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UNITED STATES MARINE CORPS

MARINE CORPS BASE
PSC BOX 20004
CAMP LEJEUNE, NORTH CAROLINA 28542-0004

IN REPLY REFER TO:

0286
BEMD
01 FEB 1995

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Department of the Army, Non-Stockpile Chemical Materiel,
Attn: Program Manager, Aberdeen Proving Ground, Maryland
21010-5401

Subj: INFORMATION FOR SURVEY AND ANALYSIS REPORT ANNUAL
SUPPLEMENT

Ref: (a) Dept of the Army ltr AMCPM-NSM (50q) of 18 Nov 94

1. This correspondence is in reply to the reference concerning the Survey and Analysis Report Annual Supplement. Marine Corps Base, Camp Lejeune, through its Installation Restoration (IR) Division of the Environmental Management Department, has completed a Remedial Investigation (RI) of Operable Unit 4 (which includes Sites 41, 69, and 74). The RI evaluated soil, sediment, surface water, groundwater, and aquatic biota to determine the extent of possible contamination in these media.

2. According to the RI Report, chemical surety degradation compounds were detected in soils and sediments at Site 69, while only existing in soils at Sites 41 and 74. Acetophenone, found at Sites 41 and 69, varied in concentration from 60 parts per billion (ppb) to 960 ppb in sediments, while ranging from 51 ppb to 120 ppb in soils. Hydroxyacetophenone, detected in soils at Sites 69 and 74 ranged in concentration from 120 ppb to 190 ppb. The RI Report states that these compounds "may be associated with training exercises involving the use of riot agents such as tear gas." Due to their infrequency and low concentrations within the sampling media, these particular substances pose no significant risk to public health. While pesticides were found to exist in soils and sediments within all three sites, volatile and semi-volatile compounds were present in all forms of media sampled. These sites are scheduled for remediation through Camp Lejeune's IR Program to eliminate both human health and ecological risks.

3. If you have any questions or comments, please contact Mr. Neal Paul, Director, Installation Restoration Division, Environmental Management Department, at (910) 451-5068.

A handwritten signature in black ink, appearing to read "Robert L. Warren".

ROBERT L. WARREN
By direction

Copy to:
COMLANTNAVFACENGCOM (Code 1823, L. Saksvig, K. Landman)
NCDEHNR (P. Watters)
EPA, Region IV (G. Townsend)