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RE: BTEX Testing

To Whom It May Concern:

This letter is to confirm that the below substances have been tested for Benzene, Toluene, Ethylbenzene and total Xylenes (BTEX) to confirm suitability for drilling fluids. Typical results are listed below:

BTEX	Benzene	Ethylbenzene	Toluene	Xylenes
Product	EPA Drinking Water Limits			
	0.005 mg/L	0.7 mg/L	1 mg/L	10mg/L
Magiesol 44	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Magiesol 47	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Magiesol 52	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Conosol C-145	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Conosol C-200	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Conosol 215	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Conosol 260	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Conosol 340	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
LVT 200	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
LVT 210	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Calsia 62	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Calsia 70	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Calsia 80	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Calsia 96	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Calsia 100	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
LVP 100	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
LVP 200	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
LVP 300	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
WP 145	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L
Calumet 142 Flash <1%	ND @ 0.005 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L	ND @ 0.250 mg/L

While there presently is no federally mandated specification for BTEX levels in drilling fluid, local municipalities and drilling companies have generally accepted the limits that are specified in the EPA Safe Drinking Water Act standards.

The products listed in this letter addresses the testing results of the 4 contaminants of interest. These products are periodically tested to assure ongoing compliance.

Please let me know if I can be of any additional information.

Sincerely,

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