid
- Parsons Removal to Depth
- Fitch Park Fuel Break (Veg Removal)
- Piece of rifle grenade mentioned pg. 6-14 of ASR
- Grenade Safety Lever
- Grenade Fragments
- MEC
- MD
- Small Arms Related
- Cultural Debris

0 300 600 FEET

REVISION	DATE	DESCRIPTION	CHD	APPR
<p>Shaw Environmental, Inc.</p> <p>Department of the Army Sacramento District, Corps of Engineers Sacramento, California</p> <p>DESIGNED: C. BURNS DRAWN: K. BLACK CHECKED:</p> <p>SUMMARY OF PREVIOUS INVESTIGATIONS FORMER FORT ORD, CALIFORNIA</p> <p>SUBMITTED: DATE SCALE: FILE No. SHEET E20c1_trad2_previous.mxd</p>				




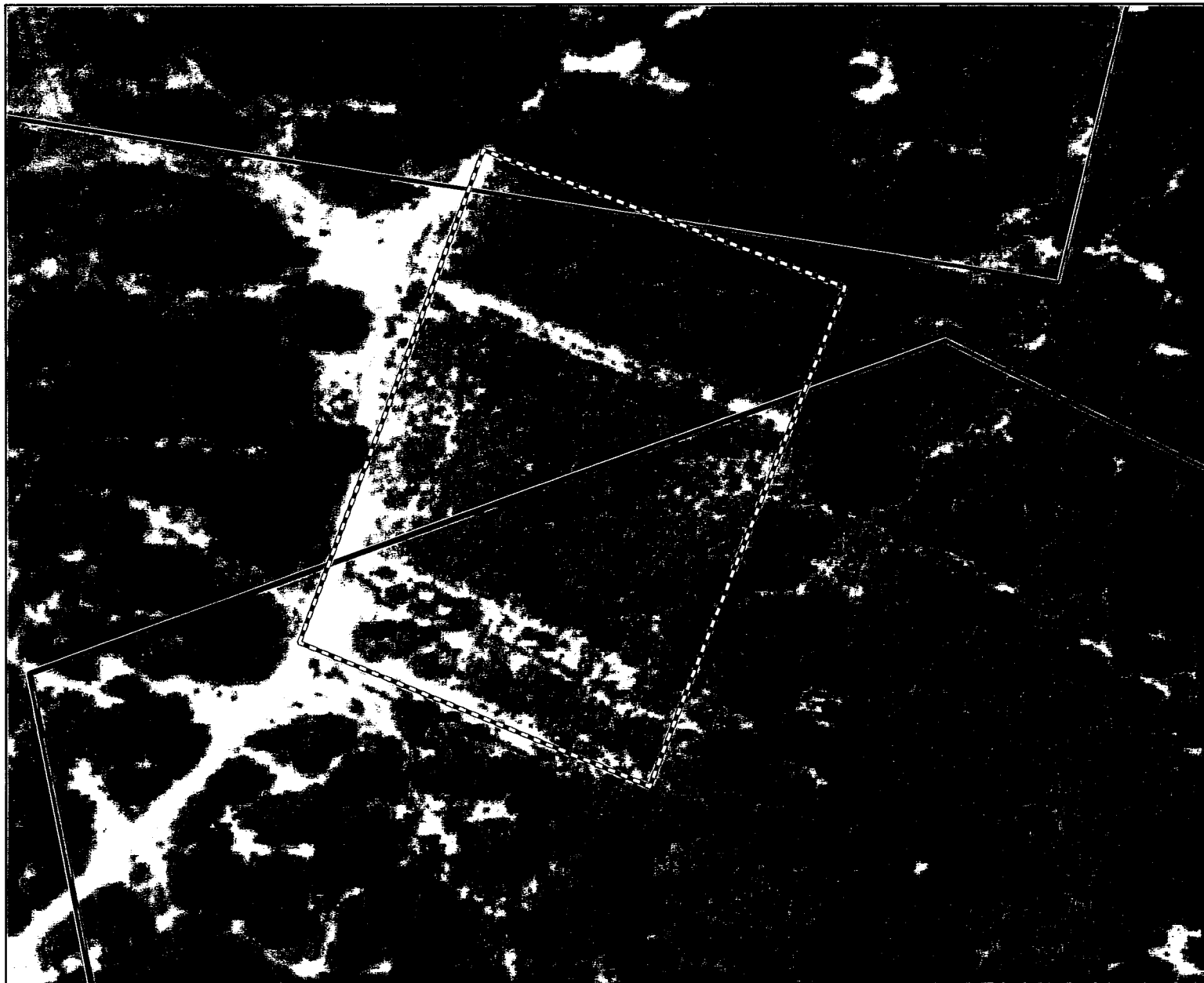
Legend

-  E20c1 Parcel
-  Munitions Response Site (from ASR)
-  Ranges (from Aerial Photos)






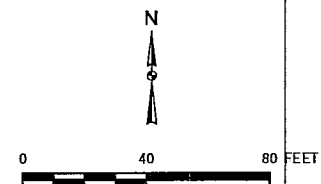
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REVISION	DATE	DESCRIPTION	CHKD	APPR
		 Shaw Environmental, Inc.		
DESIGNED:		Department of the Army		
C. BURNS		Sacramento District, Corps of Engineers		
DRAWN:		Sacramento, California		
K. BLACK		1951 AERIAL PHOTOGRAPH		
CHECKED:		FORMER FORT ORD, CALIFORNIA		
SUBMITTED:	DATE	SCALE:	SHEET	SPEC. No.
			FILE No.	
			E20c1_Track2_1951.mxd	



Legend




-  E20c1 Parcel
-  Munitions Response Site (from ASR)
-  Ranges (from Aerial Photos)



REVISION	DATE	DESCRIPTION	CHD	APP'D
<div style="display: flex; justify-content: space-between;"> <div>  Shaw Environmental, Inc. </div> <div> Department of the Army Sacramento District, Corps of Engineers Sacramento, California </div> </div>				
DESIGNED: C. BURNS		1951 AERIAL PHOTOGRAPH FORMER FORT ORD, CALIFORNIA		
DRAWN: K. BLACK				
CHECKED:				
SUBMITTED:		DATE	SCALE	SHEET
				FILE No. E20c1_Track2_1951.mxd




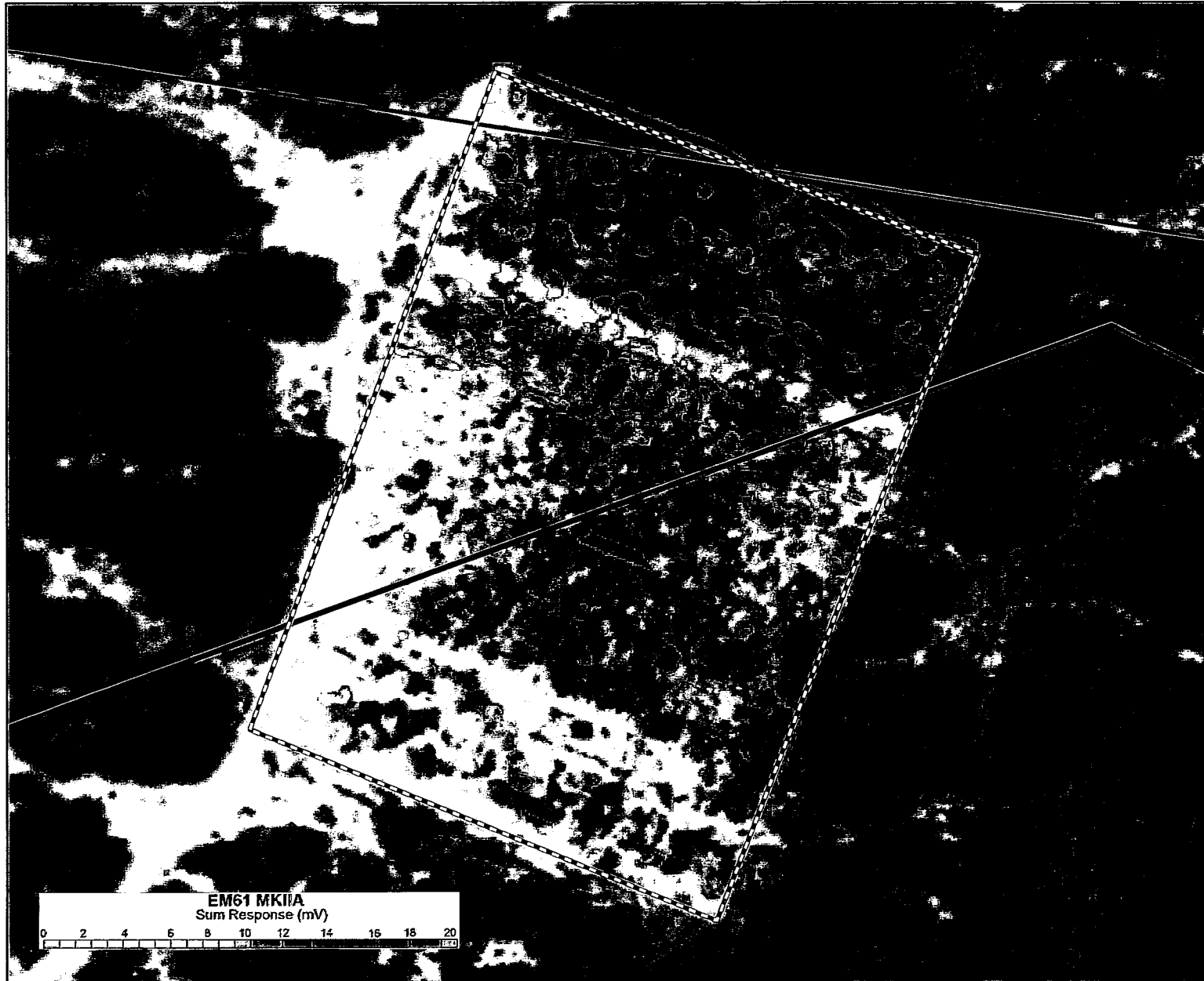
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-  E20c1 Parcel
-  Munitions Response Site (from ASR)
-  Ranges (from Aerial Photos)






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REVISION	DATE	DESCRIPTION	CHD	APP
 Shaw Environmental, Inc.		Department of the Army Sacramento District, Corps of Engineers Sacramento, California		
DESIGNED: C. BURNS	2007 AERIAL PHOTOGRAPH FORMER FORT ORD, CALIFORNIA			
DRAWN: K. BLACK				
CHECKED:				
SUBMITTED:	DATE	SCALE	SHEET	SPEC. No.
			FILE No. E20c1_Track2_2007.mxd	



Legend

-  E20c1 Parcel
-  Munitions Response Site (from ASR)
-  Ranges (from Aerial Photos)



0 30 60 FEET

REVISION	DATE	DESCRIPTION	CHD	APPD
		Department of the Army Sacramento District, Corps of Engineers Sacramento, California		
DESIGNED: C. BURNS		E20c.1 DGM RESULTS WITH 1951 AERIAL PHOTOGRAPH FORMER FORT ORD, CALIFORNIA		
DRAWN: K. BLACK				
CHECKED:				
SUBMITTED:		DATE	SCALE	SHEET
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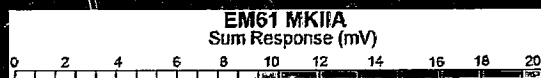


Legend

- E20c1 Parcel
- Munitions Response Site (from ASR)
- Ranges (from Aerial Photos)



0 30 60 FEET



REVISION	DATE	DESCRIPTION	CHD	APPR
DESIGNED:		Department of the Army		
C. BURNS		Sacramento District, Corps of Engineers		
DRAWN:		Sacramento, California		
K. BLACK		E20c.1 DGM RESULTS		
CHECKED:		FORMER FORT ORD, CALIFORNIA		
SUBMITTED:	DATE	SCALE:	SHEET	SPEC. No.
			E20c1	Trac2_DGM.mod

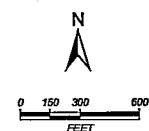
03/17/2010
NRBC



LEGEND



EM61 MKIIA
Sum Response (mV)

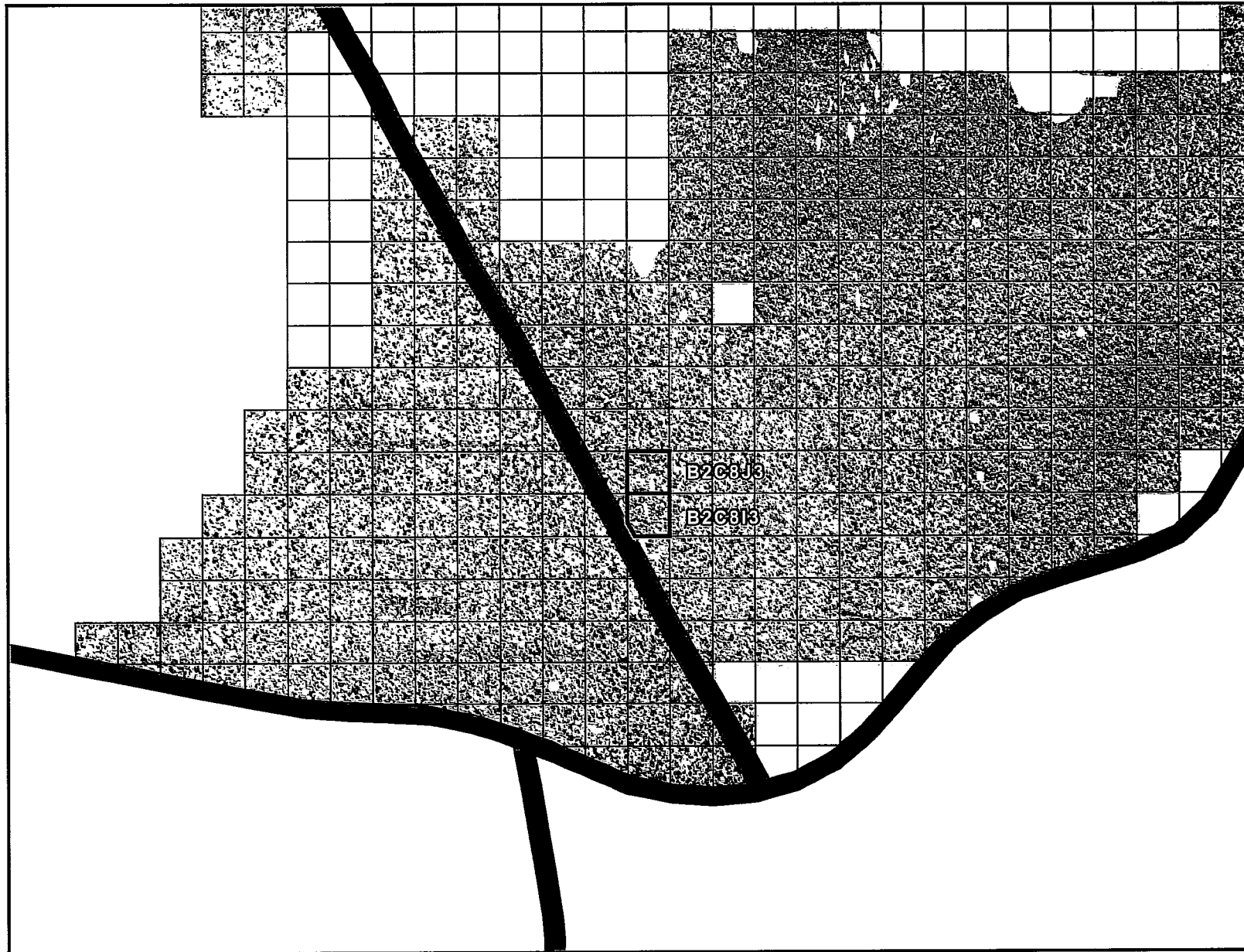
0 2 4 6 8 10 12 14 16 18 20



Projection: NAD_1983_StatePlane_California_IV_FPS_40M_Feet

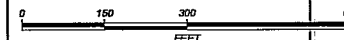
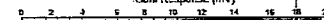
Data presented on map are current as of 03/17/2010.
Data have not undergone a quality control review and
therefore, are subject to change.

 <p>U.S. ARMY CORPS OF ENGINEERS SACRAMENTO DISTRICT</p>		
FIGURE NUMBER	FORMER FORT ORD DGM Processed Data Units 14, 14A, and 19	
N/A		
 <p>Shaw Environmental, Inc.</p>		
REV.	PROJECT NUMBER	FILE NAME
	846075	SEE FOOTER



LEGEND

EM61 MKIA
:Sine Response (mV)



Projection : NAD_1983_StatePlane_California_IV_FPS_0404_Feet

Data presented on map are current as of 03/17/2010.
Data have not undergone a quality control review and
therefore, are subject to change.

	<p>U.S. ARMY CORPS OF ENGINEERS SACRAMENTO DISTRICT</p>				
<p>FIGURE NUMBER N/A</p>	<p>FORMER FORT ORD DGM Processed Data Units 14 and 14A Closeup</p>				
<p> Shaw Environmental, Inc.</p>					
<p>REV.</p>	<table> <tr> <td>PROJECT NUMBER</td><td>FILE NAME</td></tr> <tr> <td>846075</td><td>SEE FOOTER</td></tr> </table>	PROJECT NUMBER	FILE NAME	846075	SEE FOOTER
PROJECT NUMBER	FILE NAME				
846075	SEE FOOTER				

