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State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management



James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

TO: Camp Lejeune Operable Unit 2 RD/RA File
FROM: Patrick Watters *rw*
SUBJECT: Liquid and Gaseous Effluent Release Requirements
Date: June 28, 1994

This memo is written to clarify the regulatory requirements for the liquid and gaseous effluents associated with the groundwater remedial actions being designed for Camp Lejeune Operable Unit 2. These conclusions are based on conversations with various personnel within the NC Superfund Section and the DEHNR - Wilmington Regional Office. These regulatory discussions were the result of telephone inquiries made by LANTDIV (U. S. Navy) and OHM Remediation Services (Baker subcontractor).

Liquid Effluent

The effluent (design) requirements for the pump and treat system are as given in Table 11 (Page 53) of the Record of Decision. This table lists the various contaminants of concern (VOCs and metals) with the appropriate effluent release level ($\mu\text{g/L}$). The DEHNR - Wilmington Regional Office indicated they would establish a sampling station to monitor the effluent. I inquired about other water quality issues such as dissolved oxygen, TSS, TDS, etc. and these were not a concern. It was noted that if, for example, dissolved oxygen was a concern, that this could be handled with a minor system modification (blower, outfall modifications, etc.) and would not be considered a noncompliance.

Gaseous Effluent

The NC Air Quality regulations (15 NCAC 2D.0518) do not impose limits on the gaseous effluent being released from air strippers used to remediate groundwater. The only requirement is that the release rates be calculated and that the air stripper be registered with the State.

cc: Jack Butler
Linda Berry P.E. (LANTDIV)