

KEMRON TO MR Status
Fort Ord MR BCT
January 25, 2024

UNIT 5 REMEDIAL ACTION UPDATE

(KEMRON TO 03)

FIELD ACTIVITIES

Subsurface MEC Removal in Pond 76

- On 11/13/23, KEMRON investigated the 7 targets identified by USACE's Kyle Lindsay from the DGM survey of Pond 76 in Unit 5. No MPPEH items were found.

Unit 5 Target Box Filling

- The USACE-BLM Joint Inspection of Unit 5 identified a new project in the unit for filling all target boxes in order to improve safety for future BLM work in the unit.
- USACE and KEMRON have been in discussions on new TO scoping for the filling of the 34 target boxes in Unit 5, concentrated in the southeast corner of the unit. Map showing the target box locations is attached.

DOCUMENTS

Unit 5 Subsurface Risk Reduction Plan

- A total of 95 targets in Unit 5 were identified by KEMRON with response characteristics of a large munition item within 2 feet of the surface (31 targets for a potential large item within one foot). Map showing the target dig locations is attached.
- KEMRON was tasked by USACE to investigate these targets in Unit 5 and prepare documentation of the work.
- KEMRON addressed comments received from USACE, DTSC, EPA, and FOCAG on the Draft Unit 5 Subsurface Risk Reduction Plan.
- The Draft Final Unit 5 Subsurface Risk Reduction Plan is now in review by CESPCK and is expected to be provided to external stakeholders by the end of this month.
- USACE has requested that the DGM data gaps in Unit 5 (3.2 acres) also be investigated for potential near-surface large munition items as an added safety measure. Map showing the Unit 5 data gap areas is attached.
- USACE is working on a new TO scope for this additional data gaps work effort which is already described in the Plan. Field work will likely proceed in June.

Unit 5 Remedial Action Report

- An RAR will be prepared for Unit 5 after the upcoming risk reduction field work, since all RA activities in the unit will be complete after that work effort.

FIELD ACTIVITIES**Fuel Breaks QC Digs**

- On 11/21/23, KEMRON completed the Fuel Breaks QC Digs field effort on Orion and Watkins Gate Roads.
- 1,220 target digs were completed on Orion Road, and 323 target digs were performed on Watkins Gate Road.
- KEMRON also investigated 82 additional QC targets and 200 QA targets along the two road segments as part of the overall quality program, resulting in a project total of 1,825 target digs.
- Data gap investigations were also completed over 0.61 acres along the 2 road segments where AGC instrumentation was not able to conduct surveying.
- 12 MPPEH items were found over the course of the project and placed in the ESL awaiting future demolition operations.

2023 Annual Surface Monitoring

- Field monitoring was completed in all 12 Impact Area units in the 2023 program on 10/16/23. No MPPEH items were found, and very little MD was observed/recovered.
- In 2023, there were no MPPEH finds in these units, no suspect MEC or MEC-like MD observed, and only very small amounts of MD recovered.

DOCUMENTS**Pre-Draft Fuel Breaks TIP Update**

- The Pre-Draft Fuel Breaks TIP Update – Volume 3 is now in review with CESPK.
- USACE decided to create a 3rd volume of the Fuel Breaks TIP to simplify the presentation of the data collected from Orion and Watkins Gate Roads in light of the fact that these 2 segments were the final ones planned for completion of the RA over 25.5 acres of Impact Area roads.
- Volume 3 of the Fuel Breaks TIP will contain documentation of not only the subsurface MEC removal activity results from the recent 2 road segments completed but also presentation of overall Fuel Breaks RA data summaries, descriptions of the advanced geophysical classification survey activities previously conducted that led up to the MEC removals, and all of the steps that were completed along the way to support meeting all of the subsurface MEC removal objectives of the program.
- Specifics of the recent QC and QA data collected will be presented and evaluated, and the verification and validation results will also be included.

2023 Annual Surface Monitoring Report

- The Draft Final 2023 Annual Surface Monitoring Report is now in review by CESP and is expected to be provided to EPA and DTSC around the end of this month.
- WGBA-NE (lower anomaly density area) and the remaining portion of Unit 22 (higher anomaly density area) are currently recommended for removal from the program, based on an evaluation of the 2023 observations and the most recent earlier years' annual monitoring observations.

OTHER ACTIVITIES

Explosives Storage Locker (ESL)

- There are currently 19 items stored in the ESL:
 - 1 4.2-in, M3, HE
 - 6 81mm, M43, HE
 - 7 60mm, M49, HE
 - 1 60mm, M720, HE
 - 1 60mm, M83, illum
 - 1 60mm, M720, HE
 - 1 37mm, MK I, LE
 - 1 37mm, MK II, LE
- 12 of the items now in storage originated from the recent Fuel Breaks QC Digs project on Orion and Watkins Gate Roads.
- Some explosives also remain in ESL storage.
- The annual ESL grounding certification is planned to be completed within the next 2 weeks.
- The KEMRON SUXOS continues to perform weekly ESL inspections.





