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DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
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T1 JUN 1996

CERTIFIED MAIL RETURN RECEIPT REQUESTED

North Carolina Department of Environment,
Health, and Natural Resources
Attn: Mr. Patrick Watters
P.O. Box 27687
401 Oberlin Road
Raleigh, North Carolina 27611

Re: Response to Comments, Draft Remedial Investigation
Report, OU Number 6 (Sites 36, 43, 44, 54, and 86),
MCB Camp Lejeune, NC

Dear Mr. Watters:

Enclosed please find responses to your comments on the subject document. As previously discussed, these responses are being submitted in lieu of a Draft Final version of the document. In order to allow the Final version of the report to be submitted on schedule by July 16, 1996, we request that you provide any comments on the enclosed responses by June 20, 1996.

The Navy/Marine Corps appreciates your continued involvement in this project. Please direct any questions or comments to Ms. Katherine Landman at (804) 322-4818.

Sincerely,

L. G. Saksvig, Jr.

L. G. SAKSVIG, P.E.
Head
Installation Restoration Section
(South)
Environmental Programs Branch
Environmental Quality Division
By direction of the Commander

Enclosure

Re: Response to Comments, Draft Remedial Investigation
Report, OU Number 6 (Sites 36, 43, 44, 54, and 86),
MCB Camp Lejeune, NC

Copy to:

EPA Region IV (Ms. Gena Townsend)

MCB Camp Lejeune (Mr. Neal Paul)

Baker Environmental, Inc. (Mr. Matt Bartman)

Activity Admin Record File —•

**Response to Comments Submitted by the North Carolina
Department of Environment, Health and Natural Resources (NCDEHNR)
on the Draft Remedial Investigation Report for
Sites 36, 43, 44, 54, and 86 (Operable Unit No. 6)
MCB, Camp Lejeune, North Carolina
Comment Letter Submitted by Mr. Patrick Watters
Dated April 29, 1996**

General

1. More complete information pertaining to the status of supply wells within a mile radius of each site will be provided within the Final RI. Such additional information may include, but will not be limited to well operational status, reason for current operational status (if currently off-line), and previous analytical results.

Site 86 - Remedial Investigation Report

2. The concentration of semivolatile organic compounds (SVOCs) in surface soil sample 86-AST-SB11 did not contribute to site risks and were considered negligible. As a result, further sampling was not deemed to be necessary.

Site 44 - Remedial Investigation Report

3. Section 4.3.1.1 text will be revised to compare surface water results to the limits established by the NC Surface Water Standards (15A NCAC 2b). In addition, the appropriate classification for Edwards Creek and corresponding contaminant limits will be provided.
4. Table 4-2 will be revised to include the most up-to-date surface water regulatory limits, as per table provided.
5. Section 4.4.2.1 text will be revised to include a more detailed explanation of the suggested migration of VOCs from surface water to groundwater at Site 44. The text will also be revised to include an elevation for the ground surface adjacent to temporary well 44-TW01.
6. Section 8.0 text will be revised to include the same discussion of VOC contamination migrating from surface water to groundwater.

Site 43 - Remedial Investigation Report

7. Section 3.2.2 will be revised to include a through discussion pertaining to the placement of soil test borings within the study area at Site 43. The explanation will address the focused sampling approach that was employed.
8. Section 4.3.3 text will be revised to compare surface water results to the limits established by the NC Surface Water Standards (15A NCAC 2b). In addition the appropriate classifications for both Strawhorn and Edwards Creeks and corresponding contaminant limits will be provided.
9. Section 4.4.1.2 text will be revised to include a more detailed discussion of the partially buried containers located in two areas of Site 43. If possible, the final disposition of the containers will also be provided within the text.
10. Refer to Response No. 7.

11. Section 4.4.4.3 will be revised to include a discussion of pesticide levels observed among Strawhorn Creek sediment samples. The positive detections were observed among sediment samples collected from the portion of Strawhorn Creek with lesser hydraulic gradient. Suspended material from the Strawhorn Creek drainage have come out of suspension at these locations. The observed detections are most likely the result of base-wide application and use of pesticides over a much larger area. The observed pesticides most probably have been concentrated in the sediment; pesticides tend to adhere to colloids or suspended soil material.

Site 54 - Remedial Investigation Report

12. Monitoring well 54-GW08 is a Type III double-cased well installed just below a semi-confining layer (discontinuous clay layer). Although not considered a deep well in terms of depth, the purpose of installing 54-GW08 was to monitor VOCs (i.e. BTEX) which may have migrated vertically, below the clay layer, downgradient from the burn pit. VOCs were not detected in the well during the investigation.

Site 36 - Remedial Investigation Report

13. Additional surface samples will be collected in the immediate area of the sample locations identified in the comment.
14. The sediment sample spacings depicted on Figure 4-8 are approximate and have been placed upon the figure for visual effect only. The actual distance between the Phase I and Phase II sampling locations is less than 25 feet. All three samples were collected within the former wharf area, an area limited to the indent on the southern bank of Brinson Creek.
15. The updated NCWQS for trichloroethane in groundwater will be provided in Table 4-2.
16. Additional surface water standards, as noted, will be provided in Table 4-2.

P 075 318 572

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NC DEPT OF ENVIRONMENT HEALTH

AND NAT'L RESOURCES

ATTN PATRICK WATERS

PO BOX 27687

401 OBERLIN RD

RALEIGH NC 27611

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