



FIELD VARIANCE FORM

DATE: 21-DEC-09 PROJECT NAME: Interim Action Ranges MRA PROJECT LOCATION: Interim Action Ranges
 APPLICABLE DOCUMENT / SECTION: Explosives Siting Plan (Appendix I, Section 1.6.1, Final Group 1 Remedial Investigation/Feasibility Study (RI/FS) Work Plan – Volume 2)
 SUBJECT: Explosive Disposal Procedures For Range 47 Special Case Area

FIELD CHANGE CONDITION:

During a site visit of the Range 47 Special Case Area (SCA) in the Interim Action Ranges (IAR) Munitions Response Area (MRA) by the Environmental Services Cooperative Agreement Remediation Program (ESCA RP) Team as part of the development of the Group 3 RI/FS, two 40mm M406 High Explosive (HE) projectiles were discovered laying on the ground surface. Due to the location of the projectiles within the fenced impact area, a plan was developed for safe disposal of the two ordnance items. The IAR MRA is covered under the Final Group 3 RI/FS Work Plan; however, the Group 3 plan does not include demolition procedures. The Explosives Siting Plan presented in the Final Group 1 RI/FS Work Plan provides approved guidelines for the disposal of these explosive items.

RECOMMENDED APPROACH / CHANGE:

It is recommended that the disposal of items in the Range 47 SCA be conducted under Section 1.6.1 of the approved Explosives Siting Plan in the Final Group 1 RI/FS Work Plan, Appendix I. This includes evacuating non-essential personnel from the exclusion zone and following the proper notification and approval procedures including coordinating with Salinas Rural Fire District (since the items were found in the jurisdiction of the County of Monterey) and providing the Presidio of Monterey Fire Department a courtesy notification of the detonation.

Due to the high risk of sensitively fuzed munitions within the SCA, heavy vehicles such as pickup trucks and fire trucks will not be allowed to travel in the area. A visually cleared route may be used by an All Terrain Vehicle (ATV) to transport the equipment required for the disposal operation. Without disturbing the projectiles, UXO Technicians will employ electric detonators, detonation cord, and perforators in conjunction with a remote firing system. UXO Technicians will also implement engineering controls at the disposal site to reduce the fragmentation hazard, noise, and fire hazard potential. Engineering controls used by the UXO Technicians will include installing sandbags, plywood, and water containment devices over the items to be detonated; notifying local emergency services of the planned activities and having water available for fire suppression. UXO Technicians will perform a blow in place disposal operation using the remote firing system to control the timing of the detonation.

IMPACT ON PRESENT AND COMPLETED WORK:

Minimal.

REQUESTED BY: Kristie Reimer, ESCA Program Manager

CLARIFICATION/FOR INFORMATION ONLY

MINOR CHANGE

MAJOR CHANGE



ESCA RP TEAM APPROVALS: G. CLARK, L. TEMPLE, B. MOE

COMMENTS

ACKNOWLEDGED BY:

GREG CLARK
WESTON UXO SAFETY
OFFICER


SIGNATURE

12/21/09
DATE

ACKNOWLEDGED BY:

BRUCE MOE
WESTON SENIOR UXO SITE
OFFICER


SIGNATURE

12/21/09
DATE

ACKNOWLEDGED BY:

LINDA TEMPLE
WESTON REMEDIATION PROJECT
MANAGER


SIGNATURE

12/21/09
DATE

FORA APPROVAL:

COMMENTS



APPROVED



REJECTED

STAN COOK

FORA ESCA PROGRAM
MANAGER



SIGNATURE

12/21/09
DATE