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MCB CAMP LEJUENE  
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LETTER REGARDIING SAMPLING AND ANALYSIS OF GROUNDWATER WELLS NEW  
RIVER FIRST ANNUAL TEST RESULTS MCB CAMP LEJEUNE NC  
8/22/1997  
U S MARINE CORPS



UNITED STATES MARINE CORPS

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

IN REPLY REFER TO:

6286

BEMD

22 AUG 1997

Ms. Carole Hossom  
Environment Health Scientist  
Federal Facilities Assessment Branch  
Department of Health and Human Services  
Division of Health Assessment and Consultation  
Agency for Toxic Substances and Disease Registry  
1600 Clifton Road (E-56)  
Atlanta, Georgia 30333

Dear Ms. Hossom:

A Public Health Assessment for Marine Corps Base, Camp Lejeune was performed by the Agency for Toxic Substances and Disease Registry (ATSDR) in 1995. It identified groundwater contamination at the base as a potential health hazard. In response to this assessment, an annual program to monitor the active drinking-water supply wells was enacted. Furthermore, supply wells in or near (within a 1,500-foot radius) Installation Restoration (IR) sites are to be sampled on a semi-annual basis. IR sites are those contaminated sites undergoing remedial investigations and activities based on the Comprehensive Environmental Response Compensation Liability Act protocol.

Enclosed is a copy of the results from the semi-annual monitoring activities conducted on 24 June 1997. The wells were sampled for Volatile Organic Compounds (VOCs) by Research and Analytical Laboratories, Inc. according to EPA Test Method 524.2. The concentrations for each parameter analyzed at each well were below the laboratory's detection limit of 0.5 µg/L. The detection limit was higher than the North Carolina Administrative Code, Title 15A, Chapter 2, Subchapter 21, groundwater quality standards for several of the VOCs. The compounds meeting this criteria are: bromoform, carbon tetrachloride, chloroform, 1,2-dibromo-3-chloropropane, 1,2-dichloroethane, 1,2-dichloropropane, and vinyl chloride.

Remedial investigations and assessments have been conducted previously at the contaminated sites surrounding or near the supply wells sampled. Based on data from those studies, we do not believe that human health or the environment is at risk.

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

Sincerely,



**SCOTT A. BREWER, PE**  
**Deputy Assistant Chief of Staff**  
**Environmental Management**  
**By direction of**  
**the Commanding General**

Enclosure: 1. Sampling and Analysis of Groundwater Wells at the Marine Corps Base, Camp Lejeune, North Carolina and the Marine Corps Air Station, New River Jacksonville, North Carolina (Contract N62470-96-B-4842), July 1997, Research and Analytical Laboratories, Inc., Kernersville, North Carolina

Copy to: (with enclosure)  
Facilities (Utilities, C. Baker )

Copy to: (w/o encl)  
COMLANTNAVFACENGCOM (Code 1823, K. Landman)  
CMC (LFL, K. Dreyer)  
NEHC (Y. Walker)  
EPA, Region IV (G. Townsend)  
NCDEHNR, Superfund Section (D. Lown)  
NCDEHNR-WiRO, Groundwater Section (C. Stehman)