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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, Ga 30333

AUG 1997

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 CERCLA protocol.

Enclosed is a copy of the results from the semi-annual monitoring activities conducted on 2-4 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 2L 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.

Based on data from previous remedial investigations and assessments for the contaminated sites surrounding or near the supply wells sampled, we do not believe that human health or the environment is at risk due to those VOCs with state groundwater standards lower than the detection limit achieved by the analytical laboratory during this recent sampling event.

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

Sincerely,

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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

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PWO (Utilities, G. Johnson Jr.)

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