

**KEMRON TO MR Status**  
**Fort Ord MR BCT**  
**February 10, 2023**

**UNIT 5 REMEDIAL ACTION UPDATE**

**(KEMRON TO 03)**

**FIELD ACTIVITIES**

- There are no current field activities.

**DOCUMENTS**

**Unit 5 Technical Memorandum**

- The Pre-Draft Unit 5 TM was submitted to CESPCK on 12/14/22.
- Document comments were received on 1/30/23, and the Draft TM will be issued for Army review by 2/10/23. The Draft TM will be sent out for regulatory review by the end of February.
- The Unit 5 TM contains a summary of each RA work stage completed and other information:
  - Vegetation Clearance
  - Surface MEC Removal
  - Digital Geophysical Mapping
  - Subsurface MEC Removal in Pond 21
  - MEC, MD, and RRD/OD Recovered
  - QA/QC Activities
  - Recommendations
- The following 3 Unit 5 documents will be included in the TM as Appendices: BLM Joint Inspection Summary, USACE DGM QA Report, and the DGM Data Assessment Report.
- Due to data quality issues, the DGM survey of Pond 76 (0.13 acres) previously performed by Kyle Lindsay in 2022 will be repeated around April or May when pond water recedes.
- If any targets requiring investigation are identified by CESPCK from that pond survey, KEMRON will be tasked to accomplish the target excavations.
- A decision has been made by CESPCK to proceed with regulatory submittal of the Draft TM without the Pond 76 DGM survey, since the survey cannot be completed now, due to pond water from recent rains, until April or May.

### **Unit 5 DGM Data Assessment and Anomaly List Development**

- The Draft Unit 5 DGM Data Assessment and Anomaly List Development report was submitted to CESPK on 01/04/23.
- The purpose of the document was to identify anomalies from the DGM data that could represent large ordnance items in the near-subsurface that would need to be cleared in advance of a future prescribed burn of the unit, for ground and air personnel safety reasons.
- A total of 95 targets in Unit 5 were identified with response characteristics of a large munition item within 2 feet of the surface (31 targets for a potential large item within one foot).
- Document comments were received on 1/30/23, and the Final report will be issued to the Army with the Draft Unit 5 TM on 2/10/23.

### **UNIT 5 OUTSTANDING WORK ACTIVITIES**

- Pond 76 target removals (if any)
- Removal of targets presenting as large items
- Filling of target boxes with locally acquired soil
- Consolidated demolition
- RAR following field work completions and consolidated demolition

## **2022 ANNUAL SURFACE MONITORING AND MEC SUPPORT UPDATE (KEMRON TO 04)**

### **FIELD ACTIVITIES**

#### **Annual Monitoring**

- The 2022 ASM field work was completed on 12/21/22.
- Two suspect MEC items were found in Ranges 43-48 South. Both were 60mm M49 Series Mortar Projectiles and were relocated to the explosives storage locker (ESL) within the Impact Area.
- Only very small amounts of MD were recovered from the unit transects.
- Erosion was observed in only 5 Impact Area Units.

### **DOCUMENTS**

#### **Pre-Draft 2022 ASM Report**

- The Pre-Draft 2022 ASM Report was submitted to CESPCK on 01/19/23.
- Document comments were received on 1/31/23, and the Draft report will be issued to the Army by 2/17/23.
- KEMRON made recommendations to discontinue annual monitoring in some full and partial units. These recommendations to discontinue monitoring are still being considered by the Army.
- A map of the monitored Impact Area Units for 2022 ASM is attached.

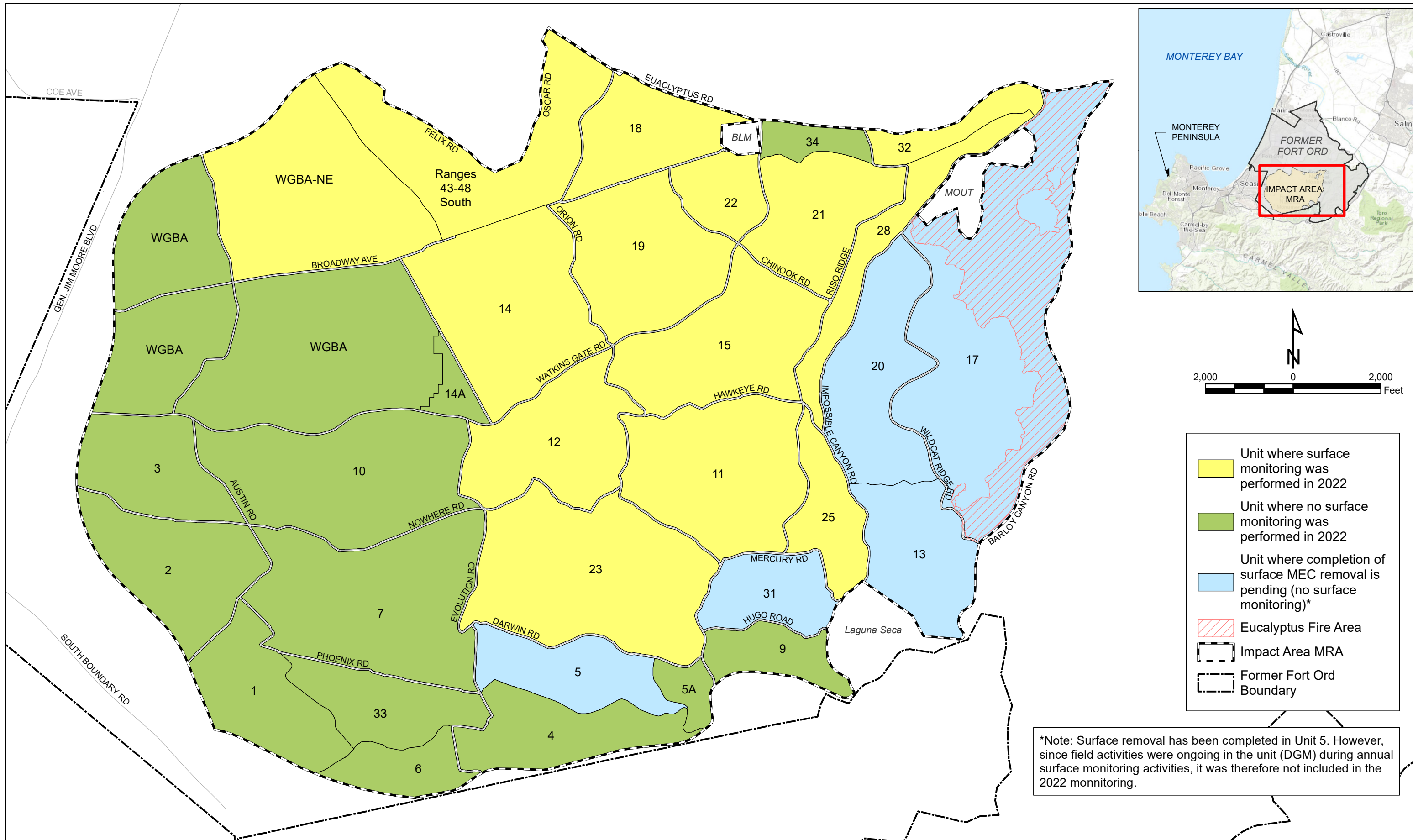
### **OTHER ACTIVITIES**

#### **Incidental MEC Encounter**

- The BLM weed crew encountered an item while performing work in Unit 25.
- On 1/26/23, KEMRON senior UXO staff examined the item and identified it as an M43 series Mortar with the M52 Point Detonating series fuze broken off in the nose.
- The item was relocated to the ESL for storage.
- A small, localized area of erosion was the likely reason for the item encounter.

#### **Explosives Storage Locker (ESL)**

- There are currently 3 items stored in the ESL after completion of the 2022 ASM field work (2) and the recent MEC encounter (1).
- Some explosives remain in ESL storage.
- The annual ESL grounding certification was performed by JM Electric on 01/27/23.
- The ESL grounding certification report is expected soon.
- The KEMRON SUXOS continues to perform weekly ESL inspections.



**2022 Track 3 Annual Surface Monitoring Report**  
 Munitions and Explosives of Concern  
 Former Fort Ord, California

**Figure 1**

Impact Area MRA and Regional Location Units Map  
 2022 Annual Surface Monitoring Units