

Date: 31 August 1982

Memorandum

From: Ms. Betz, Quality Control Lab., Environmental Section, NREAB, BMAintDiv

To: Mr. Sharpe, Supervisory Ecologist, Environmental Section, NREAB, BMAintDiv

Subj: LANTNAVFACENGGCOM ltr 12 Aug 1982

1. The analysis results enclosed in the letter of 12 August 1982 was initiated by LANTNAVFACENGGCOM. Lant Div was concerned that after the State of North Carolina received primacy for the Safe Drinking Water Act, the State might find a problem with the potable water at MCB Camp Lejeune that the Navy had not previously uncovered. With primacy, the State would have the right to sample and run analysis on MCB Camp Lejeune potable water for any parameters under the Safe Drinking Water Act.
2. On 1 October 1980, Lant Div arrived and explained that sampling of all eight systems would be done. One composite sample would be made and a full spectrum analysis would be run. If any parameters showed potential problems, further analysis of the eight individual system samples would be done to locate the source of the problem. Sampling was done by J. H. Parrish, of Lant Div. He was accompanied by Mack Frazelle, of the Water Treatment Section, and Elizabeth Betz, of the Quality Control Lab.
3. The costs of and analysis by Jennings Laboratories were arranged by Lant Div. Results of the analysis were never received by MCB Camp Lejeune. During Wallace Carter's Visit, of 16-18 June 1982, a request was made by Danny Sharpe, of the Environmental Section, for a copy of the 1 October 1980 results.
4. The eight system composite sample showed either none detected, little detected below detectable limits, or at detectable limits for all parameters except for Cadmium and Selenium. Both Cadmium and Selenium were below the 0.010 mg/l maximum contaminant level required by the Safe Drinking Water Act.
5. The only question I have is how did Lant Div arrive at the volumes to use in making the composite sample. The percent of total volume used is not directly related to the percent of the total Camp Lejeune population served or the percent of daily flows of each system.
6. In Summary, the 1980 analysis shows no problems for the priority pollutants listed for the eight systems at MCB Camp Lejeune as a whole. Let me point out that this may not hold true for each system individually. The 1980 analysis, for example, showed none detected for the 4 trihalomethanes (chloroform, Dichlorobromomethane, chlorodibromomethane & bromoform) overall and other more recent analysis shows the New River Air Station system at the maximum contaminant level.

Elizabeth A. Betz
Supervisory Chemist

CLW

000006120