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

Re: Preliminary Testing Results for ScourStop Transition Mat Over Kentucky Blue Grass

Dear Mr. Carpenter,

In accordance with your request for preliminary testing results of the ScourStop Transition Mat (TM) installed over Kentucky Blue grass, Colorado State University (CSU) is pleased to provide the following letter report. Please recall that for this configuration, the TM was installed with overlapping the sheets. 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 November13th, 2006 through November 15th, 2006. 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

		Unit	Bed	Maximum	Maximum	Soil Loss		
Test	Discharge	Discharge	Slope	Shear Stress	Velocity	CSLI	Manning's	
Number	(cfs)	(cfs/ft)	(ft/ft)	(lb/ft2)	(ft/s)	(in)	n	Condition
1	5.0	1.3	0.18	2.3	7.8	0.00	0.028	Stable
2	14.2	3.6	0.18	3.2	13.1	0.00	0.022	Stable
3	20.0	5.0	0.18	3.7	14.3	0.00	0.022	Stable
4	25.2	6.3	0.18	4.2	15.8	0.00	0.023	Stable
5	32.6	8.2	0.18	4.3	16.7	0.00	0.022	Stable
6	41.4	10.4	0.18	4.2	17.5	0.00	0.022	Stable
7	56.6	14.2	0.18	5.3	18.6	0.00	0.024	Stable
8	57.0	14.3	0.23	7.1	19.3	0.00	0.023	Stable

Plots of shear stress and velocity versus soil loss were not generated due to the fact that there was no measurable soil loss during testing. A plot of Manning n values versus unit discharge is presented in Figure 1.

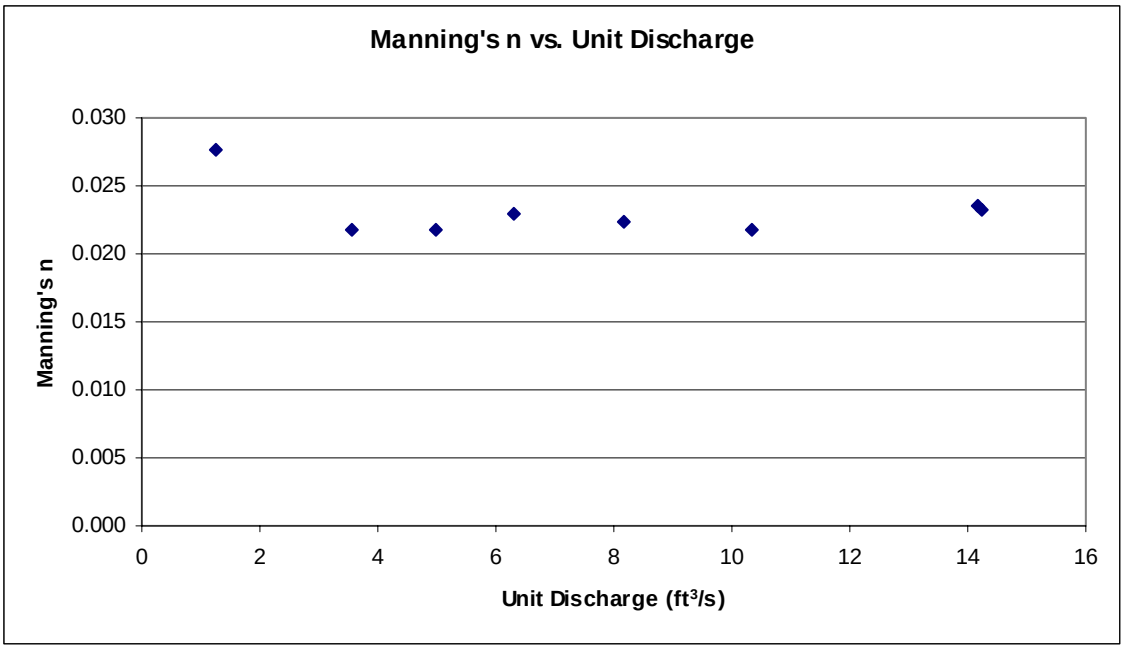

Figure 1: Unit Discharge vs. Manning n

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