

05.01-09/21/92-00818



DEPARTMENT OF THE NAVY
NAVY ENVIRONMENTAL HEALTH CENTER
2510 WALMER AVENUE
NORFOLK, VIRGINIA 23513-2617

5090
Ser 62 5212
SEP 21 1992

From: Commanding Officer, Navy Environmental Health Center
To: Commanding General, Marine Corps Base, Camp Lejeune, NC 28542
Subj: INFORMATION FROM THE AGENCY FOR TOXIC SUBSTANCES AND
DISEASE REGISTRY (ATSDR)
Ref: (a) ATSDR publication, "Health Assessment Activities at Department of Defense
National Priorities List Sites for FY91" (draft, March 1992)
Encl: (1) Draft Site Summary Report, U.S. Marine Corps Base Camp Lejeune
(MCB-Camp Lejeune), Jacksonville, North Carolina
(2) Navy Environmental Health Center Brochure

1. By reference (a), ATSDR issued draft site summary reports for Department of the Navy installations visited in FY-91. These reports provide the ATSDR ranking category for the site, preliminary findings, and comments. ATSDR's ranking categories range from "A" to "E", with "A" being the highest level of public health concern. The summary information should be evaluated to ensure coordination between the risk assessment process under the Installation Restoration Program and ATSDR's public health assessment process.

2. Enclosure (1) provides the draft site summary report for your activity. We are available to discuss or provide clarification on the enclosed information with you and your environmental staff. We will continue to provide information pertaining to ATSDR's public health assessment process to you and your supporting Engineering Field Division/Activity. Enclosure (2) provides additional information on the Navy Environmental Health Center; points of contact for the Environmental Programs Directorate are listed on page six. If you have any questions, please contact Ms. Sheila Muschett, P.E., Head, Installation Restoration Program Support Department, at (804) 444-7575 or DSN 564-7575, extension 430.

G.E. Williams
G. E. WILLIAMS
By direction

Copy to: (w/o encl (2))
CNO (N45)
CMC (LFL)
COMNAVFACENGCOM (18)
BUMED (24)
LANTNAVFACENGCOM (182) ✓

DRAFT

**U. S. Marine Corps Base Camp Lejeune (MCB-Camp Jejeune)
Jacksonville, North Carolina**

Service: USN

Size: 88,432 acres

Installation Status: Active

Installation Mission: Housing, training, logistical, and
administrative support for Fleet Marine
Force Units

ATSDR Action Dates:

Initial Site Scoping Visit: 01/15-17/91

TRC/Other Meetings: Not attended

Draft for Internal Review: 09/27/91

Initial Release Document: FY92*

* Projection based on anticipated full funding and personnel status.

Site Scoping Visit:

Met with:

J. Trudell, EPA

Col J. Cathcart, MCB-Camp Lejeune

LtCol H. L. Inabinet, MCB-Camp Lejeune

CDR A. B. Wood, MCB-Camp Lejeune

Lt M. Zanolli, MCB-Camp Lejeune

J.I. Wooten, MCB-Camp Lejeune

S. DelRe Johnson, MCB-Camp Lejeune

D. Sharpe, MCB-Camp Lejeune

A. Austin, MCB-Camp Lejeune

G. L. Smith, MCB-Camp Lejeune

E. Betz, MCB-Camp Lejeune

Dr. H. Craedel, MCB-Camp Lejeune

J. McClosky, MCB-Camp Lejeune

J. Butler, North Carolina Department of Environment, Health,
and Natural Resources

C. Lanier, Onslow County Health Department

Accomplishments:

- toured 26 sites and met with base staff to determine the status of site investigations and documents available for review
- met with base health and occupational safety staff to determine availability of health outcome data
- met with state and local health and environmental departments to gather information on concerns and availability of state environmental and health outcome data

ATSDR Ranking Category: B

No urgent public health concerns were identified requiring issuance of a public health advisory. Groundwater is a completed pathway of human exposure to contaminants.

U. S. Marine Corps Base. Camp Lejeune - Page 2

Other potential pathways were identified. Limited community health concerns were identified.

Preliminary Findings:

Preliminary sampling, the only sampling completed to date, indicated that groundwater contamination may be extensive. Remedial investigations are in the early stages on a small number of sites; the data are not yet available. Some base supply wells have been closed because they were found to be contaminated. Most community concerns center on the safety of drinking water from wells in the areas surrounding Camp Lejeune and on the safety of consuming fish and shellfish caught in the New River and its tributaries.

Contaminants of concern on base include fuels, VOCs, solvents, and metals. Solvents and fuel constituents were identified in base potable supply wells.

The contaminated on-base supply wells are a past completed exposure pathway. The potential exists for other wells to become contaminated. Ingestion of contaminated fish and shellfish is a potential biota pathway.

On-base residents and workers and off-base residents are potential receptor populations.

Comments:

The North Carolina Department of Health supplied health outcome data.