

August 25, 2003

Mr. Mike Freisthler
Environmental Innovations for Energy
& Industry of Ohio, LLC.
2323 Campbell Road
Sidney, Ohio, 45365

Dear Mr. Freisthler:

On August 22, 2003, Transportation Research Center, Inc. (TRC) conducted tests on Shelby County Road 19 to compare the pavement friction levels available from two rejuvenating sealants, SoySeal with natural sand (SS-NS) and SoySeal with Black Beauty sand (SS-BB), applied by Environmental Innovations for Energy & Industry of Ohio, LLC (EIEIO) on August 21, 2003. An untreated control section was also tested. The resultant Skid Numbers (SN) from the two pavement treatments were:

<u>Treatment</u>	<u>SN</u>
SS-NS	49
SS-BB	47
Control	61

All testing followed ASTM E-274 test procedures using ASTM E-501 tires at 40 miles per hour using the on-board watering system. Five tests were conducted, starting at the centerline of the roadway and stepping to the right one wheel path width for each successive pass to the approximate center of the lane. The second set of five tests were a repeat of the first set of five but indexed down the roadway approximately thirty feet.

The raw data from the tests are included to provide more detailed information and show all data points, including those determined to be outliers per ASTM E-274.

If you have any questions, please contact the undersigned at (937) 666-2011, Ext. 355.

Sincerely,



Bill Lyon
Skid Systems Project Engineer
Durability and Dynamics Engineering

BL/pn

TRANSPORTATION RESEARCH CENTER INC.
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EIEIO

ASTM E-274 Procedure
Rd. 19

Shelby Co.

Wet Slides
20030443

8-22-03

T_A =
79° F
T_S =
85° F

<u>Run</u>	<u>SS-NS</u>	<u>SS-BB</u>	<u>Control</u>
1	49.9	46.3	53.9
2	50.5	45.7	61.1
3	50.2	49.3	63.0
4	50.6	53.9	63.4
5	47.9	47.0	52.5
6	48.0	45.3	57.9
7	50.1	46.4	58.3
8	49.9	50.8	60.1
9	45.5	45.5	62.0
10	43.5	40.0	63.0
Avg.	49.2	47.0	61.1