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North Carolina Department of Human Resources

Eastern Regional Office • 404 Saint Andrews Drive • Greenville, N. C. 27834

James G. Martin, Governor

David T. Flaherty, Secretary

July 18, 1988

Commanding Officer
MCAS New River
Jacksonville, NC 28540

RE: Officer's Club
Potable Water Supply
I.D. 04-67-042, Onslow County

Dear Sir:

Samples are routinely collected from the potable water system servicing the MCAS-New River and analyzed for the presence of coliform bacteria by the Natural Resources and Environmental Affairs Laboratory at MCB Camp Lejeune.

A sample collected on 28 June 88 from the galley at the Officer's Club indicated coliform bacteria present (69 colonies/100 ml). Safe Drinking Water Act procedure requires repeat samples to be collected until two consecutive samples are negative. Additional samples were collected by the Utilities Department (MCB-Camp Lejeune) for analysis by the NREA-Lab. These reports indicated mixed results which prompted additional samples through NREA and the N.C. Division of Health Services. The ensuing investigation included sampling water from the Batchelor's Officers Quarters and the water treatment plant discharge as well as additional samples from the Officer's Club. These samples collected 12 July 88 by a representative of the N.C. Division of Health Services indicated no coliform from both the water plant and the B.O.Q. but coliform was present at the Officer's Club galley.

The suggestion was made to the Environmental Lab Supervisor and the Utilities General Foreman to disinfect (with a strong chlorine solution) the water service line within the Officer's Club and resample for coliform. This was initiated on 16 July 88 with a resample on 17 July. These resample results have been reported to have coliform bacteria present.

Based on these results and our investigation, the water within the plumbing system of the MCAS-New River Officer's Club is not safe for human consumption. An alternative potable water supply (boiled water or bottled water) must be provided until a thorough and complete flushing and disinfection of the entire potable water supply system can be completed. This disinfection should be initiated at the service connection to the water main and be carried through the entire plumbing.

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Commanding Officer

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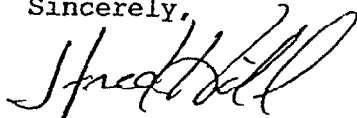
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system. A strong chlorine solution (at least 50 mg/l) should be allowed to stand undisturbed for not less than 24 hours, then tested for chlorine levels (less than 10 mg/l indicates the need to repeat the procedure). The system should be flushed and sampled at several locations. Two consecutive daily samples should be free of coliform bacteria before the water can be considered to be safe for human consumption.

I plan to visit MCB-Camp Lejeune and MCAS-New River on 20 July 88 to continue this investigation, including additional water samples from the New River Officer's Club. Thanks for the continued cooperation and interest from Marine Corp personnel concerning the potable water system.

If you have any questions or need additional information, please contact this office.

Sincerely,



J. Fred Hill
Water Supply Consultant
Public Water Supply Branch
Division of Health Services

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cc: Commanding General, MCB Camp Lejeune
Commanding Officer, Naval Hospital
Onslow County Health Department
W. E. Venrick
M. P. Bell

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