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Baker

Baker Environmental, Inc.
Airport Office Park, Building 3
420 Rouser Road
Coraopolis, Pennsylvania 15108

August 25, 1995

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Commander
Atlantic Division
Naval Engineering Command
1510 Gilbert Street (Bldg. N-26)
Norfolk, VA 23511-2699

Attn: Mr. Lance Laughmiller
Code 18235

Re: Contract N62470-89-D-4814
Navy Clean, District III
Contract Task Order (CTO) 0312
Operable Unit No. 9 (Sites 65 and 73)
MCB, Camp Lejeune, North Carolina
Conference Call Minutes (Site 73)

Dear Mr. Laughmiller:

Baker Environmental, Inc. (Baker) is submitting the minutes for the telephone conference call held on August 9, 1995. These minutes document the discussion between representatives of LANTDIV, USEPA Region IV, NC DEHNR, MCB Camp Lejeune, OHM, and Baker pertaining to the Remedial Investigation findings and scoping for the additional investigation. Also enclosed is a disc with the minutes in WordPerfect version 5.1 under the file name "MINUTES.312".

Baker appreciates the opportunity to serve LANTDIV on this project. If there are questions or comments, please contact me at (412) 269-4695 or Mr. Matthew Bartman, Baker Activity Coordinator at (412) 269-2053.

Sincerely,

BAKER ENVIRONMENTAL, INC.

Malcolm H. Bartman
for

Malcolm Petroccia
Project Manager

MWP/lq

cc: Ms. Lee Anne Rapp, LANTDIV, w/o enclosure
Ms. Katherine Landman, LANTDIV, w/enclosure
Mr. William Mullen, LANTDIV, w/enclosure
Mr. Neal Paul, MCB, Camp Lejeune, w/enclosure
Ms. Gena Townsend, USEPA Region IV, w/enclosure
Mr. Patrick Watters, NC DEHNR, w/enclosure
Mr. Jim Dunn, OHM, w/enclosure



A Total Quality Corporation

Meeting Minutes

Baker

Project: CTO 0312, Operable Unit 9 (Site 73) **Date:** August 25, 1995
Subject: Data Review/Additional Investigation **Time:** 9 August 1995 at 1400 EDT
By: Malcolm Petroccia **Place:** Conference Call

Attendees:

Patrick Watters Dan Bonk
James Dunn James Culp
Katherine Landman Malcolm Petroccia
Lance Laughmiller
Thomas Morris
Gena Townsend

The meeting began with Malcolm Petroccia (Baker Project Manager) proposing an agenda for this telephone conference call regarding MCB, Camp Lejeune, OU No. 9 - Sites 65 and 73. The agenda consisted of:

- Discussion of hydrogeology and analytical data provided in a letter from Baker to L. Laughmiller, dated August 2, 1995;
- Discussion of additional sample locations;
- Discussion of RI schedules for Sites 65 and 73; and
- Discussion of costs and funding.

The discussion of the hydrogeology focused on the ground water flow direction in the upper Castle Hayne Formation and the location and effect of the clay layer found under the western portion of Site 73. In response to a question, Baker noted that tidal influences have been observed in the shallow wells along the shoreline and near streams. The tidal influence data has not been fully evaluated.

The review of analytical data noted that the data does not include validation results. Baker noted that the ecological (fish and benthic organisms) results were received and there were no detects of TCE. There was one detect of toluene at 520 ug/kg. The ecological data will be reviewed and any additional elevated levels will be reported to the group. The soils and groundwater analytical data were reviewed focusing on benzene and TCE and related chlorinated products in the groundwater.

The group next discussed sampling locations including the need for a sampling location across Courthouse Bay from Site 73. The proposed location is about 0.5 mile southeast of Site 73 and 0.25 mile northwest of pumping well BB-44. In response to Gena Townsend's suggestion, the group agreed that resampling pumping well BB-44 during the next round of sampling would be appropriate. The group also agreed that collecting

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additional data from current and historical environmental investigations in the Courthouse Bay Engineers Training Area should be performed. Although the proposed location across the bay is not ideal, it will provide useful information on geology and hydrogeology, as well as a future monitoring point to evaluate if TCE is migrating under the bay. Two proposed deep well locations were deleted. Otherwise the proposed additional groundwater sampling locations appeared acceptable.

In response to questions about future remediation options for the TCE, Baker noted that whether and where there are potential receptors for the contamination is important. Gena Townsend suggested that we should consider the effects of any discharges to the bay, natural attenuation, and lines of defense to protect potential receptors.

The group agreed that the Site 65 RI report should proceed on schedule. Baker noted that drilling and installation costs for each deep well may be \$16,000. Kate Landman informed the group that there is not adequate 1995 funds to address the additional groundwater investigation. Thus, the Site 73 schedule will probably be delayed until December 1995 or January 1996.

As a result of the decisions made during this telephone conference call, Baker will prepare a draft modification to the Work Plan and IP for Site 73. After data validation and management of the data, Baker will put the Site 73 work on hold until contract modifications are received from LANTDIV.

MWP/lq