

From: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina

To: Mr. John Sheats, Environmental Sciences Branch Laboratory, North Carolina
Department of Human Resources, P. O. Box 28047, Raleigh, North Carolina 27611

Subject: Corrections for Laboratory Certification

REFERENCE: (a) SAFE DRINKING WATER ACT (SDWA), PUBLIC LAW #93-523

Enclosure: (1) Copy of Trace Metal Analysis Report

1. In accordance with the Environmental Protection Agency's requirements for laboratory certification of Microbiological analysis of Public Water Supplies, the following corrections have been made at the Quality Control Laboratory, Natural Resources and Environmental Affairs Division, Base Maintenance following the On-site Evaluation by Ralph Gentry, Region IV, Environmental Protection Agency.

1. New thermometers for the coliform incubators have been ordered that are calibrated in 0.10° C increments to satisfactorily comply with regulations requiring at least 0.5° C increments. They arrived 15 May 1980, were calibrated against the NBS thermometer and were installed in the three coliform incubators.

. The inhibitory test on the washing process has been delayed due to the expected arrival of a new dishwasher. The dishwasher has arrived and as soon as it is installed the test will be run.

The initial analysis on 30 April 1980 by the Quality Control Laboratory, Cherry Point Air Station on the Laboratory Pure Water for trace metals exceeded the limits

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Pure Water will be retested.

5. During a phone conversation on 17 April 1980 between Elizabeth Betz, Supervisory Chemist, Camp Lejeune, and John Sheats, State of North Carolina, preliminary arrangements were made for the state to run the test for the bactericidal properties of the Quality Control Laboratory's distilled water.

6. The stock buffer solution is now labeled, dated, and stored in smaller containers to avoid contamination from mold.

7. Coliform samples are now measured. Graduated, Autoclaveable plastic tubes have been ordered to further facilitate measuring the samples. *have arrived*

8. Sample collection time is now recorded by the collector. Time analyzed is now recorded by the laboratory technicians. Sample processing from collection to analysis has never exceeded 30 hours because it is all done during the same working day.

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