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Dear John,

Triad Water Mitigation System

The following results were obtained at tests run for our customer [REDACTED] during April/May 2002. The actual systems disposed of will not be mentioned however the effective high explosive quantity of each event is. The values are peak blast overpressures measured with Kistler piezo-electric pressure transducers mounted 1m above-ground at the distances stated.

0.75kg unmitigated	13kPa at 10m	7kPa at 15m
0.75kg with Triad	2kPa at 10m	0.8kPa at 15m
1.5kg unmitigated	23kPa at 10m	9kPa at 15m
1.5kg with Triad	2.75kPa at 10m	1.5kPa at 15m
18.0kg unmitigated	81kPa at 10m	38kPa at 15m
18.0kg with Triad	13kPa at 10m	11kPa at 15m

All the above demonstrate reductions in peak blast in the order of 85%. No effort was made to evaluate mitigation of fragments.

Best regards,



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