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NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY



JAMES B. HUNT JR.
GOVERNOR

WAYNE McDEVITT
SECRETARY

A. PRESTON HOWARD,
JR., P.E.
DIRECTOR

March 10, 1999

S. Laura Yeh, P.E.
Naval Facilities Engineering Service Center Code ESC 411
1100 23rd Ave.
Port Hueneme, CA 93043-4328

Dear Ms. Yeh:

The North Carolina Division of Water Quality, Groundwater Section's Underground Injection Control Group has reviewed the work plan for Surfactant-Enhanced Aquifer Remediation, dated December 28, 1998, which was submitted on your behalf by Duke Engineering and Services, Inc. The work plan meets all state regulatory requirements (15A NCAC 2C.0200)* to construct and operate three wells for the purpose of injecting a surfactant, isopropyl alcohol and calcium chloride at Site 88, Marine Corps Base Camp Lejeune, in Onslow County, North Carolina.

The Groundwater Section regional and central office staff have noted that the subject work plan offers a limited monitoring schedule for the study area and does not offer a long term monitoring proposal for the site. However, the Groundwater Section is aware that this study is not a final corrective action plan proposal and such long term monitoring will be incorporated into a final Corrective Action Plan.

Due to the incident's listing as a federal CERCLA site, the state's administrative permitting requirements have been waived for this project. A well abandonment form (GW-30), which is enclosed, should be submitted upon completion of the injection project along with a technical report summarizing the project and including monitoring data. If you have any questions regarding this letter or the state injection well rules please contact me at (919) 715-6165.

Sincerely,

Amy Axon, Manager
Underground Injection Control Program

* North Carolina Administrative Code Title 15A Subchapter 2C.0200 Well Construction Standards: Criteria and Standards Applicable to Injection Wells

Enclosures

cc: ✓ Kate Landman - US Navy, Norfolk, VA
David Lown, DENR - Division of Waste Management
Charlie Stehman/Dianne Rossi, DENR - DWQ, WIRO
Mick Senus, MCB - Camp Lejeune

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