



11 October 2006

Jeremiah R. Hansen

Environmental Geologist

Peer Engineering, Inc.

4801 West 81st Street, Ste. 118

Bloomington, MN 55437

Dear Mr. Hansen,

The Isophorone results generated in the UMORE project concrete samples have been proven to have been synthesized in the laboratory extraction process. MVTL uses EPA method 3545 as the extraction procedure for the 8270 analysis. The 3545 procedure calls for a 1:1 mix of methylene chloride and acetone as the extraction solvent. The samples are placed in a stainless steel cell with the extraction solvent and heated to 100 degrees Celsius while being pressurized to 2000 psi. Concrete samples contain an undetermined substance that appears to react with the acetone under these conditions to form Isophorone.

To verify the acetone was causing the formation of Isophorone, several samples were re-extracted using EPA method 3545 with only methylene chloride as a solvent and Isophorone was not detected. Full quality control measures were followed using the methylene chloride only extraction and the results were within the acceptable range.

Several samples were also extracted with 1:1 methylene chloride and acetone by an alternate extraction procedure using ambient temperature and pressure resulting in no Isophorone detections.

In conclusion, the elimination of acetone coupled with the elevated temperature and pressure resulted in no Isophorone formation in the concrete samples.

Sincerely,

(for Jay)

Jay Giefer

Environmental Section Leader

Minnesota Valley Testing Laboratories, Inc.