

03.01-02/22/95-01377

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

February 22, 1995

Commander, Atlantic Division  
Naval Facilities Engineering Command  
Code 1823-1  
Attention: MCB Camp Lejeune, RPM  
Ms. Linda Saksvig, P. E.  
Norfolk, Virginia 23511-6287

Commanding General  
Attention: AC/S, EMD/IRD  
Marine Corps Base  
PSC Box 20004  
Camp Lejeune, NC 28542-0004

RE: Draft Remedial Investigation Report for Operable  
Unit # 4

Dear Ms. Saksvig:

Attached please find the document review acknowledgement provided to the NC Superfund Section by our sister agencies for the above referenced document.

Please let me know if you have any questions about this.

Sincerely,

*Patrick Watters*

Patrick Watters  
Environmental Engineer  
NC Superfund Section

Attachment

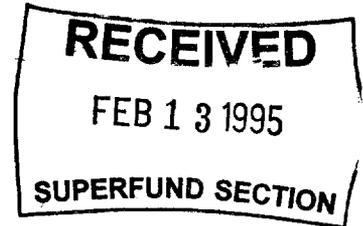
cc: Preston Howard, DEHNR  
Gena Townsend, US EPA Region IV  
Neal Paul, MCB Camp Lejeune  
Bruce Reed, DEHNR - Wilmington Regional Office

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



James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
A. Preston Howard, Jr., P.E., Director

February 1, 1995



M E M O R A N D U M

TO: Jack Butler, Head  
Remediation Branch

FROM: Preston Howard *JKB*

SUBJECT: Camp Lejeune  
Draft RI-OU#4  
Onslow County  
Project No. 94-61

The Division of Environmental Management has completed the review of the subject document and offers the following comments and recommendations.

Air Quality Section

No comments at this time.

Water Quality Section

Site 69: The soil samples collected at this site do not appear to have been collected within the area identified as the chemical storage area. It would appear logical that this information is necessary to evaluate the horizontal and vertical extent of the contamination.

Site 41: The explanation that the source of the lead contamination in the landfill at Camp Geiger is likely due to the ferrous contents within the landfill should be investigated further. The elevated iron and manganese levels are likely explained for that reason; particularly with the high levels occurring in background areas. However, the elevated lead level warrants a second look.

Groundwater Section Comments

Site 69: Contamination has been discovered in the Castle Hayne aquifer, however, no groundwater contour maps or flow directions for the aquifer were presented.

Groundwater contamination is found in both the surficial and

Castle Hayne aquifers at this site. The groundwater contamination appears to be defined in the surficial aquifer, with the exception of heptachlor detected above the 15A NCAC 2L standard in well no. 69GW13. The presence of this pesticide was not discussed in the conclusions section (8.0).

If there are any questions, please advise.

APHjr/sbp/SWM2.

cc: Alan Klimek  
Steve Tedder  
Wilmington Regional Office  
Central Files  
Groundwater Section Files