



TRANSMITTAL MEMORANDUM

To: Distribution

Date: 7 December 2017

Subject: Second Addendum to the Final Units 1, 2, 3, 7, 10, and 33 and Watkins Gate Burn Area (WGBA) Sampling Work Plan, Former Fort Ord, California

This submittal includes a second addendum to the *Final Units 1, 2, 3, 7, 10, and 33 and WGBA Sampling Work Plan, Former Fort Ord, California*, dated July 2016. This addendum to the Sampling Work Plan evaluates the extent of potential lead contamination in step-out samples in the Impact Area Munitions Response Area (MRA) Unit 33 at the Former Fort Ord in Monterey County, California. Following initial and follow-on step-out sampling events for the lead and explosives contamination sampling in Units 1, 2, 3, 7 10, 33, and WGBA, eight locations in Unit 33 had a lead concentration higher than the reference concentration. This third round of step-out samples will be collected in accordance with this addendum, the original Work Plan, the Basewide Range Assessment Work Plan (Harding ESE/IT, 2001), the Feasibility Study Addendum, Site 39 Inland Ranges (MACTEC, 2008), the Record of Decision Amendment, Site 39 Inland Ranges (Army, 2009), and the Final Comprehensive Basewide Range Assessment Report Revision 2 (Shaw, 2012) with minor modifications to ensure data are representative of site conditions. Step-out sampling procedures were discussed in the approved final work plan in addition to this addendum.

Comments are requested by January 10, 2018, and should be sent to:

William K. Collins
BRAC Environmental Coordinator
U.S. Army Fort Ord BRAC Field Office
P.O. Box 5008
Monterey, CA 93944-5008
Fax: 831-393-9188

Comments may be submitted in electronic format or by fax; however, they must be followed up with a hard copy sent through the U.S. Postal Service or hand delivered to the Fort Ord Administrative Record. All hardcopy comments must be received by close of business on the designated comment period deadline. The Army will accept comments after this deadline, but cannot guarantee that they will be incorporated in revisions to the document.

Should you have any questions, please contact the U.S. Army, Fort Ord BRAC Community Relations Office at (831) 393-1284 or by e-mail at melissa.m.broadston.ctr@mail.mil.

Distribution List:

Addendum 2 to the Units 1, 2, 3, 7, 10, 33, and Watkins Gate Burn Area North and South (WGBA) Sampling Work Plan, Former Fort Ord, California

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**Addendum 2 to the
Units 1, 2, 3, 7, 10, 33, and Watkins Gate Burn Area North and South (WGBA) Sampling Work
Plan, Former Fort Ord, California**

This work plan addendum (Addendum 2) is presented as a supplement to the *Units 1, 2, 3, 7, 10, 33 and Watkins Gate Burn Area North and South, Sampling Work Plan, Former Fort Ord, California*. (Work Plan; KEMRON Environmental Services [KEMRON], 2016a), and *Addendum to the Units 1, 2, 3, 7, 10, 33 and Watkins Gate Burn Area North and South, Sampling Work Plan, Former Fort Ord, California* (Addendum 1; KEMRON, 2016b). This Addendum 2 provides detail regarding additional sampling proposed to further characterize the extent of elevated lead concentrations found in soil within Unit 33.

Sampling completed to date was performed in accordance with the Work Plan and Addendum 1. Results of sample analyses and evaluation of the data are described in the *Draft Sampling Results Technical Memorandum Basewide Range Assessment Investigation Site 39 Units 1, 2, 3, 7, 10, 33, and Watkins Gate Burn Area North and South Former Fort Ord* (Combined Units Tech Memo; KEMRON, 2017). As described in the Combined Units Tech Memo, significant concentrations of lead in soil were only found in Unit 33 surface soil samples collected in the vicinity of a former target (location 33-01) and associated step-out sample locations. The purpose of the additional sampling described in this Addendum 2 is to provide better data resolution in the vicinity of sample locations where elevated concentrations of lead have been identified.

Based on the results of sample analyses performed to date, additional sampling is proposed in Unit 33 at 10 locations in the vicinity of location 33-01 (see Figure 1) to refine understanding of the distribution of elevated lead concentrations in shallow soil. The proposed additional sample collection, handling and analyses will be performed in accordance with the procedures described in the Work Plan and Addendum 1. Addendum 2 identifies the locations of the proposed additional samples. Soil samples will be collected using the 7-point incremental method as specified in the Work Plan and Addendum 1. The only procedural variance for the proposed sampling is that samples will not be collected from 2.0 feet below ground surface (bgs) unless concentrations of lead in samples from 1.0 foot bgs at the corresponding location exceed the 225 mg/kg protectiveness threshold specified in the Site 39 Record of Decision Amendment (Army, 2009). Concentrations of lead exceeding 225 mg/kg have not been reported to date in any samples from 1.0 foot bgs in Unit 33.

The proposed additional sampling locations were selected based on the location and spacing of previous samples. The proposed samples are located at approximate mid-points between two previously collected samples or where additional data resolution is needed (Figure 1). The purpose of the proposed sampling is specifically to provide additional data regarding lead concentrations in soil, therefore only lead will be analyzed. Laboratory analyses and data validation will be performed in accordance with the specifications in the Work Plan and Addendum 1. The sampling, laboratory analyses, data validation and evaluation of the resulting data will be provided in the revised draft of the Combined Units Tech Memo following completion of the task.

REFERENCES

Department of the Army, 2009. *Final Record of Decision Amendment, Site 39 Inland Ranges, Former Fort Ord, California*. August. [RI-041E]

KEMRON Environmental Services (KEMRON), 2016a. *Final Units 1, 2, 3, 7, 10, 33, and Watkins Gate Burn Area North and South (WGBA) Sampling Work Plan, Former Fort Ord, California*. February. [BW-2751B]

KEMRON, 2016b. *Addendum to the Final Units 1, 2, 3, 7, 10, and 33 and Watkins Gate Burn Area (WGBA) North and South Sampling Work Plan, Former Fort Ord, California*. July. [BW-2751B.2]

KEMRON, 2017. *Draft Sampling Results Technical Memorandum Basewide Range Assessment Investigation Site 39 Units 1, 2, 3, 7, 10, 33, and Watkins Gate Burn Area North and South Former Fort Ord*. September 28. [BW-2835]

Note: Applicable Administrative Record document numbers are listed in brackets.

