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April 30, 1998
Dr. Luanne Williams
North Carolina Department of Health and Human Services
Occupational and Environmental Epidemiology Section
P.O. Box 29601
Raleigh, North Carolina 27626-0601

RE: Additional Tracer Information For a Proposed Partitioning Interwell Tracer Test at Site 88, Building HP 25, Camp Lejeune, North Carolina

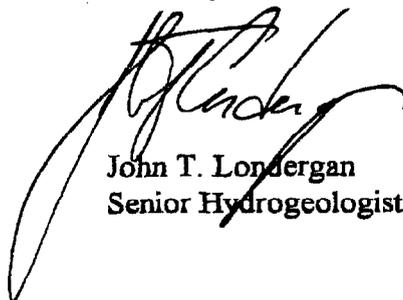
Dear Dr. Williams:

We have forwarded information to support a risk assessment for a project, as referenced above, on November 19, 1997, December 12, 1997, and March 19, 1998. The most recent compound discussed was calcium chloride. We had discovered that the calcium chloride salt can potentially contain a maximum of 3 mg/L arsenic. The result of this discovery was that we were not able to inject the calcium chloride at concentrations high enough to use it as a conservative tracer in a pre-test and had to substitute for it the bromide we had planned to use as a conservative tracer during the partitioning interwell tracer test (PITT).

Using the bromide for the pre-test rather than the PITT required that we substitute another compound for it. We propose to use methanol as a substitute for the bromide. The injection concentration of the methanol during the tracer injection period would be 1,000 mg/L. The final methanol concentration in the injection area at the end of the demonstration should be in the 1 to 5 mg/L range.

We hope to begin the PITT on Tuesday May 5, 1998. I have attached a material safety data sheet for the methanol. Our source for the methanol is Sigma Chemicals at 800-325-3010. The Sigma catalog number is M1775. Please call me with any questions.

Sincerely,



John T. Londergan
Senior Hydrogeologist



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cc: Ms. Laura Yeh, Naval Facilities Engineering Service Center
Ms. Dianne Reid, North Carolina DEHNR
Mr. David J. Lown, North Carolina DEHNR
Mr. Marcus Geist, North Carolina DEHNR
Ms. Kate Landman, Naval Facilities Engineering Command
Mr. Mick Senus, AC/S EMD Camp Lejeune
Mr. Matthew Bartman, Baker Environmental
Mr. Fred Holzmer, Duke Engineering and Services