


SUBJECT: MR BCT Meeting
December 18, 2006
 BRAC Conference Room

| Check () | Name | Organization | Phone | E-mail address |
|-----------------|-----------------------------|---------------|--------------|--------------------------------------------------------------------------------------------------|
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| <i>present.</i> | David Eisen | COE | 831-393-9692 | David.Eisen@usace.army.mil |
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| Item | Action | Comment |
|----------------------------------|------------|------------------------------------------------------|
| Fieldwork Update | Update | MRS-16 Range 36A |
| Site Security Program | Update | |
| MRS-16 | Update | |
| Investigation in E20c.1 | Discussion | |
| Property Transfer | Update | |
| Track 2 Parker Flats MRA | Update | |
| Track 3 Impact Area MRA RI/FS | Update | |
| Other Planning Issues | Discuss | -DRO -Ranges 43-48 SCAs and "non-completed areas" |
| Report Status | Update | |
| FFA Schedule | Update | |
| Action Items | Update | |
| Calendar of upcoming meetings | Discuss | |

Fort Ord Military Munitions Response Program Fieldwork Update

12/15/2006

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MMRP Fieldwork Update

MRS-16

A prescribed burn has been completed on the 79 acre area of MRS-16 in preparation for a removal to depth munitions response. Habitat management transects have been installed to support monitoring of vegetation recovery from the preparatory, prescribed burn, and munitions response actions. A surface MEC removal is in progress.

| PHASES: | <u>Start Date</u> | <u>Date Complete</u> |
|--------------------------------|-------------------|----------------------|
| Preparatory Actions | 06-19-06 | 07-12-06 |
| Prescribed burn | 10-19-06 | 10-19-06 |
| Surface safety sweep | 10-23-06 | 11-03-06 |
| Vegetation removal (remainder) | 11-14-06 | 12-14-06 |
| Surface Removal | 12-04-06 | |
| Digital survey | | |
| Subsurface removal | | |
| Digital survey/QC/QA | | |

ISSUES AND CONCERNS:

1. The prescribed burn voluntary temporary relocation reimbursement application period is complete. A report is pending.
2. POM FD will produce a summary of the prescribed burn action (target pub date 28 Feb).

MMRP Fieldwork Update

PROJECT: Range 36A

The munitions response for Range 36A is in progress. The vegetation on the 1.8-acre area of Range 36A was removed (cut) in preparation for the munitions response action. A digital (EM-61) survey of the area has identified significant subsurface anomalies. One range-related debris item has been treated (wholly inert 250-pound General Purpose practice bomb). Excavation of peak subsurface anomalies is complete. Request for extension of closure period and proposal to amend Closure Plan (Munitions Response Work Plan) has been submitted. Further work is pending DTSC approval of a proposed alternative closure plan from Army.

Start date: 5-2-06

Estimated date complete: TBD

PHASES:

| | |
|--------------------------------------|-------------|
| Surface safety sweep | Complete |
| Vegetation removal | Complete |
| Digital survey | Complete |
| Subsurface sampling (peak anomalies) | Complete |
| Closure Plan Amendment | In progress |

ISSUES AND CONCERNS:

- 1) High density of subsurface anomalies.

12/15/2006

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MMRP Fieldwork continued

PROJECT: Annual Impact Area Fuel Break Maintenance

Start Date: 7/06

Estimated date complete: 10/06

PHASES: Vegetation cut on existing fuel breaks adjacent to and within the impact area (MRS-BLM) (approx. 245 acres). Approximately 144 acres of those fuel breaks were scheduled for vegetation cutting in CY 2006. Cutting is suspended pending acquisition of additional equipment.

Issues and Concerns:

1. Habitat in the impact area may be impacted by a restart of FB maintenance. A review of remaining maintenance by POM FD is pending.

MMRP Fieldwork Update
Unexploded Ordnance (UXO)/Munitions Debris (MD)/
Range Related Debris (RRD)
Summary

| <u>Description</u> | <u>UXO/DMM/TBD</u> <u>(Items)</u> | <u>MD</u> <u>(lbs.)</u> | <u>RRD</u> <u>(lbs.)</u> |
|---------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------|
| MRS-16 | 0/0/23 | 158 | N/A |
| Range 36A | 0/0/0 | 0 | 250 |
| SBR | 0/0/0 | 0 | 10 |

MMRP Site Security Program

Trespass Incidents:

- None

MEC Incidents:

- An 81mm mortar illumination projectile was reported by a development contractor on Marina Heights property on November 13. A response by the 787th EOD resulted in the destruction of the item. There is insufficient source data to determine the item type.
- Two ammo cans were reported in steep terrain on November 14 on BLM land. USACE OSS responded, determined the contents to be 5.56mm blank ammunition and removed the cans to the ESL for future disposition.

Community Education: Total recipients to date: (TBD)

- A school MEC safety presentation was provided to Washington Union School 4th grade on October 30.

MEC Rec and Safety Tng: Total personnel trained to date: 229

Other: None

PROPOSED INVESTIGATION APPROACH FOR PARCEL E20C.1

INTRODUCTION

A portion of Parcel E20c.1 requires additional evaluation because of uncertainties involving the source of munitions debris (MD) discovered within its boundaries. Of specific concern are the unexplained high concentration of Mark II fragmentation grenade fragments in grids C2B4G8 and C2B4D6 and their unidentified source training range.

As a result of this concern, the EPA proposed that a one-foot removal be conducted in the area inside the blue boundary (roughly drawn-approximately 22 acres) on the attached map to remove any munitions and explosives of concern (MEC) in the cited area. The reason for the one-foot removal request is the potential that an unidentified fragmentation hand grenade range may be present inside of the blue boundary, as evidenced by the grenade safety levers, safety pins, and high concentrations of Mark II fragmentation grenade fragments in the listed grids. The basis for the one-foot removal depth is the fact that the potential MEC that may be in the area (Mark II fragmentation hand grenades) are not penetrating munitions. As a result, any MEC present in the parcel should be on the surface or within one foot of the surface. Any grids located within the blue boundary that were previously 100 percent sampled need not be reinvestigated.

If no MEC is discovered during the removal process, or if MEC is discovered that is pyrotechnic in nature or is of the practice type that is not considered life threatening, then the EPA would agree to the designation of Parcel E20c.1 as a Track 1 Site. The EPA would consider the removal as an EPA-requested confirmation action that does not serve to disqualify the site as a Track 1 site. Should the removal result in the discovery of high explosives MEC (other than a small number of random items not related to known activities on the site). The EPA would then request that Parcel E20c.1 be classified as a Track 3 parcel or as a Track 2 if a complete removal is performed prior to conducting an RI/FS (EPA, August 2006).

Proposed Approach

In response to the EPA's proposed investigation of the 22 acre area, the Army is proposing the following work to further characterize a portion of the area. The Army has evaluated a number of possibilities to determine if MEC i.e. Mark II fragmentation grenades are within the investigation area. The major impediment in characterization is the large amounts of small metal fragments from the exploded grenades. In addition the dense vegetation at the site even after cutting will obscure the ground surface so that direct visual observation is not possible. Because of this situation the Army is proposing an incremental approach which first attempts to locate the area of the grenade target(s) if they existed, and then determine further actions in coordination with the BCT. The Army's approach is:

1. Cut the vegetation in a 10 acre area surrounding the grids where numerous fragments were found in previous work, see Figure 1.
2. Using a digital geophysical device (EM -61 or G858) map the ground surface to determine where the highest densities of metallic debris are located. this should

provide approximate target locations. All grids will be surveyed, even if previously investigated.

3. Process geophysical data collected to determine if any geophysical anomalies that could be MEC items are readily apparent. Post processing of the data using electronic filters could be utilized to further define if items are located beneath the surface. Based on the results of the mapping determine where excavation of anomalies would be conducted.
4. Excavation of anomalies and appropriate QC/QA processes
5. Submit report detailing work completed and findings. Include recommendations for follow on work, either additional characterization, removal, or Track 1 Approval Memorandum.

The Army will attempt to select anomalies that are indicative of the Mark II fragmentation hand grenades from the results of the geophysical survey to investigate/excavate to a depth of one-foot. The basis for the one-foot investigation depth is the fact that the potential MEC that may be in the area (Mark II fragmentation hand grenades) are not penetrating munitions, therefore, any MEC present in the parcel should be on the surface or within one foot of the surface. In parts of the investigated area where distinct anomalies cannot be identified following the EM-61 survey, mag and dig operations may be conducted.

Based on the review of the results the Army, in discussion with the BCT, will determine if additional investigation is warranted. or if a full removal action over additional area is required. The Army is taking this incremental approach since the location of any subsequent grids is unknown and vegetation removal is required prior to any geophysical survey.

If this investigation indicates that MEC is not present within the investigation area, and high density of MD is limited to the grids discussed above. the Army proposes to document this area as a Track 1 site.



MED. INCIDENT
11-13-06
MARGINA HENRY



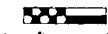
Approx Loc
8.1 min Iu Rd
11-13-06



Legend

- GRENADE HAND PRACTICE MK 2
- MK II Hand Grenade Fragment
- Site Walks
- MRS
- Previously Sampled Grids
- Proposed Expansion Areas (10.1 acres)
- Proposed Grids
- EPA Proposed First Tee Area One Foot
- Removal Location with 2003 Aerial Photo

0 50 100 FEET



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|------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------|--|
| REVISIONS DATE DESCRIPTION DRAWN BY CHECKED BY SUBMITTED DATE | | Department of the Army Sacramento District Corps of Engineers Sacramento, California | |
| DESIGNED K. EMANN | | FIGURE 1 EPA Proposed First Tee Area One Foot Removal FORMER FORT ORD, CALIFORNIA | |
| DRAWN P. AM | | SHEET 11 OF 11 SPEC. 201 First Tee 1.mxd | |
| CHECKED T. KELSBALL | | DATE | |