



MMRP Update

DATE

July 16, 2013

FORT ORD MILITARY MUNITIONS RESPONSE PROGRAM (MMRP) FORMERLY ORDNANCE & EXPLOSIVES (OE)

Lyle Shurtleff, Fieldwork Manager
Military Munitions Response Program

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Mission

To effectively reduce the threat to public safety by securing dangerous areas and removing hazardous military munitions on the former Fort Ord to a level suitable for reuse.

Objectives

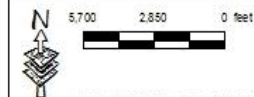
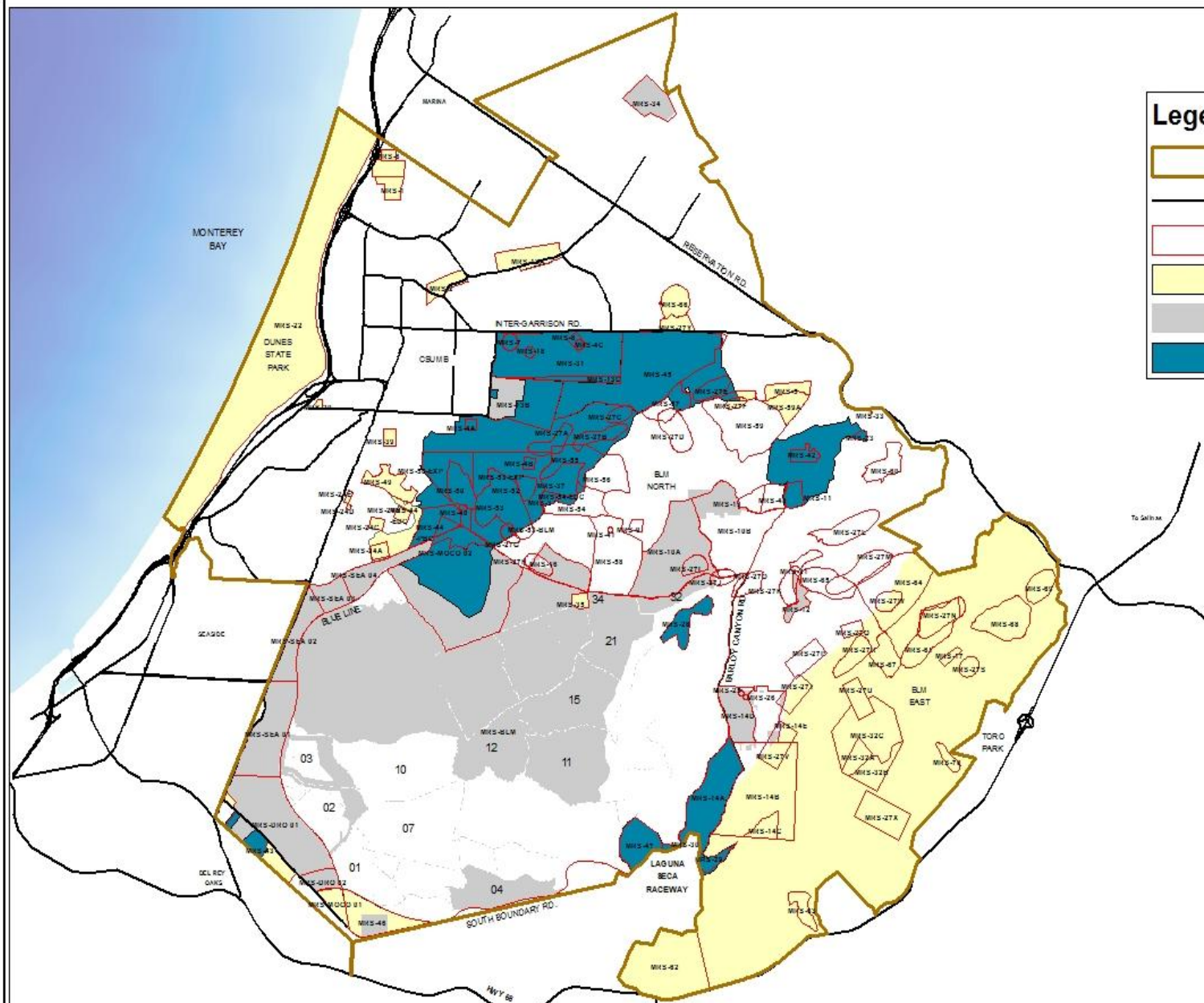
- Locate potential hazardous military munitions areas, assess the hazard, and secure those areas as necessary (Munitions Response Sites (MRS))
- Develop and implement appropriate response actions habitat assessment, vegetation removal, geophysical investigation, military munitions of concern (MEC) removal, quality control, quality assurance, documentation, and monitoring.
- Provide public and technical MEC safety education to the public. Inform the community so people area aware of the potential hazards.

Munitions Response

MR S Fieldwork and
Property Status 2013

Legend

- Former Fort Ord Boundary
- Major Roads
- Munitions Response Sites
- Track 1 (No Further Action)
- Removal Conducted
- ESCA

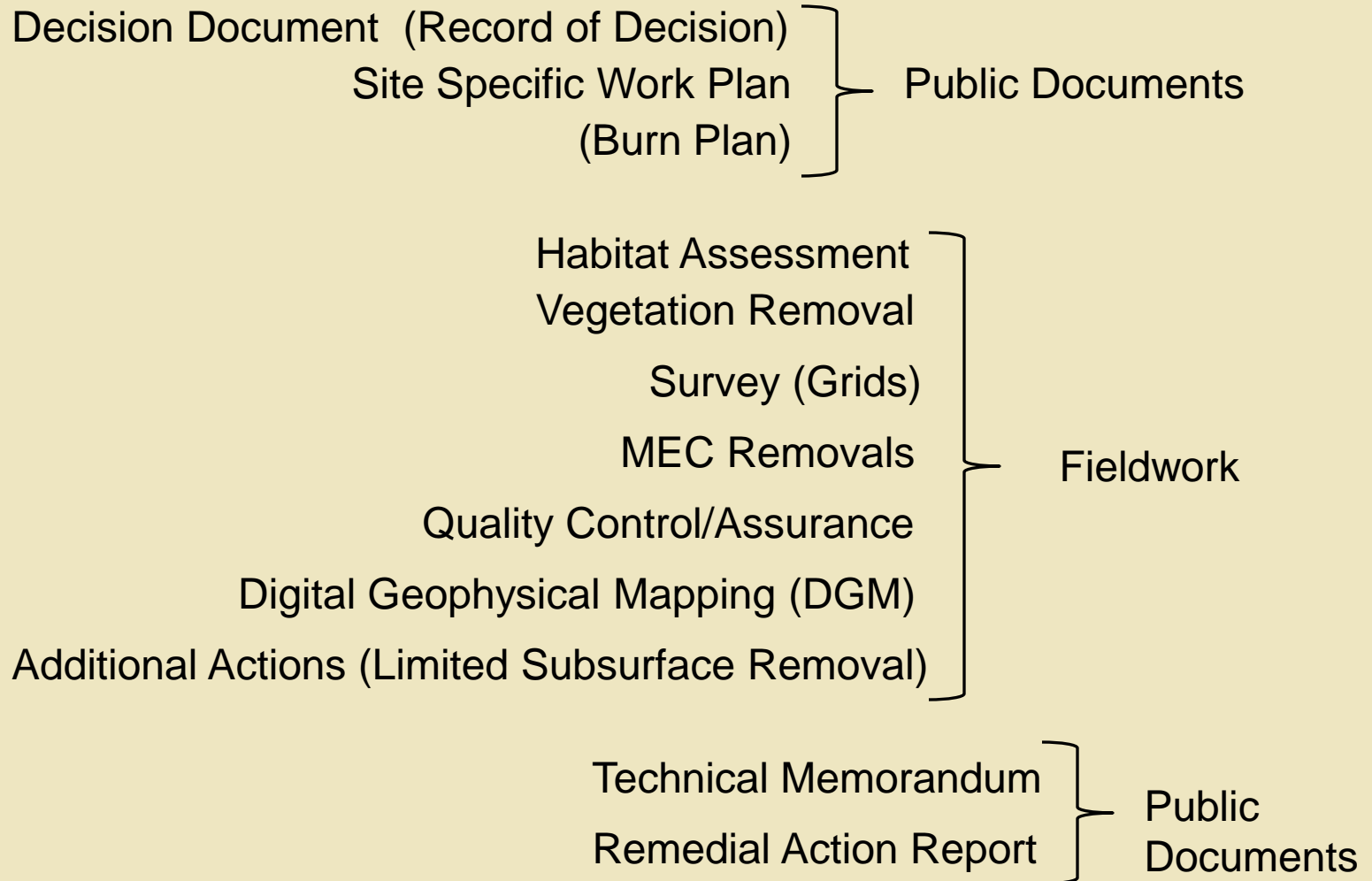


U.S. ARMY CORPS
OF ENGINEERS

FORMER FORT ORD
MONTEREY, CALIFORNIA

PROJECT	DATE	DATE	DATE
MR S Fieldwork and Property Status 2013	11/02/13	11/02/13	11/02/13
PROJECT MANAGER	DATE	DATE	DATE
John A. Shale	11/02/13	11/02/13	11/02/13
PROJECT	DATE	DATE	DATE
John A. Shale	11/02/13	11/02/13	11/02/13
Document Name	Revision	Revision	Revision
MR S Fieldwork and Property Status 2013	01	02	03

Track 3 MEC Removal Process



Habitat Assessment



Vegetation Removal



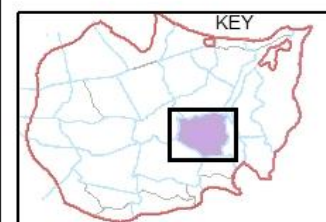
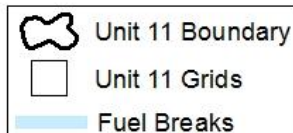
Prescribed Burning

Mechanical Cutting



Survey

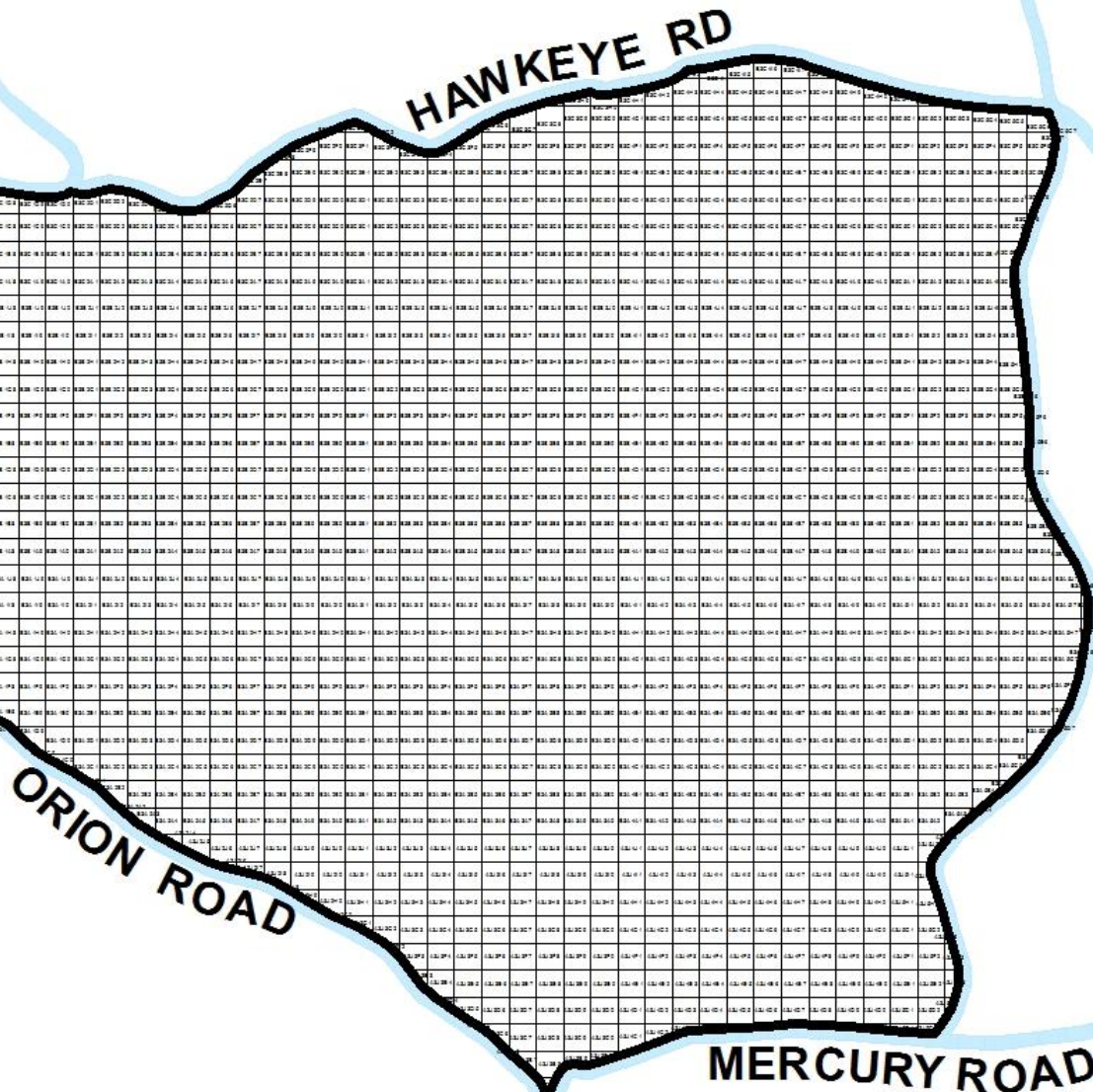
MRS-BLM Unit 11 Grid Survey



0 250 500 1,000 Feet

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

DRAWN BY: Cary Steibel	DATE:
DATE: 7/10/2013	FILE: Unit 11 Grid Survey 07102013



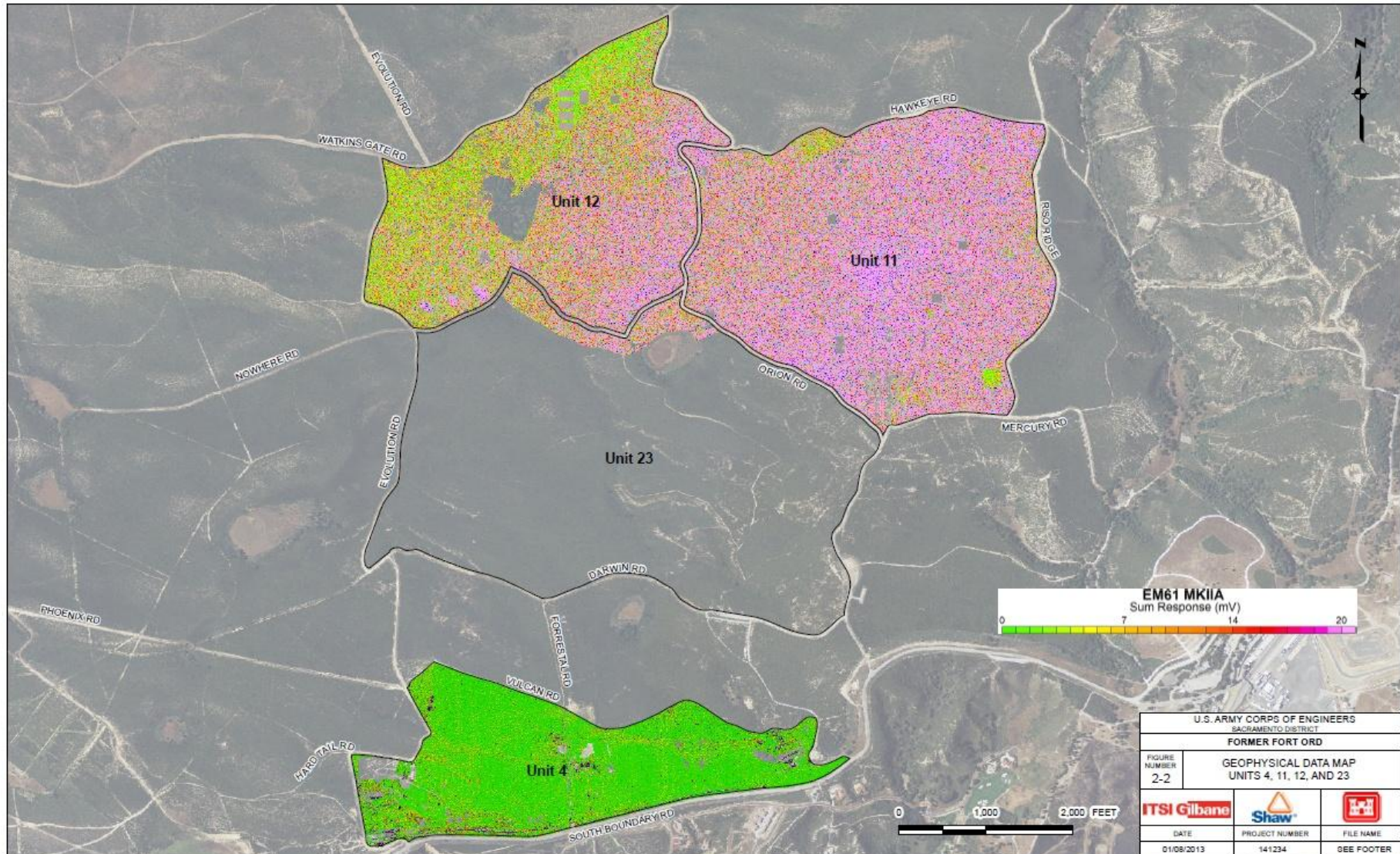
Quality Control (Field)



MEC Removal



Digital Geophysical Mapping



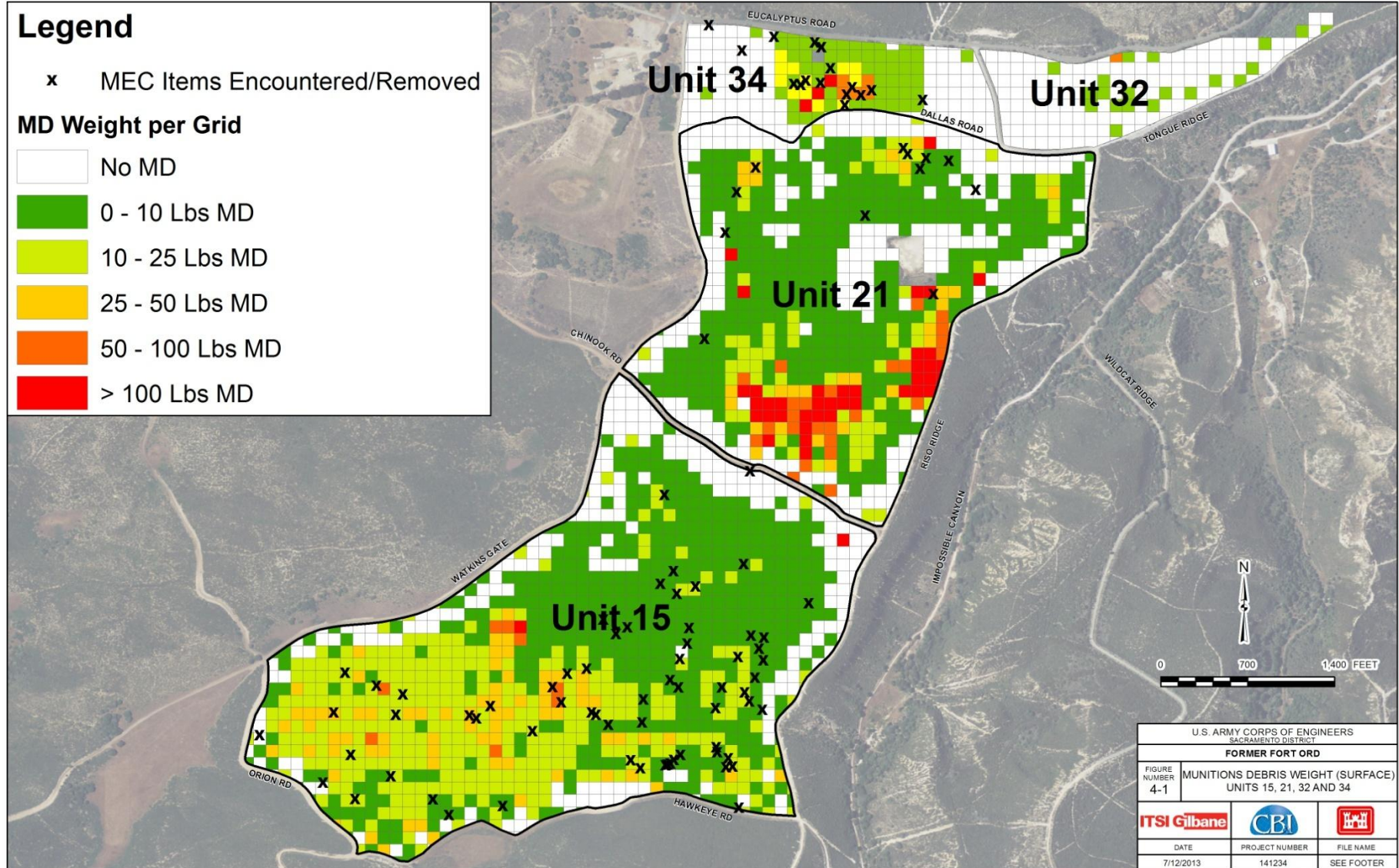


MEC Removal– Units 15/21/32/34

Legend

x MEC Items Encountered/Removed

MD Weight per Grid



U.S. ARMY CORPS OF ENGINEERS SACRAMENTO DISTRICT		
FORMER FORT ORD		
FIGURE NUMBER 4-1	MUNITIONS DEBRIS WEIGHT (SURFACE) UNITS 15, 21, 32 AND 34	
DATE 7/12/2013	PROJECT NUMBER 141234	FILE NAME SEE FOOTER

MEC Removal - Units 15/21/32/34

MRS-BLM Units (15/21/32/34 (TK3 ROD) (495 acres)

Prescribed Burn

October 7-8, 2010

Burned 277 acres of vegetation

Surface removal

October 2010 - October 2011

DGM

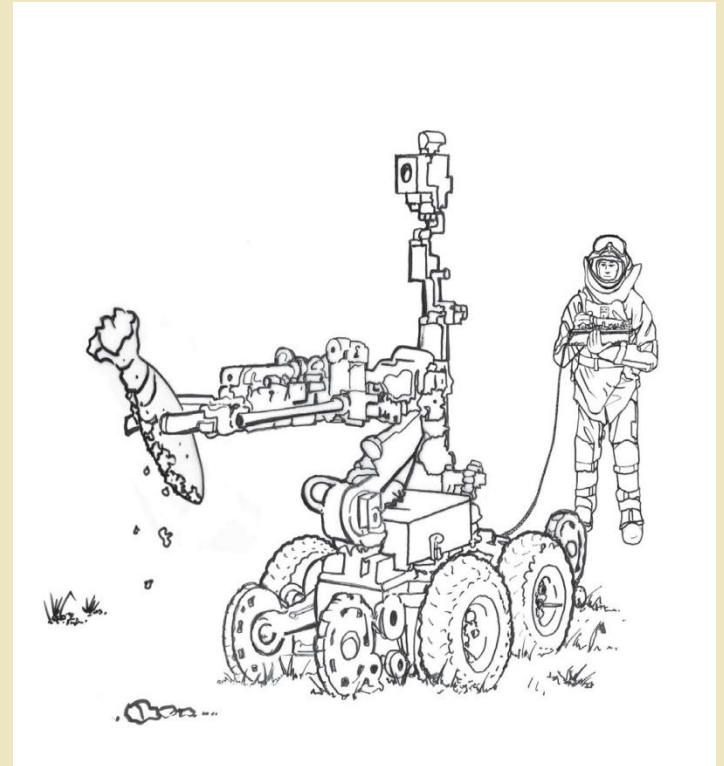
December 2012 – January 2013

Technical Memorandum

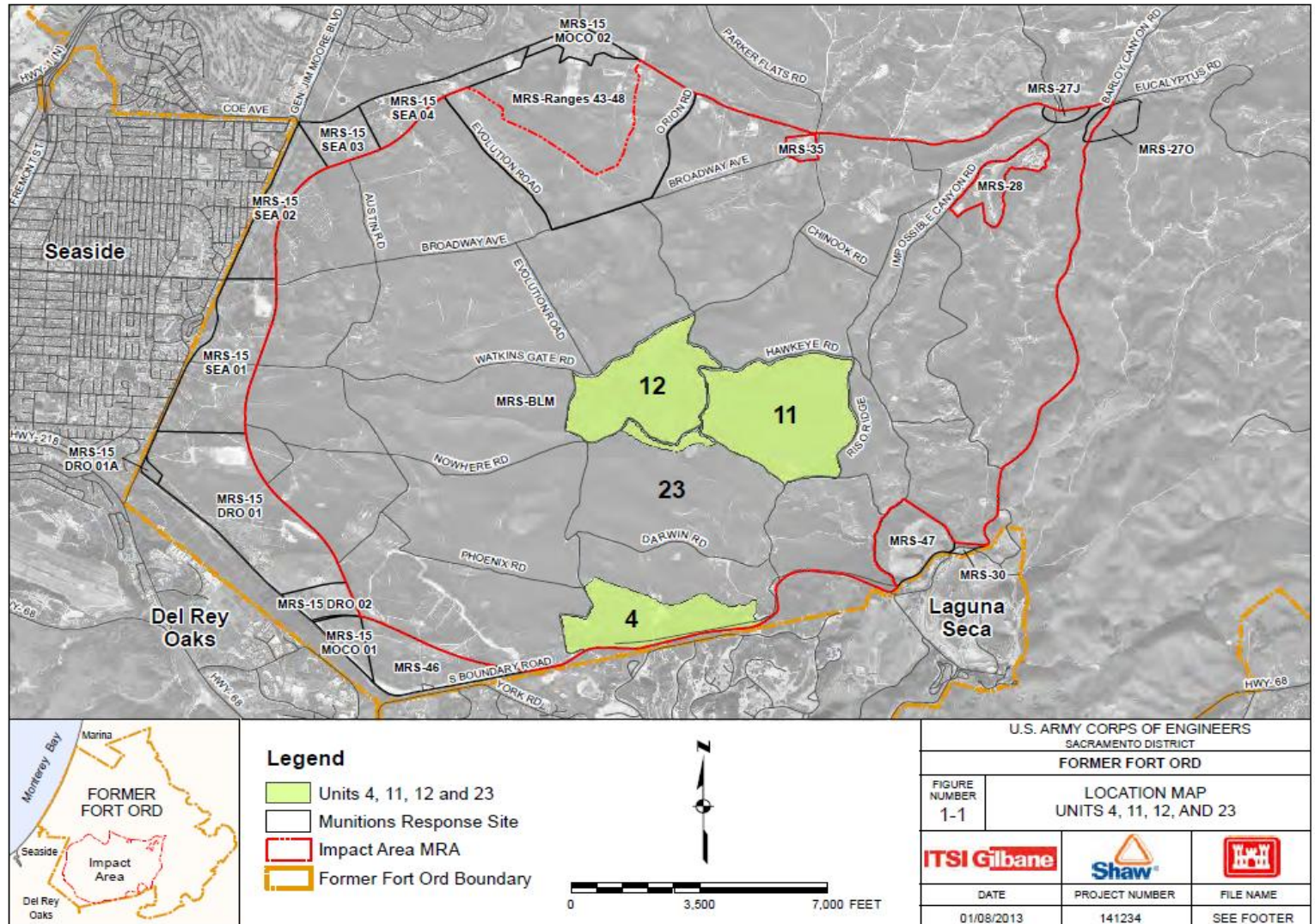
August 2012

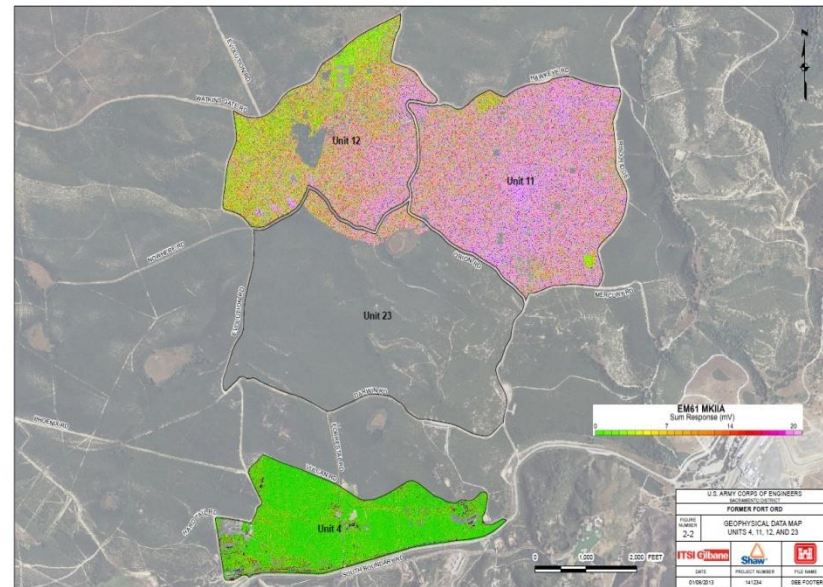
Remedial Action Report

June 6, 2013



MEC Removal– Units 4/11/12





MEC Removal - Units 4/11/12

**MRS-BLM Units 4/11/12
(TK3 ROD) (969 acres)**

Prescribed Burn

Cancelled

Surface removal

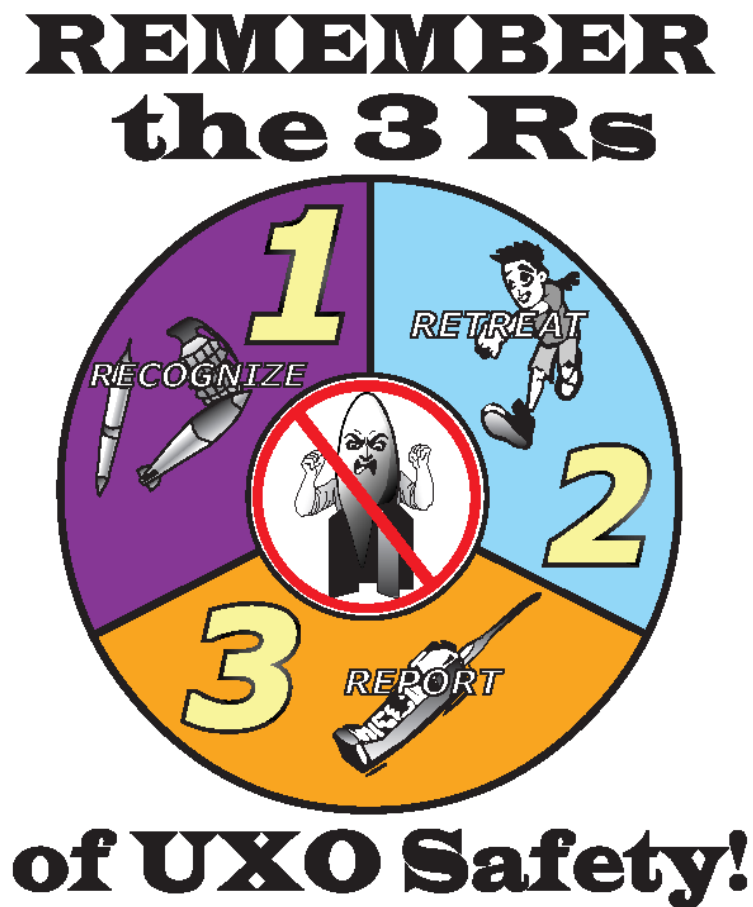
January 2011 – January 2013

Technical Memorandum

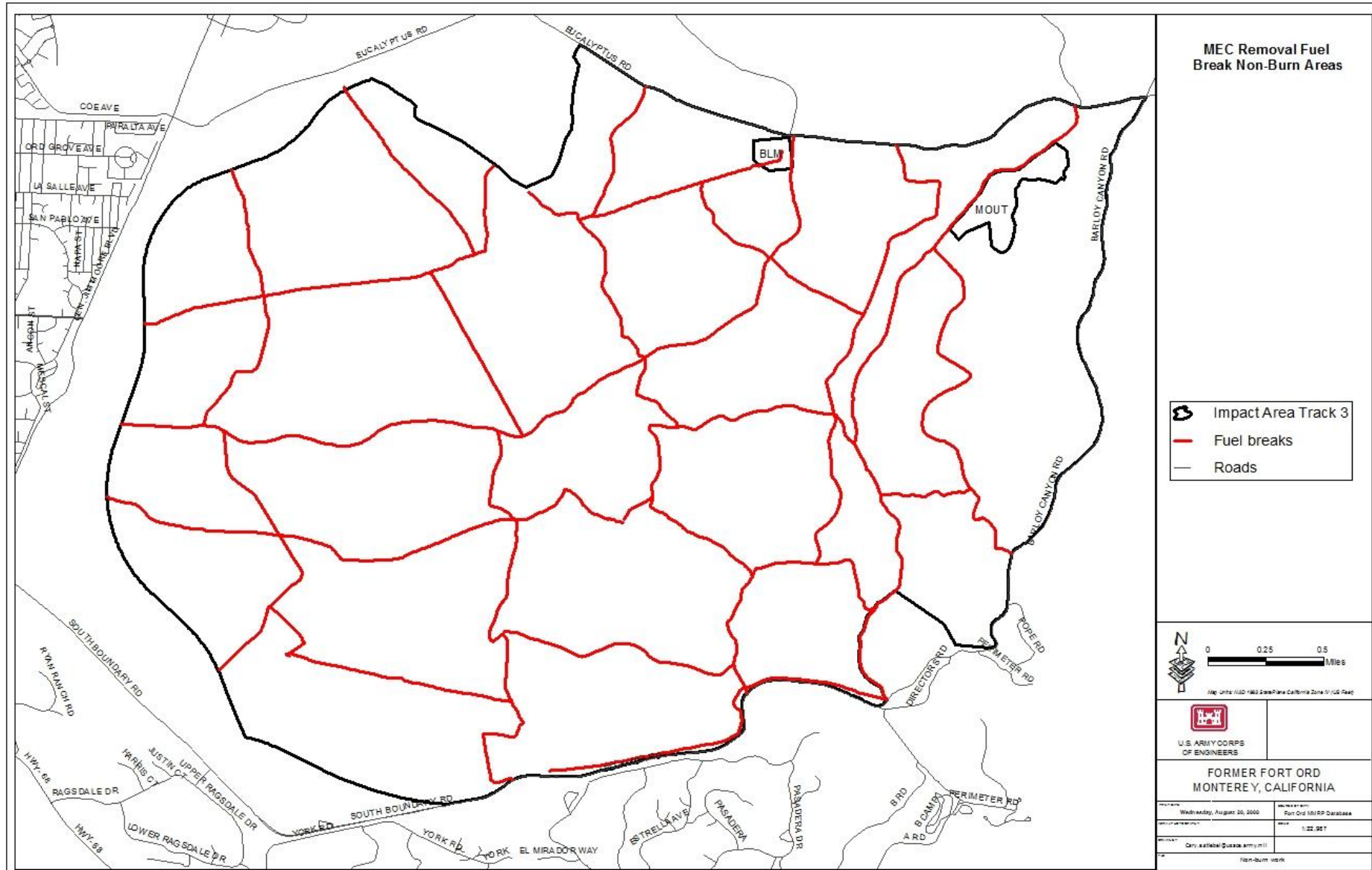
March 2013

After Action Report

TBD



MEC Removal - Non-Burn Areas

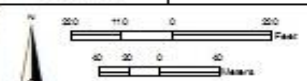


MEC Removal - Non-Burn Areas



MEC Removal 100 Foot
Buffer MOUT Non-Burn

□ MOUT Buffer Work Units



PROJECT Title: MEC Removal	DATE: 10/10/2019
PROJECT LOCATION 2007, 21 Omaha Photography	PROJECT LOCATION Fort Ord, California
PROJECT NUMBER Cory A. Blase@usace.army.mil	PROJECT NUMBER 104.2.19
PROJECT NAME MOUT Buffer - Omaha 2102019	

MEC Removal– Units 7/10

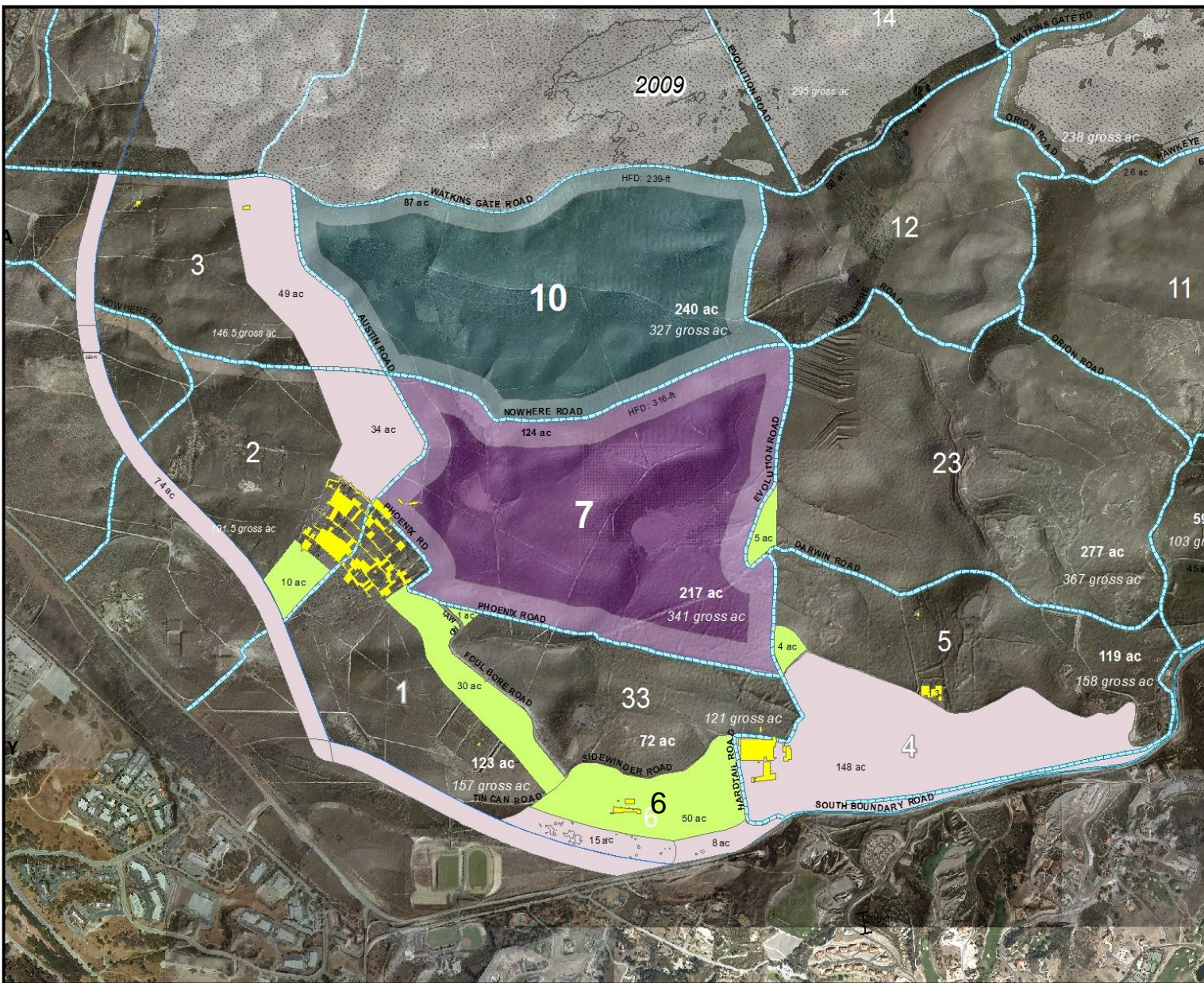


FIGURE 2

MRS-BLM Burn Units

**7 and 10
Location**

and

**Additional Mastication to
Support Prescribed Burns**



Legend

- Vegetation Removed from Lead Soil Remediation Activities
- Fuel Breaks
- Additional Mastication in Support of Unit 10 - 328 ac Completed in 2012
- Additional Mastication in Support of Unit 7 - 100 ac Required for 2013
- Previously Burned Units MEC Cleanup Complete

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

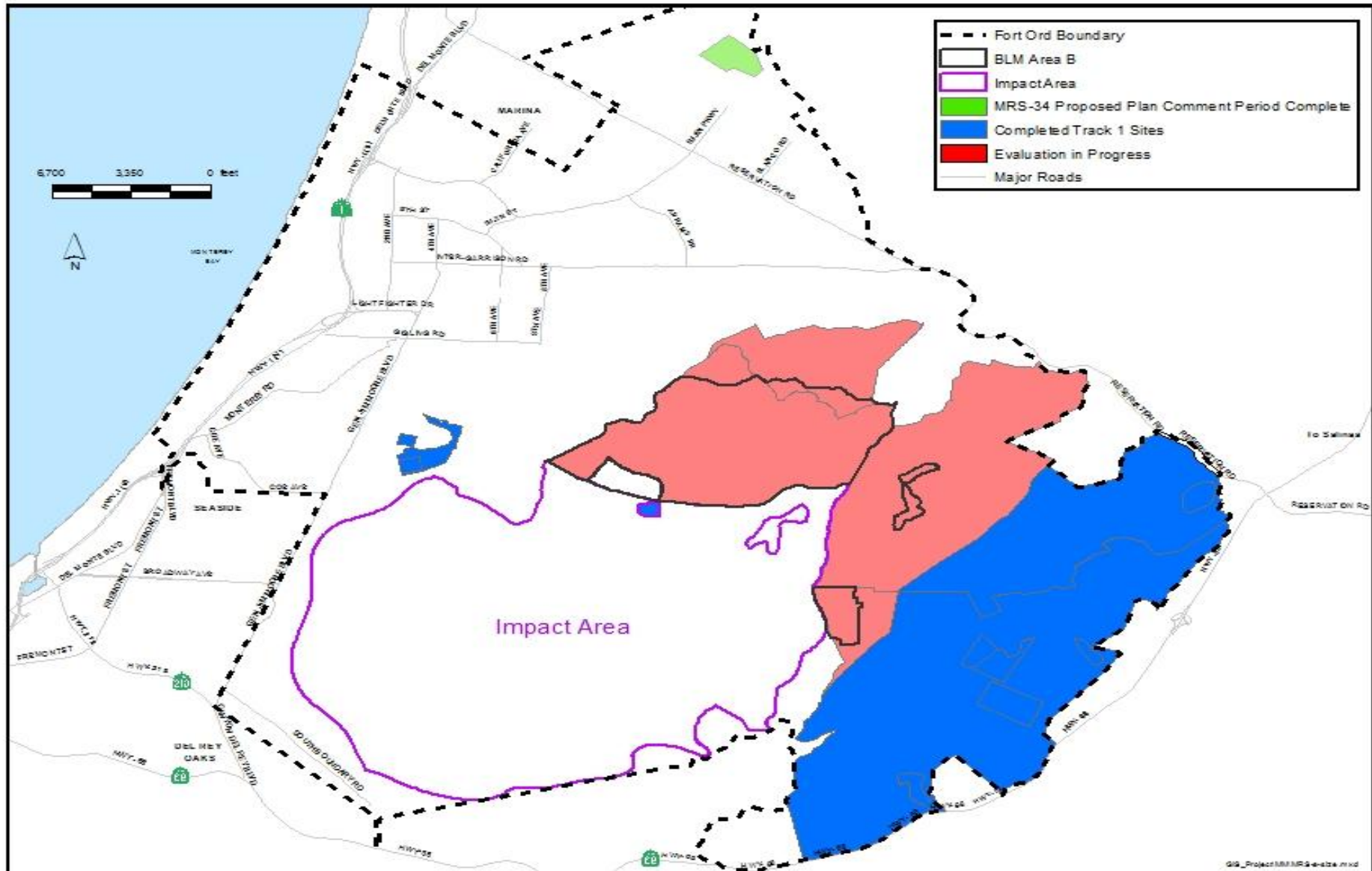
DRAWN BY: Chris Duymich

DATA: 2007 Aerial Photography


DATE: April 3, 2013

FILE: GIS/Burn Program/7_and_10/FIGURE-2_Units_7_10_Location_Rev2013-2a.mxd

Remaining Sites Remedial Investigation/ Feasibility Study (RI/FS)



DOCUMENTS



Document	Version	Date
MRS-BLM Units 15/21/32 and 34 <ul style="list-style-type: none">• Remedial Action Report	Final	June 6, 2013
MRS-BLM Units 4/11/12 <ul style="list-style-type: none">• Technical Memorandum• Remedial Action Report	Draft Final Draft	March 22, 2013 TBD
MRS-BLM Units 7/10 <ul style="list-style-type: none">• Prescribed Burn Plan• Site Specific Work Plan	Final Final	Updated April 2013 July 2012

WEBSITE

Community Involvement • Cleanup Programs • Maps • Fort Ord Primer • Links • Contact • About

Thursday, July 11, 2013

Contact

Call [800-852-9699](tel:800-852-9699) for updates on the Army's cleanup activities. [Report suspected military munitions](#). Sign-up for [Military Munitions Recognition and Safety Training](#).

Event Calendar

Summary of upcoming events as posted in "[What Happens Next](#)"

Document Review



Access [Recent Documents](#) posted for public review or view [Reference Documents](#).

Administrative Record

The [Administrative Record](#) contains all the documents related the cleanup at the former Fort Ord. [Search](#) the Administrative Record or read more about the [Administrative Record repositories](#).

Fort Ord Primer

Read more about [general information and background history](#), including location, climate, topography, geology,

This website is hosted by the U.S. Army to inform the community of environmental cleanup activities and the status of transfer of property at the former Fort Ord.



Detonation Update

Posted 7/11/2013

[Click here to read about Detonations.](#)

There are no Army detonations scheduled for today (7/11/2013). For more information, call 1-800-852-9699.

For ESCA detonation updates, please visit www.fora-esca-rp.com or call 831-883-3506.

Community Involvement Workshop/Guided Bus Tours of Cleanup Sites: Postponed

Posted 7/1/2013

This has been prepared to notify you that our July 13, 2013, Fort Ord Cleanup Community Involvement Mobile Workshop has been postponed due to directed furlough.

We will reschedule this event sometime after September 30, 2013 or as soon as the furlough ends. If you are attending the Monterey County Fair on August 30, please stop by our information booth.

Prescribed Burns and Direct Notification Program

Posted 6/13/2013

The Fort Ord prescribed burn season begins July 1, 2013; However, we will not consider mobilizing for a prescribed burn until we have all the proper conditions. One of the key conditions is the weather. We typically see these very specific weather conditions in

Prescribed Burns

Read the latest information about the [prescribed burn program](#) and [Direct Notification](#).

Property Transfer and ESCA



Information, [property parcels search](#), [ESCA link](#), and [Reuse Maps](#) related to the

closure and reuse of federal real estate at the former Fort Ord.

Community Involvement

See how you can get involved! Learn more about [public surveys](#), [meetings](#), attending tours, reading the Community Relations Plan and [factsheets](#), and [more...](#)

Cleanup Programs



Read about the various on-going cleanup programs,

including the [Military Munitions Response Program](#) and the various [Superfund Actions](#).

Points of Contact



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