

Director, Natural Resources and Environmental Affairs Branch

Base Maintenance Officer

Trihalomethane (THM) Analysis of Drinking Water Systems

Ref (a) Safe Drinking Water Act and related North Carolina Regulations

Encl (1) Grainger Laboratories ltr 82-4204 of 13 July 1982
(2) Summary of Trihalomethane Analysis

1. The subject analysis is required by North Carolina regulations promulgated under the reference for the Hadnot Point and Marine Corps Air Station (H), New River drinking water supplies. Enclosure (1) provides June's results. Enclosure (2) summarized analysis performed to date. Monitoring is presently conducted monthly for each system.
2. The MCAS(H), New River system is presently at the limit set for THM contamination. Any increase will result in a violation. All other plants are currently well within limits.
3. The subject regulations require monitoring (quarterly basis) only for drinking water systems serving greater than 10,000 people. Only Hadnot Point and MCAS(H), NR systems exceed this population. Monthly monitoring of the Rifle Range system was established as a protective measure because of proximity to the chemical landfill.
4. Based on the above, it is recommended that monitoring of Hadnot Point, Tarawa Terrace, Montford Point (Camp Johnson), Holcomb Boulevard, Courthouse Bay, and Onslow Beach systems be reduced to quarterly.
5. Additionally, it is recommended that Utilities Branch evaluate alternatives for reducing THM content by modification of chlorination methods and procedures.

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