

Coastal Bioanalysts Inc.

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Ms Linda Bridges
Verde Environmental, Inc.
7309 Schneider
Houston, TX 77093


Dear Linda:

Enclosed are the results of the NCP dispersent toxicity tests conducted on 6% Micro-Blaze. The 48-h LC50, which is the concentration calculated from the data set which would produce 50% mortality to the population after a 48-h exposure period, was higher (i.e. less toxic) for the 6% Micro-Blaze oil (1:10) mixture than for oil alone in the case of mysid shrimp. Because the 95% confidence limits (i.e. statistical 95% probability limits) of the two LC50s do not overlap, the slight decrease in toxicity with Micro-Blaze addition is statistically significant. For the fish, toxicity of the oil-Micro-Blaze mixture was essentially identical to that of oil alone.

The LC50 values for the Micro-Blaze alone were determined using a solution prepared at the 6% application concentration. Because you indicated that lower concentrations are frequently used, the LC50 as concentration of solution prepared at a lower application concentration would be higher (i.e. less toxic). For example, 1230 ppm of 6% solution would kill 50% of the mysids in a 48-h period. For the same amount of toxicity 2460 ppm of a 3% solution would need to be applied.

If you have any questions regarding the tests or results please do not hesitate to call

Sincerely,



Peter F. De Lisle, Ph.D.
President

II. RESULTS

A. Overall Summary Results

Table 1. LC50 Comparisons (ppm)

Test	48- LC50 <i>M. bahia</i>	96-h LC50 <i>M. beryllina</i>
6% Micro-Blaze	1230	1390
No. 2 Oil	5.08	8.11
Oil + 6% Micro- Blaze (10:1)	9.84	7.02

Discussion

The 10:1 oil:product mixture was no more toxic than oil alone.