



Westcliffe
Engineers, Inc.

FIELD VARIANCE FORM

DATE: 04-30-2008 **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"), & Draft Final Standard Operating Procedure for Mechanical Soil Sifting (April 2008), Section 5.0 and 9.0

SUBJECT: Change 3/4-inch opening square mesh screen deck to a 3/8-inch (8 mm) opening harp type screen mesh for the mechanical sift plant.

FIELD CHANGE CONDITION:

The referenced SOP above specifies that the lower screen deck size of the mechanical sift plant will be a 3/4-inch screen. The sift plant currently has a 3/4-inch screen in accordance with the SOP. Soil was previously wetted down to control dust. The high moisture content of the sand causes the sand to stick to the square metal grading on the 3/4-inch screen deck resulting in gradual clogging of the screen mesh, thereby restricting throughput.

RECOMMENDED APPROACH / CHANGE:

Weston proposes, based on input by the sift plant vendor (Powerscreen), that the 3/4-inch square mesh screen deck be replaced with a 3/8-inch (8 mm) spaced harp screen deck. The proposed screen size opening is smaller than the original screen, however the harp screen mesh is better designed to handle wet sand with less clogging. The harp screen is available for immediate installation. If during periodic screen inspection there is any indication of screen breakage or distortion, the soil pile generated since the previous screen inspection would be re-screened following repair or replacement of the damaged screen.

IMPACT ON PRESENT AND COMPLETED WORK:

The proposed change should reduce clogging and increase throughput while not impacting the effectiveness of MEC removal.

REQUESTED BY: Linda Temple, ESCA Remediation Project Manager

CLARIFICATION/FOR INFORMATION ONLY

MINOR CHANGE

MAJOR CHANGE

ESCA RP TEAM APPROVALS:

COMMENTS



Westcliffe
Engineers, Inc.

DWIGHT GEMAR

APPROVED BY:

ESCA REMEDIATION PROJECT
ENGINEER

SIGNATURE

DATE

4/30/08

ACKNOWLEDGED BY:

ESCA TECHNICAL PROJECT
MANAGER

SIGNATURE

DATE

4/30/08

ACKNOWLEDGED BY:

ESCA REMEDIATION PROGRAM
MANAGER

SIGNATURE

DATE

4/30/08

FORA APPROVAL:

COMMENTS



APPROVED



REJECTED

STAN COOK

FORA ESCA PROGRAM
MANAGER

SIGNATURE

DATE

4/30/08