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MAR 22 1995

Mr. Robert Warren  
U.S. Marine Corps Base Camp LeJeune  
Assistant Chief of Staff  
P.S.C. Box 20004  
Camp LeJeune, North Carolina 28542-0004

Dear Mr. Warren:

Agency for Toxic Substances and Disease Registry (ATSDR) received your request dated February 3, 1995 for technical assistance in reviewing the proposed Scope of Work for annual monitoring of all active supply wells.

My comments on the Scope of Work Plan - Well Sampling for VOCs are as follows:

Sampling Protocol

To ensure appropriate sample collection, ATSDR needs to know the specific detailed sample collection methodology to be used. No specific collection methodology was included in the Scope of Work Plan - Well Sampling for VOCs.

As a reference, U.S. Environmental Protection Agency, Environmental Compliance Branch in Region 4 has put out a reference entitled "Standard Operating Procedures and Quality Assurance Manual" dated February 1, 1991. This document which you can receive as a WordPerfect 5.1 file, describes in detail the need to sample the well at the sampling port closest to the wellhead, the purge time, the need to sample pH, temperature, and conductivity several times for consistency prior to collection, the type of container, and the need for a full meniscus at the top of the container prior to sealing. The contact name for additional information regarding sampling protocol and the reference document is Bill Bokey at EPA in Athens, Georgia at (706)546-3299.

Analysis Protocol

The list of VOCs for which the samples are to be analyzed is adequate for the annual monitoring purposes. However, no standard analysis protocol was mentioned in the Scope of Work

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Plan - Well Sampling for VOCs. ATSDR recommends for samples collected from the supply well, that EPA method 502.2 be used to analyze VOCs if using Electrolytic Conductivity with Hall/PIC with GC (gas chromatography) or EPA method 524.2 if using GC Mass Spec. These methods specify holding times, blanks, and method detection limits. For additional information, we recommend you contact either Myron Stevenson, Frank Allen, or Sally Hale at EPA in Athens, Georgia (706) 546-3638.

Duration of Annual Monitoring

Additionally, because we know that annual monitoring cannot continue forever, ATSDR needs to know the criteria by which MCB Camp Lejeune will reduce or cease this annual monitoring.

Thank you for consideration of these comments. We will be glad to review further detailed information regarding this sampling plan when they become available.

Sincerely yours,

*Carole D. Hosson*

Carole D. Hosson  
Environmental Health Scientist  
Federal Facilities Assessment Branch  
Division of Health Assessment  
and Consultation

cc:

Mr. Neal Paul, MCB  
Mr. Austin Jones, NEHC  
Ms. Yvonne Walker, NEHC  
Mr. Pete McGarry, EPA  
Mr. John McFadyen, NCDEHNR

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