

**Michael Baker Jr., Inc.**  
*A Unit of Michael Baker Corporation*

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September 17, 2004

Commander  
Atlantic Division  
Naval Facilities Engineering Command  
6506 Hampton Boulevard  
Norfolk, Virginia 23508-1278

Attn: Mr. Daniel Hood  
Navy Technical Representative  
Code EV23

Re: Contract N62470-03-D-4000  
Contract Task Order (CTO) 0004  
Annual Monitoring Reports for Operable Units (OU) 6 (Site 36) and OU 21 (Site 73)  
Marine Corps Base, Camp Lejeune, North Carolina

Dear Mr. Hood:

I am pleased to submit on behalf of Engineering and Environment, Inc. (EEI) and Michael Baker Jr., Inc. (Baker) two unbound copies of the Annual Monitoring Reports for Operable Units (OU) 6 (Site 36) and OU 21 (Site 73). A copy of each report has also been forwarded to Mr. Robert Lowder at MCB, Camp Lejeune as well as to representatives of the U.S. Environmental Protection Agency (EPA) - Region IV, the North Carolina Department of Environment and Natural Resources (NC DENR), and the Naval Environmental Health Center (NEHC). In addition one copy of the Annual Monitoring Report for OU 21 has been forwarded to Shaw Environmental, Inc.

The Annual Monitoring Reports include activities from a 12-month period from July 2003 through June 2004. The following is a brief review of the proposed recommendations for each site. Please refer to each Annual Monitoring Report for a detailed explanation of the analytical results and recommendations.

#### **Site 36**

Because the concentrations at the monitoring wells are similar to those reported in last year's annual report, the current site conceptual model is still valid and a revised BIOCHLOR model was not performed for the current year. It is recommended that as new information becomes available, a contaminant transport model still be performed on an annual basis as necessary and incorporated into the Annual Monitoring Report in order to determine the current impact of the plume on Brinson Creek.

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**Site 73**

- The pilot study will continue with modifications to the horizontal well anticipated to occur in September 2004, and weekly injections to continue through October 2004.
- Additional groundwater sampling events associated with the pilot study were also conducted in March, May, and July 2004. These data will be discussed as part of the pilot study report pending in 2005.
- The POL free product area around monitoring well 73-MW14 should be further investigated to determine the extent of product in the soil and groundwater. It is recommended that the delineation effort be completed by the remedial action contractor (RAC) so that the impacted soil and groundwater can be delineated and removed concurrently.

Should you have any questions or concerns regarding these reports, or if I can be of further assistance on any other LTM issue, please do not hesitate to contact me at (412) 269-2028.

Sincerely,

**MICHAEL BAKER JR., INC.**



Kenneth A. Tua  
Project Manager

KAT/lp

cc:

- Mr. Robert Lowder, MCB, Camp Lejeune (one copy)
- Mr. Scott Williams (letter only)
- Ms. Gena Townsend, EPA (one copy)
- Mr. Randy McElveen, NC DENR (one copy)
- Dr. Charlie Stehman, NC DENR (one copy)
- Mr. David McConaughy, NEHC (one copy)
- Mr. Ron Kenyon, Shaw (one copy Site 73 only)
- Mr. Matt Schulze, EEI (one copy)
- Mr. William Morris, EEI (one copy)
- Mr. Mike Slade, EEI (letter only)