

*Mr. Wooten*

*SDWA-0020*

I PRIMACY OF SDWA AND N.C. POTABLE WATER LAWS

- A. It appears that North Carolina will assume primacy of the Safe Drinking Water Act this year. Both EPA and the State Legislature have to approve the transfer of primacy to the state.
- B. In addition to administrating the SDWA, the state will administer all state laws pertaining to potable water. In short, Camp Lejeune will be subject to all state laws governing potable water systems. For example, all water treatment plant operators will have to be certified by the state in order to operate a water treatment plant.
- C. The Quality Control laboratory will have to be certified by the State in order to have "certified" data to be submitted to the state. The lab may have interim certification from EPA. (See letter of June 28, 1977 from EPA.)

II EFFECTS OF PRIMACY ON CAMP LEJEUNE

A. Quality Control Laboratory

- 1. The laboratory will seek certification for:
  - a- metals
  - b- chlorine
  - c- bacteria
  - d- turbidity
  - e- general inorganic chemical test (other potable water test)
- 2. The laboratory will need certification in order to have legally recognized data. I have not seen the criteria for certification. I think our lab should pass the test.
- 3. It appears that daily water treatment tests for bacteria and chemicals may have to be conducted by the laboratory or water treatment plant. .1102 of the State law states daily adequate bacteriological and chemical tests should be made. If daily tests of this nature are to be conducted by the lab, the personnel requirements will be increased for both the lab and the Utilities Division.

B. NREA DIVISION

- 1. All data generated at Camp Lejeune will most likely be channeled through Mr. Wooten; much like the present NPDES Program. This data will consist of

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laboratory data and water treatment plant operational data. *What kind of data is needed?*

2. Mr. Wooten will coordinate the approval of the water treatment plants. Each plant and distribution system will have to be approved by the state. Plans and specifications will be submitted to the state. These regulations are spelled out in GUIDE FOR OBTAINING APPROVAL OF PUBLIC WATER SUPPLY SYSTEMS. The Utilities Division and Public Works Department should furnish this information through Mr. Wooten.
3. I assume all the flow of information concerning the potable water system will come through Mr. Wooten-- the point of contact.
4. When violations of the SDWA or state laws are discovered, Mr. Wooten will be notified. The notification procedure is quite involved and needs further study due to its' great public impact on the community.

#### C Utilities Division

1. The Utilities Division, water treatment section, will have to follow the N.C. State Rules for Public Waters (see .0600 through .2200). All records of chemical additions and treatment will be furnished to the state. I think a copy of the Water Treatment Plant log sheet may contain the necessary information.
2. The state laws cover Water Treatment Plant design, operation, softening, etc.
3. Section .1102 of the State Laws require an operator to be on duty at the treatment plant whenever the treatment facility is in operation. **This will have a big impact on the utilities division. Some plants like Onslow Beach are not manned at all but are checked several times each shift.**
4. The utilities people need to review the state laws and operating procedures. It appears that many changes are in store for the Water Treatment Plant Personnel.
5. All water treatment plant operators will have to be certified by the state. When the operator passes a state test, a certificate will be issued to the operator.

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D Public Works

1. Public Works should get together all the engineering drawings for the water treatment plants and the distribution system. These are to be submitted to the state as specified in the law.
2. Mr. Wooten should be the point of contact to coordinate this procedure.

III QUALITY CONTROL LAB PROPOSED SCHEDULE FOR SWDA

- A It is estimated that the AA unit will be in operation by June 1978 (possibly sooner).
- B The metals specified in the SDWA will be analyzed starting in July 1978 and should be completed by November 1978. The law specifies that they should be completed by June 1979.
- C The bacteriological test program will continue as scheduled. We are in compliance.
- D The turbidity will continue as scheduled. *Some will be 10*
- E Additional tests that may be required will be initiated as the laboratory becomes aware of the requirements.
- F PH meters and amperometric titrators need to be ordered for the water treatment plants.
- G Application for laboratory approval or certification needs to be submitted to Raleigh.
- H Representatives from Camp Lejeune including personnel from NREAD, the lab, and utilities need to discuss with N.C. state representatives all state requirements.

*We may be able to use the "DPD" method to determine*

*W. Wooten*

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