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DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
1510 GILBERT ST
NORFOLK VA 23511-2699

TELEPHONE NO:

(804) 322-4818

IN REPLY REFER TO:

5090

18232:KHL:srw

24 APR 1995

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: MCB Camp Lejeune
Response to NC DEHNR Comments
Draft Interim FS Report and Draft Interim PRAP
Operable Unit No. 10 (Site 35)

Dear Mr. Watters:

Attached are Navy/Marine Corps responses to your comments on the above-referenced documents. These responses address your comments of February 22, 1995. The Draft Final version of the documents (issued 4/3/95) incorporate these comments.

Please direct any questions to Ms. Katherine Landman at (804) 322-4818.

Sincerely,

A handwritten signature in cursive script, appearing to read "L. G. Saksvig".

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

Attachment

Copy to:

EPA Region IV (Ms. Gena Townsend)
MCB Camp Lejeune (Mr. Neal Paul)
Baker Environmental, Inc. (Mr. Ray Wattras, Mr. Dan Bonk)
Activity Admin Record File

**Response to Comments Submitted by NC DEHNR on the
Draft Interim FS for Operable Unit No. 10, Site 35, MCB Camp Lejeune
Comment Letter Dated February 22, 1995.**

Response to General Comments

1. Site Descriptions:

Figures 1-9 through 1-12 delineate the plumes of TCE and BTEX in both the upper and lower portions of the surficial aquifer. Text on p. 1-21 and 1-25 also describes the extent of the fuel- and solvent-related contamination, indicating that the plume of the former is adequately defined and its sources are understood while the plume of solvent-related contaminants extends south of Fifth Street beyond which the RI did not investigate. The first conclusion of p. 1-26 suggests that further investigation be performed south of Fifth Street in order to more clearly define the extent and source of the solvent-related plume.

As per comment, a significant effort has been made to be more consistent throughout the Interim FS, PRAP and ROD in the description of the area to be remediated and the goals of this interim action. These changes in the text increase the clarity with which the focus of the proposed remediation is presented. The following paragraph details the thrust of the remedial action as it is now described in the Interim FS and subsequently the Interim PRAP and ROD as well.

The Interim FS for OU No. 10 presents alternatives which address both the partial remediation of the identified TCE and BTEX plumes in the surficial aquifer, specifically as they extend downgradient from the Fuel Farm area towards Brinson Creek, and the containment of the remainder of these plumes as they migrate across Site 35 towards a creek discharge. The containment aspect of this Interim FS would immediately affect all of the defined or partially-defined contaminant plumes that currently border the eastern right-of-way boundary of the proposed highway and could also potentially affect the other plumes as they migrate towards Brinson Creek. The remediation aspect of the Interim FS focuses on the plumes of TCE and BTEX which extend downgradient from roughly the Fuel Farm area towards Brinson Creek. Sections 4 and 5 detail both in the text and figuratively how the proposed alternatives, RAA3, RAA4, and RAA5, will accomplish the remediation of the plume-front and block the migration of the remaining contaminant plumes.

Figures 4-1, 4-2, and 4-6 of the Interim FS and Figures 2 and 7 of the Interim PRAP have been modified to include the areas of soil contamination subject to remediation as per the Final Interim Record of Decision dated August 31, 1994.

Response to Comments Submitted by NC DEHNR on the
Draft Interim PRAP for Surficial Groundwater at Operable Unit No. 10, Site 35,
MCB Camp Lejeune
Comment Letter Dated February 22, 1995.

Response to General Comments

1. Site Descriptions:

Figures 3 through 6 delineate the plumes of TCE and BTEX in both the upper and lower portions of the surficial aquifer. Text on p.11 and 12 also describes the extent of the fuel- and solvent-related contamination and the areas of contamination what will be addressed through the proposed remedial action.

As per comment, a significant effort has been made to be more consistent throughout the Interim PRAP, FS and ROD in the description of the area to be remediated and the goals of this interim action. These changes in the text increase the clarity with which the focus of the proposed remediation is presented. The following paragraph details the thrust of the remedial action as it is now described in the above three documents with particular emphasis on the Interim PRAP.

The Interim PRAP for OU No. 10 presents the preferred remedial alternative which addresses both the partial remediation of the identified TCE and BTEX plumes in the surficial aquifer, specifically as they extend downgradient from the Fuel Farm area towards Brinson Creek, and the containment of the remainder of these plumes as they migrate across Site 35 towards a creek discharge. The containment aspect of this interim action would immediately affect all of the defined or partially-defined contaminant plumes that currently border the eastern right-of-way boundary of the proposed highway and could also potentially affect the other plumes as they migrate towards Brinson Creek. The remediation aspect of the interim action focuses on the plumes of TCE and BTEX which extend downgradient from roughly the Fuel Farm area towards Brinson Creek. Pages 13-18 of the Interim PRAP describe how the three major alternatives, RAA3, RAA4, and RAA5, would accomplish the remediation of the plume-front while containing the migration of the remaining contaminant plumes. Figure 7 depicts graphically how the preferred alternative, RAA5, is positioned to address these plumes.

Figures 2 and 7 of the Interim PRAP have been modified to include the areas of soil contamination subject to remediation as per the Final Interim Record of Decision dated August 31, 1994.

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 ATTN MR PATRICK WATTERS
 PO BOX 27687
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 RALEIGH NC 27611

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