

6280/1

NREAD

24 Jan 1986

From: Director, Natural Resources and Environmental Affairs Division,  
Marine Corps Base, Camp Lejeune  
Environmental Engineer, Facilities Department, Marine Corps  
Base, Camp Lejeune  
Base Maintenance Officer, Marine Corps Base, Camp Lejeune

Subj: ANALYSIS OF DRINKING WATER SYSTEMS ABOARD CAMP LEJEUNE/MCAS,  
NEW RIVER

Encl: (1) Chemical Analysis Results of Hadnot Point Finished Water  
(2) " " " " Tarawa Terrace "

1. Enclosures (1) and (2) indicate no immediate concern over the quality of water in the two systems at Tarawa Terrace and Hadnot Point. While the periodic reading for Benzene are felt to be a quality control problem in sampling and/or laboratory analysis, samples of each active raw water well for Hadnot Point was taken by NREAD and BMO last week. Results are anticipated in early February.
2. Unless advised otherwise, Tarawa Terrace wells are scheduled for February. Please note that due to previously discussed personnel shortages in the NREAD Laboratory, local capability to generate certified data is not anticipated in the immediate future.
3. The cost of analysis of the sampling shown in enclosures (1) and (2) was approximately \$10,000.00. Funding by Atlantic Division, Naval Facilities Engineering Command of this analysis is anticipated to end not later than the end of this fiscal year. NREAD has entered \$120,000 in the 1988 POM to reflect the overall loss of funding for laboratory analysis.
4. It is apparent that careful planning will be required to absorb this additional cost and to hold actual sampling to the essential minimum which protects public health and provides compliance with applicable standards, laws and regulations.
5. Accordingly, the Environmental Engineer is requested to obtain ~~the following information from the NREAD Laboratory:~~  
~~1. A list of all active raw water wells at Tarawa Terrace and Hadnot Point.~~  
~~2. A list of all active finished water systems at Tarawa Terrace and Hadnot Point.~~  
This will require coordination with CO, MCAS, New River and Naval Hospital. Please advise.

J. I. WOOTEN

Writer: D. D. Sharpe, NREAD 5003  
Typist: J. Cross 23Jan86

SYSTEM: HADNOT POINT

| DATE     | TTHMs | 1,1,1-TRICHLOROETHANE | BENZENE | METHYLENE CHLORIDE | TOLUENE | DATE     | TTHMs | BENZENE | TOLUENE |
|----------|-------|-----------------------|---------|--------------------|---------|----------|-------|---------|---------|
| 4/24/85  | *     | 2.1                   |         |                    |         | 12/2/85  | *     |         |         |
| 6/28/85  | *     |                       |         |                    |         | 12/10/85 | *     | 38      | 10      |
| 6/24/85  | *     |                       |         |                    |         | 12/18/85 | *     | 1.0     |         |
| 7/1/85   | *     |                       |         |                    |         | 12/23/85 | *     |         |         |
| 7/8/85   | *     |                       |         |                    |         | 12/30/85 | *     |         |         |
| 7/15/85  | *     |                       |         |                    |         |          |       |         |         |
| 7/23/85  | *     |                       |         |                    |         |          |       |         |         |
| 7/31/85  | *     |                       |         |                    |         |          |       |         |         |
| 8/13/85  | *     |                       |         |                    |         |          |       |         |         |
| 8/19/85  | *     |                       |         |                    |         |          |       |         |         |
| 8/27/85  | *     |                       |         |                    |         |          |       |         |         |
| 9/3/85   | *     |                       |         |                    |         |          |       |         |         |
| 9/10/85  | *     |                       |         |                    |         |          |       |         |         |
| 9/16/85  | *     |                       |         |                    |         |          |       |         |         |
| 9/23/85  | *     |                       |         |                    |         |          |       |         |         |
| 10/1/85  | *     |                       |         |                    |         |          |       |         |         |
| 10/9/85  | *     |                       |         |                    |         |          |       |         |         |
| 10/15/85 | *     |                       |         |                    |         |          |       |         |         |
| 10/21/85 | *     |                       |         |                    |         |          |       |         |         |
| 10/29/85 | *     |                       |         |                    |         |          |       |         |         |
| 11/4/85  | *     |                       |         |                    |         |          |       |         |         |
| 11/12/85 | *     |                       |         |                    |         |          |       |         |         |
| 11/19/85 | *     |                       |         |                    |         |          |       |         |         |
| 11/26/85 | *     |                       |         |                    |         |          |       |         |         |

NOT REPRESENTATIVE  
2500 2600 100

\* - THMs FOUND WITHIN LIMITS

SYSTEM: TARAUA TERRACE

| DATE                   | THMs | 1,1,1-TRICHLORO-ETHANE | TETRACHLORO-ETHYLENE | BENZENE | DATE     | THMs | BENZENE |
|------------------------|------|------------------------|----------------------|---------|----------|------|---------|
| 4/22/85                | *    | 4.1                    | 1.0                  |         | 12/2/85  | *    | 2.0     |
| 4/23/85                | *    | 1.4                    |                      |         | 12/10/85 | *    |         |
| 7/1/85                 | *    |                        |                      |         | 12/18/85 | *    | 1.0     |
| 7/8/85                 | *    |                        |                      |         | 12/23/85 | *    |         |
| 7/15/85                | *    |                        |                      |         | 12/30/85 | *    |         |
| 7/23/85                | *    |                        |                      |         |          |      |         |
| 7/31/85                | *    |                        |                      |         |          |      |         |
| 8/13/85                | *    |                        |                      |         |          |      |         |
| 8/19/85                | *    |                        |                      |         |          |      |         |
| 1/27/85                | *    |                        |                      |         |          |      |         |
| 9/3/85                 | *    |                        |                      |         |          |      |         |
| 9/10/85                | *    |                        |                      | 4.0     |          |      |         |
| 9/16/85                | *    |                        |                      |         |          |      |         |
| 9/23/85                | *    |                        |                      |         |          |      |         |
| 10/1/85                | *    |                        |                      |         |          |      |         |
| 10/9/85                | *    |                        |                      |         |          |      |         |
| 10/15/85               | *    |                        |                      |         |          |      |         |
| 10/21/85               | *    |                        |                      |         |          |      |         |
| 10/29/85               | *    |                        |                      |         |          |      |         |
| 11/4/85                | *    |                        |                      |         |          |      |         |
| 11/12/85               | *    |                        |                      |         |          |      |         |
| 11/12/85<br>TT-25 WELL | *    |                        |                      |         |          |      |         |
| 1/19/85                | *    |                        |                      |         |          |      |         |
| 11/26/85               | *    |                        |                      |         |          |      |         |

\* THMs FOUND WITHIN LIMITS

ENCLOSURE