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UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

6280/2
FAC
6 NOV 1985

MEMORANDUM FOR THE COMMANDING GENERAL
CHIEF OF STAFF

Subj: STATE OF NORTH CAROLINA DATA ON TARAWA TERRACE WATER
SUPPLY WELLS

1. The North Carolina Division of Environmental Management (NCDEN) has reported results of their laboratory analyses of three Tarawa Terrace wells. The results are similar to previous NACIP analyses. NCDEN recommends we sample TT-25 on a recurrent basis.

2. The following data was reported:

<u>Well</u>	<u>Parameter</u>	<u>Concentration (parts per billion)</u>
TT-26 (closed)	Di-chloroethylene	1.6
	Methylcyclopentane	0.42
	Trichloroethylene	27
	Perchloroethylene	1,100
New Well (closed)	Trichloroethylene	0.20
	Perchloroethylene	4.0
TT-25	Perchloroethylene	0.43

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3. The State reported the detection of Perchloroethylene in TT-25, which is currently supplying water to the TT system. However, the above concentration in TT-25 is below the level which can usually be detected by most laboratory analyses (2ppb). The basis for the State's recommendation for more sampling is that possible migration from the two closed wells toward TT-25 should be monitored. We concur.

4. We have not detected any organic compounds in the Tarawa Terrace finished water since we started taking weekly samples in July.

5. NCDEN usually reports these data to other State agencies: Water Supply Branch; Division of Health Services, Greenville, NC; and Solid and Hazardous Waste Branch, Wilmington, NC. These data are available to the public upon request to NCDEN.

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WELLS

6. The above data, along with off-base monitoring well data, will be sent at a later date by the State to the ABC Cleaners to inform the company that the State believes the cleaners to be the source of TT groundwater pollution.

7. Our current schedule is to sample well TT-25 monthly and finished water on a weekly basis. After several samples we will be better able to propose future testing needs of TT-25.

Very respectfully,

R. A. TIEBOUT
AC/S, Facilities

Copy to:

BMO

KREAD

Env Engr

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ROUTING SLIP

	ACTION	INFO	INITIAL
BMO		✓	WJF
ABMO		✓	ym
ADMIN			
F&A			
MAINT NCO			
M&R			
OPNS			
PROP			
UMACS			
UTIL	✓		45J
SECRETARY			

COMMENTS:

util - monitor sampling of
TT-25. What effect
would turning off the
well have?

ym

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ROUTING SLIP

	ACTION	INFO	INITIAL
BMO		✓	
ABMO		✓	JK
ADMIN			vm
F&A			
MAINT NCO			
M&R			
OPNS			
PROP			
UMACS			
UTIL	✓		
SECRETARY			GSJ OB

COMMENTS:

File
Water
Pollution

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