WESTON SOLUTIONS

Westcliffe Engineers, Inc.

FIELD VARIANCE FORM

DATE: 5-14-2008 **PROJECT NAME:** FORA ESCA RP **PROJECT LOCATION:** Former Fort Ord, CA

APPLICABLE DOCUMENT / SECTION: Final Addendum to Final OE-15SEA.1-4 Site-Specific Work Plan, Phase II Seaside Munitions Response Area (MRA) Removal Action, Former Fort Ord, dated January 24, 2008 ("the SSWP Addendum")

SUBJECT: Investigation of approximately 100 subsurface anomalies within the roadway alignment in Special Case Area (SCA) SEA4-A5 or SCA_W111

FIELD CHANGE CONDITION:

The original approach to removing anomalies in this SCA was to scrape the top 6 inches in order to remove debris from the area followed by digital geophysical mapping and removal of remaining anomalies that could be MEC. The minimum separation distance for this activity would be 1,073 feet. This approach would require evacuation of approximately 8 homes during scraping operations. The Army asked FORA to look at alternate solutions as the evacuation of homes could have far reaching consequences.

RECOMMENDED APPROACH / CHANGE:

Weston has reviewed the digital geophysical data previously collected and processed by Parsons, a U.S. Army contractor. There appears to be a linear feature within this SCA. The feature is broken at regular intervals and appears to be the remnants of a fence line. Weston proposes to investigate approximately 100 points along this linear feature to verify the hypothesis that the anomalies are related to a former fence line. This will be accomplished by categorizing the approximately 100 anomalies as SCA Point Anomalies. The anomalies will be investigated using the existing SCA Point Anomaly procedures specified in the SSWP Addendum. It is anticipated that the removal of those 100 anomalies prior to conducting DGM will remove the obstruction that created the SCA and allow the SCA polygon to undergo DGM and finalize the removal action. Clearing and grubbing this area in preparation for roadwork will occur following DGM and anomaly removal operations.

IMPACT ON PRESENT AND COMPLETED WORK:

Since the excavations would be conducted on point anomalies, the minimum separation distance for this activity will be the hazardous fragment distance for the 57mm projectile M306. The minimum separation distance for this operation is 167 feet. This will not require evacuation of homes.

REQUESTED BY: Linda Temple, Remediation Project Manager

[X] **CLARIFICATION/FOR INFORMATION ONLY** [ ] **MINOR CHANGE** [ ] **MAJOR CHANGE**

ESCA RP TEAM APPROVALS:

COMMENTS

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APPROVED BY:	Bruce M. Moe SENIOR UXO SUPERVISOR	Bruce M. Moe SIGNATURE	DATE 5/14/08
ACKNOWLEDGED BY:	Kristie Reimer PROGRAM MANAGER	 SIGNATURE	DATE 5/14/08
ACKNOWLEDGED BY:	Christopher Sowell TECHNICAL PROJECT MANAGER	 SIGNATURE	DATE 5/14/08
ACKNOWLEDGED BY:	Linda L. Temple REMEDIATION PROJECT MANAGER	Linda L. Temple SIGNATURE	DATE 5/14/2008

FORA APPROVAL:

COMMENTS

☒ APPROVED ☐ REJECTED

Stan Cook
FORA ESCA PROGRAM MANAGER

SIGNATURE

DATE 5/14/08