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May 2, 1991

Commander
Atlantic Division
Naval Facilities Engineering Command
Norfolk, Virginia 23511-6287

Attention: Ms. Lauri Boucher, P.E.
Code 1822

Re: Contract N62470-89-R-4814
Interim Removal Action at Site 69
Camp Lejeune Military Reservation

Dear Ms. Boucher:

This letter serves to summarize some of our recent discussions and recommendations with respect to conducting an interim removal action at the Camp Lejeune Military Reservation (CLEJ). Specifically, these discussions have been focused on the feasibility of and need to perform a removal action at Site 69 (Rifle Range Chemical Dump).

It is Baker's understanding that Site 69 contains buried hazardous materials that may include explosives, mustard gas, and laboratory wastes (i.e., lab packs). No comprehensive subsurface exploratory investigations have been conducted to date to confirm or identify the contents of this area. Additionally, samples collected from monitoring wells have exhibited volatile organic contamination (TCE, 1,2-DCA, benzene, etc.). Surface water and sediment samples have been collected but the analyses are not yet available to Baker. Should surface water or sediment samples exhibit hazardous constituents, there could potentially be a risk to human health and the environment. Otherwise, there are no known human health or environmental risks posed by this site since groundwater in this area is not used as a potable water source and dermal contact with soil is no longer an exposure pathway since a fence has been installed prohibiting access.

The immediate need to remove the buried materials from Site 69 is questionable given that there may be no significant risk to human health or the environment that would justify an immediate removal action (pending the results of the surface water and sediment samples). It should be noted that the removal of the contents may result in adverse environmental and human health impacts since the contents have not been confirmed and may contain explosives and other dangerous substances.

If a removal action at Site 69 is thought to be desirable for the simple reason of removing the source, Baker strongly recommends that additional information be collected prior to conducting any removal action at this site. The contents of the area

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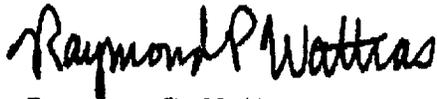
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need to be identified in order to safely remove and properly dispose of the materials. It is recommended that at a minimum, interviews with former and present employees be conducted to obtain this information. A review of records, if available, is also recommended in order to help identify what materials were landfilled at the site.

We would be happy to discuss the contents of this letter with you and/or your staff at your convenience. If you have any questions, please feel free to contact me at (412) 269-6036.

Very truly yours,

BAKER ENVIRONMENTAL, INC.



Raymond P. Wattras
Project Manager

cc: Mr. D. A. Boucher, P.E. (Code 09A2)