



OHM Remediation Services Corp.

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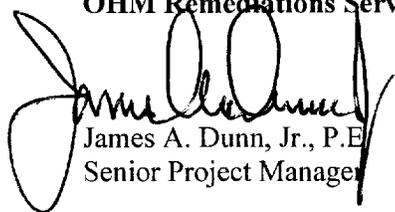
Ms. Maritza Montegross, Code 18
Atlantic Division, NAVFACENGCOM
LRA, Building A, Room 3200
6506 Hampton Blvd.
Norfolk, VA 23508

Re: Errata submission for Work Plans for Site 85
Contract N62470-97-D-5000; Delivery Order 13
MCB, Camp Lejeune, North Carolina

Dear Ms. Montegross:

Enclosed herewith please find a copy of pages 2-1 and 5-2 for insertion into the Final Work Plan for the subject site forwarded to you on 9/1/99. Existing pages in your copy of the plans should be discarded.

Sincerely,
OHM Remediations Services Corp.



James A. Dunn, Jr., P.E.
Senior Project Manager

Enclosure

pc: Rick Raines – IRD/EMD
Gena Townsend – EPA Reg. IV
Dave Lown – NCDENR
Dave Leadenham
Dave Fulton
Kai Mak
Project File 920736-7.2
Brent Rowse – ROICC
Kathy Chavara – Baker Environ.
Greg Hedley – COTR
Roland Moreau
Terry Whitt
Randy Smith – 3 copies
Kate Landman – Code 18232

2.0 REMEDIAL ACTION OBJECTIVES

In accordance with Section 121(d)(1) of CERCLA, remedial actions must attain a degree of clean up which assures protection of human health and the environment. Remedial goals have been based on meeting an Applicable or Relevant and Appropriate Requirement (ARAR), or a site-specific risk based action level. Soil remedial goals were established based on risk-based action levels for the protection of public health or groundwater

2.1 REMEDIAL ACTION OBJECTIVES FOR SOIL

The purpose of the non-Time Critical Removal Action is to remove the battery piles from Site 85. Approximately one foot of soil will be removed from under each battery pile. Institutional controls will be applied for this site. Risk-based clean up goals were established for this site, by Baker Environmental in the EE/CA dated 10/9/98 and are listed below:

<i>Inorganic Contaminant</i>	<i>Concentration (mg/kg)</i>
Aluminum	7,413
Arsenic	6.2
Barium	1,100
Cadmium	2.7
Chromium	27.2
Cobalt	940
Copper	62
Iron	7,135
Lead	270
Manganese	65
Mercury	0.13
Nickel	56.4
Vanadium	110
Zinc	1100

2.2 DESCRIPTION OF THE REMEDIAL ACTION

The non-Time Critical Removal Action will consist of excavating the battery piles and soil underneath the battery piles in a phased approach manner. Initial phase will consist of removal of battery piles and characterization of samples of the battery pile and soil underneath the pile footprint to determine the disposal requirements and extent of

to the pre-determined dimensions as identified in the excavation limits effort. A tracked excavator equipped with a 1/2 cubic yard bucket will carefully excavate the soil. Excavation depths will be manually monitored with a graduated rod or tape measure to avoid any over excavation of soil. Excavated soil will be directly loaded into transport vehicles, weighed, and transported to the selected treatment/disposal facility. Off-site disposal is planned for the excavated soils. After excavation to the specific limits, a visual inspection will be performed on the surrounding soil. If the visual inspections reveal evidence that additional contaminated soil may exist, OHM will consult with the NTR to discuss and/or recommend the extent of additional excavation. Exposed excavation areas with no evidence of contaminated soil will undergo confirmation sampling and analysis with samples routed to the designated off-site analytical laboratory for confirmatory analysis as discussed in the Sampling and Analysis Plan (SAP).

5.5 SITE RESTORATION

Once the contaminated materials have been removed and confirmation sampling has verified attainment of the Remedial Action Objectives, OHM will begin site restoration activities. Due to the current use of the site as a tank maneuvering area, backfill will not be imported for the shallow excavation areas. Disturbed/excavated areas will be backfilled as needed and re-graded to maintain drainage.

Upon completion of grading/shaping of the disturbed areas, seeding will be performed. Grass seed matching existing vegetation will be placed at the rate of 5 pounds per 1,000 square feet over topsoil areas. Fertilizer, Type I, Class 2, 10-10-10 analysis will be applied at the rate of 25 pounds per 1,000 square feet. Mulch and water will be applied as required to obtain an acceptable stand of grass.