"Excellence in Ecological Monitoring"

January 20, 2011

RE: RoadBond EN1 Road Stabilizer

To Whom it May Concern:

After reviewing data collected by EnviroScience and information supplied by GemChem, Inc. on Roadbond Road Stabilizer it is to be anticipated that this product will likely cause no toxic effects to fish species or water quality changes to the surface waters that may be subjected to runoff. This conclusion can be made due to the results of the 28 day Rainbow Trout (*Oncorhynchus mykiss*) toxicity test conducted by EnviroScience. No statistically significant reduction in survival or growth occurred to Rainbow Trout as compared to two control groups.

Rainbow Trout in general are very sensitive to changes in their environment and small fluctuations in temperature, dissolved oxygen and ammonia can cause catastrophic population decline. Throughout the 28 day test the aforementioned chemical measurements were taken and all stayed within normal biologically acceptable ranges.

While most of the conclusions that can be made about the relative toxicity surround vertebrate fish species, general chemical data collected by EnviroScience during the Rainbow Trout testing event indicate normal ranges for conductivity, dissolved oxygen and pH that would not directly cause harm to invertebrate communities of organisms present in the same surface waters. No definitive conclusions can be made about the impact of RoadBond EN1 on other types of organisms.

EnviroScience performed the addition of RoadBond EN1 as directed by the manufacturer and would highly recommend following those directions when applying the product. This would ensure avoidance of any toxic effects that could occur by overdosing the surrounding surface waters at untested levels.

Please contact Courtney Van Voorhis at 800-940-4025 or <u>cvanvoorhis@enviroscienceinc.com</u> if you have further questions.

Sincerely,

Courtney Van Voorkis

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