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STATE HEALTH DIRECTOR

DIVISION OF HEALTH SERVICES  
P.O. Box 2091  
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January 20, 1984

Colonel M. G. Lilley  
United States Marine Corps  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

Re: Reduction of Total Trihalomethanes  
Monitoring Frequency  
USMC Hadnot Point - 04-67-041

Dear Colonel Liller:

Reference is made to your December 12, 1983 letter in which you requested a reduction of the total trihalomethanes (TTHM) monitoring frequency for the Hadnot Point public water supply.

The Hadnot Point water system has reported average quarterly TTHM concentrations of .0478, .0448, .0310, and .0402 mg/l for the latter part of 1982 and the first three quarters of 1983. The annual average TTHM concentration was .0409. From this data, it appears that the TTHM concentrations will be consistently below the Maximum Contaminant Level of .10 mg/l. Therefore, in accordance with 10 NCAC 10D .1635 we will permit the Hadnot Point to reduce the TTHM monitoring frequency to a minimum of one sample per quarter. The quarterly samples must be collected at a point in the distribution system reflecting the maximum residence time of the water in the system.

A check sample must be collected promptly if at any time during which the reduced monitoring frequency applies, the results of TTHM analysis exceed .10 mg/l. If the check sample confirms the regular sample results, this water system must collect four samples per quarter per plant for at least one year before the monitoring frequency can be reduced again.

In addition, if any changes are made in the source of water supply or the treatment process, this water system must again collect four samples per quarter per plant for at least one year. It is your responsibility to notify this office of any such change.

If you have any questions regarding this matter, please let us know.

Very truly yours,  
*Charles E. Rundgren*  
Charles E. Rundgren, Head  
Water Supply Branch  
Environmental Health Section

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RWC/ar  
cc: M. P. Bell ✓