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NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

NREAD/DDS/th  
11330/1  
25 Feb 1983

From: Director  
To: Assistant Chief of Staff, Facilities  
Subj: Total Trihalomethane (TTHM) Levels in Drinking Water Supplies;  
monitoring of Camp Lejeune Systems  
Ref: (a) Safe Drinking Water Act and State Implementing Regulations  
Encl: (1) Summary of TTHM Analysis for January 1983

1. The enclosure summarizes results of the subject monitoring through January 1983. This data indicates that only the New River drinking water system fails to comply with the 0.10 parts per million (ppm) TTHM standard established by the reference. The initial one year monitoring period required by the reference will end in February. In the future, the reference will require quarterly monitoring of systems serving populations of at least 10,000 (MCAS(H), New River and Hadnot Point potable water systems). Compliance with the 0.10 ppm standard is required by November 1983.

2. The following recommendations are made:

a. Discontinue TTHM monitoring except at MCAS(H), New River and Hadnot Point and reduce frequency of monitoring to minimum required by the reference, i.e. quarterly.

b. Initiate immediate consultation with state regulatory personnel in the Regional Office (Greenville, NC) of the Division of Health Services relative to alternatives available for achieving compliance with TTHM standards. Also, Base Maintenance Officer should implement appropriate alternatives as soon as possible.

*J. I. Wooten*  
J. I. WOOTEN

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Summary of THM analysis for January 1983 (parts per million)

	<u>System</u>	<u>Jan</u>	<u>Dec</u>	<u>Sep-Nov</u>	<u>Jun-Aug</u>	<u>Mar-May</u>	<u>Run.Ave</u>	<u>Comply</u>
	Tarawa Terrace	-	-	0.01	0.02	0.01	0.01	yes
	Camp Johnson	-	-	0.01	0.01	0.01	0.01	yes
312-316	New River	0.12	0.13	0.10	0.12	0.09	0.11*	no
	Holcomb Blvd	-	-	0.03	0.03	0.04	0.03	yes
317-321	Rifle Range	0.06	0.05	0.05	0.06	0.05	0.05*	yes
	Courthouse Bay	-	-	0.05	0.05	0.05	0.05	yes
	Hadnot Point	-	-	0.05	0.03	0.04	0.04	yes
311	Camp Geiger Reservoir	-	0.13					
322	New River Settling Pond	0.02	-					

\*-Counting the average of January and December, however February results could change it.

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