



DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511

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IN REPLY REFER TO:
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1 9 AUG 1982

From: Commander, Atlantic Division, Naval Facilities Engineering Command
To: Commanding General, Marine Corps Base, Camp Lejeune

Subj: MCB CAMP LEJEUNE Water Analyses

Ref: (a) FONECON NAVENENVSA (Mr. J. Anderson)/LANTNAVFACENGCOM
(Mr. J. Wallmeyer) of 18 June 1982
(b) LANTNAVFACENGCOM ltr 31 Jul 1981 (NOTAL)

Encl: (1) Jennings Laboratories, Inc., Analyses Nos. 1182-1184, 1189
(2) Jennings Laboratories, Inc., Analyses Nos. 1364-1367
(3) Jennings Laboratories, Inc., Analyses Nos. 1421-1424
(4) Jennings Laboratories, Inc., Analyses Nos. 1186-1188
(5) Data Tabulation, 18 March 1982 sampling

1. Enclosures (1) through (3) are forwarded as a record of LANTNAVFACENGCOM contractor's analyses of Rifle Range Area well water and finished water. These repetitive analyses were performed because of enclosure (1), analysis No. 1189, determination that there was 1.0 ppm Polychlorinated Biphenyls (PCB) (= 1000 ppb PCB) in the finished water at Bldg. RR-85.
2. Enclosure (2) results indicate no PCB contamination while enclosure (3) results indicate 0.11 ppm PCB at well RR-45.
3. For enclosure (3) samples, the samples were split for analysis by both NAVENENVSA and Jennings Laboratories, Inc. The NAVENENVSA analyses indicated no PCB in the groundwater or finished water as communicated by reference (a).
4. Based on LANTNAVFACENGCOM's investigation of contractor's quality assurance/quality control, LANTNAVFACENGCOM believes the NAVENENVSA results and contractor's results in enclosure (2) to be valid and representative for the finished drinking water and supply system wells. In accordance with reference (b) findings, no significant contamination of the potable water was detected. LANTNAVFACENGCOM believes PCB reported in finished water to be in error. For other organic contaminants detected, LANTNAVFACENGCOM continues to recommend preferential utilization of wells No. 45 and No. 47 over well No. 97.
5. Enclosure (1), analysis No. 1182, provides a summary of total trihalomethane (TTHM) analyses. The sampling points are indicated in enclosure (1), Figure 1. The TTHM results are not in accordance with previous Army Laboratory analyses and subsequent Grainger Laboratory analyses. The Army and Grainger analyses are believed to be representative.

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6. Enclosure (4) is the results of sampling and analysis at the Rifle Range Dump Area test wells. For ease of data review, results of the 18 March 1982 analyses are tabulated in enclosure (5).

7. LANTNAVFACENGCOM recommends continued annual analysis of Rifle Range water system by MCB CAMP LEJEUNE. The Navy Assessment and Control of Installation Pollutants (NACIP) Program is in progress and will continue the Rifle Range Dump Area investigation.

8. LANTNAVFACENGCOM point of contact is Mr. Jerry Wallmeyer at (804) 444-9566 or A/V 690-9566.

J. R. Bailey
J. R. BAILEY, P.E.
By direction

Copy to:
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MCB CAMP LEJEUNE (Natural Resources and
Environmental Affairs)
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