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January 23, 2007

Tom Carpenter
Erosion Tech, Inc.
6900 NE 14th Street, Suite 24
Arkeny, Iowa 50021

Re: Preliminary Testing Results for ScourStop Transition Mat Over Propex 1051

Dear Mr. Carpenter,

In accordance with your request for preliminary testing results of the ScourStop Transition Mat (TM) installed over Propex 1051, Colorado State University (CSU) is pleased to provide the following letter report. Please recall that for this configuration, the TM was installed without overlapping the sheets, meaning that an additional three anchors per mat were used and the mats were placed end to end and not overlapped. In addition, the soil matrix used for testing was compacted to 90 to 95 percent of maximum dry density, which is standard for full scale erosion control product testing. Testing for this configuration took place between December 19th, 2006 through January 16th, 2007. A full report of final testing results will be provided at the conclusion of the entire test program. The results presented within this letter report are considered preliminary and could change once the final report is issued. Table 1 presents a summary of the preliminary results for the configuration described above.

Table 1: Preliminary Results

Test Number	Discharge (cfs)	Unit Discharge (cfs/ft)	Bed Slope (ft/ft)	Maximum Shear Stress (lb/ft2)	Average Velocity (ft/s)	Soil Loss CSLI (in)	Manning's n	Condition
1	4.2	1.0	0.11	1.1	8.7	0.015	0.015	Stable
2	10.0	2.5	0.11	1.9	9.0	0.031	0.023	Stable
3	14.7	3.7	0.11	2.5	9.3	0.031	0.028	Stable
4	20.5	5.1	0.11	2.6	11.2	0.038	0.025	Stable
5	25.0	6.3	0.11	3.5	11.6	0.038	0.029	Stable
6	34.0	8.5	0.11	3.5	12.2	0.047	0.024	Stable
7	14.7	3.7	0.23	4.5	12.6	0.047	0.028	Stable
8	25.2	6.3	0.23	5.5	15.1	0.084	0.026	Stable
9	32.8	8.2	0.23	6.6	16.4	0.125	0.027	Stable
10	42.0	10.5	0.23	7.5	17.9	0.138	0.027	Stable
11	58.9	14.7	0.23	8.1	19.5	0.153	0.027	Stable

Plots of shear stress and velocity versus soil loss were generated and are presented in Figures 1 and 2, respectively. In addition, a plot of Manning n values versus unit discharge is presented in Figure 3.

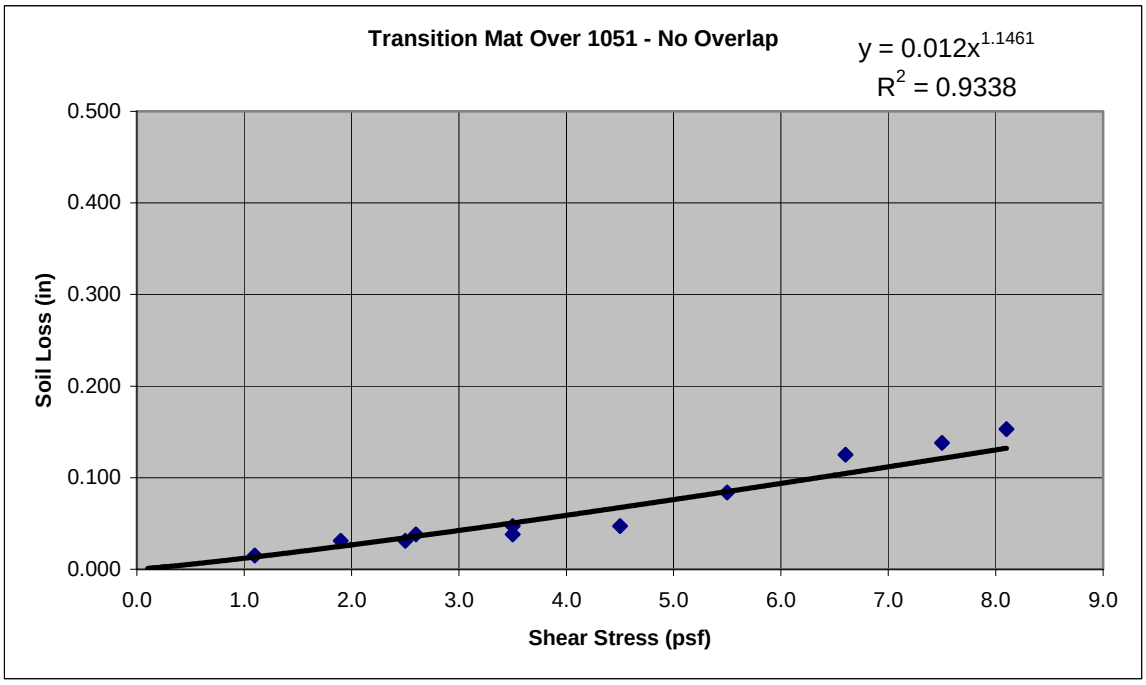

Figure 1: Shear Stress vs. Soil Loss

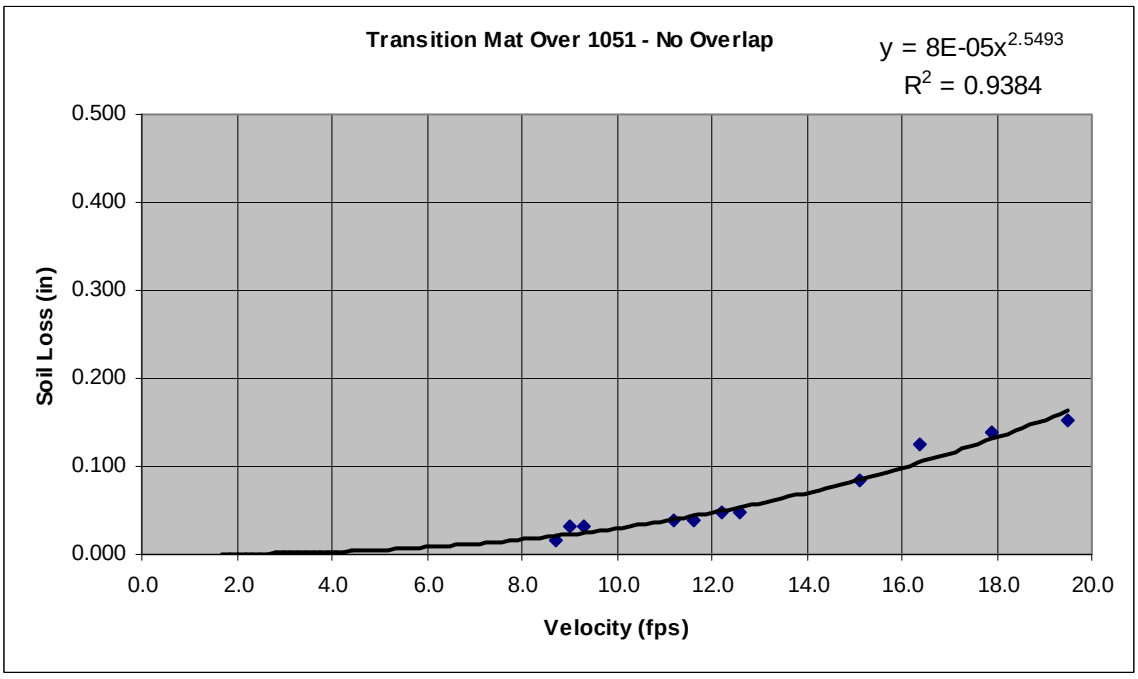

Figure 2: Velocity vs. Soil Loss

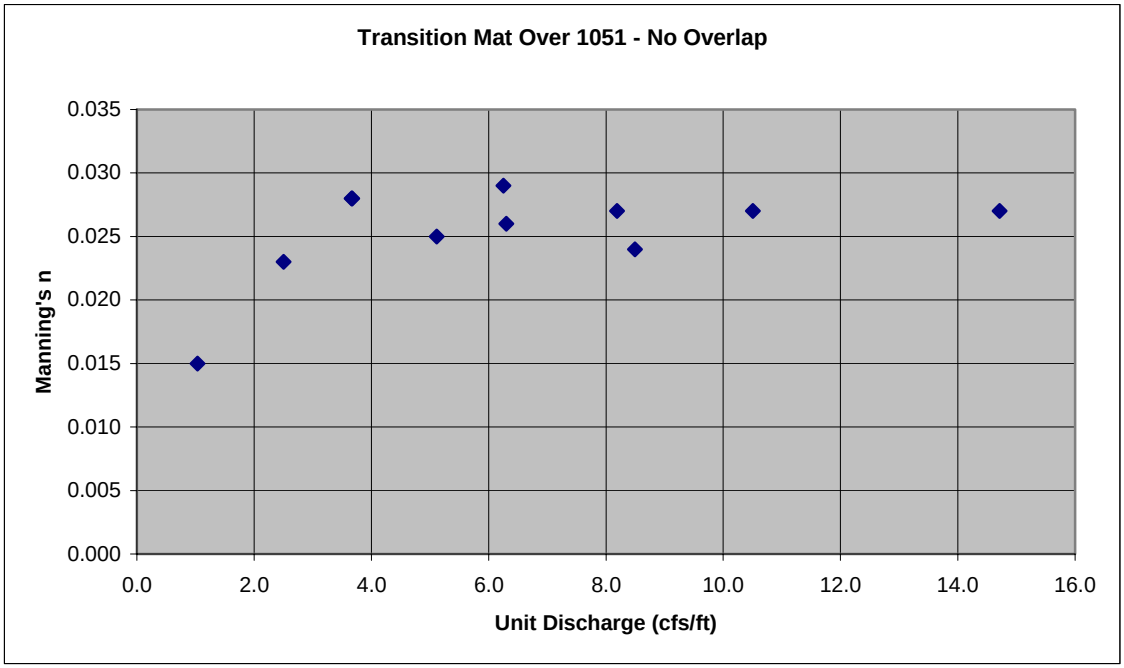

Figure 3: Unit Discharge vs. Manning n

Colorado State University would like to thank Erosion Tech for the opportunity to perform this testing and analysis. Please do not hesitate to contact me with any questions and/or comments pertaining to this letter report.

Sincerely,

Michael D. Robeson, P.E.
Manager, Hydraulics Laboratory
Colorado State University