APPENDIX E

MOORES RUN STUDY REACH - BANK EROSION HAZARD INDEX

BEHI SUMMARY TABLE
Moores Run, Baltimore, MD

Reach ID	Bank Length	Bank Height	Bank Area	BKF Height	Bank Height / BKF Height	Bank Ratio Index	Root Depth	Root Depth / Bank Height	Root Ratio Index	Root Density (%)	Root Density / Bank Height	Root Density Index	Bank Angle	Bank Angle Index	Surface Protection (%)	Surface Protection Index	Materials & Stratificaiton Index	Total Score	Rating Category
Reach 1																			
Bank 1	120.0	7.0	840.0	4.0	1.8	6.7	7.0	1.0	1.0	90.0	90.0	1.5	30.0	2.4	50.0	4.3	0.0	15.9	Low
Bank 2	151.0	3.4	513.4	3.4	1.0	1.0	3.4	1.0	1.0	90.0	90.0	1.5	10.0	1.5	85.0	1.7	0.0	6.6	Very Low
Bank 3	74.0	8.7	643.8	4.3	2.0	8.0	4.0	0.5	4.3	70.0	32.2	5.7	60.0	3.9	30.0	5.9	5.0	32.8	High
Bank 4	268.0	13.0	3,484.0	3.5	3.7	10.0	2.0	0.2	7.8	30.0	4.6	10.0	65.0	4.4	25.0	6.5	8.0	46.8	Extreme
Reach 2																			
Bank 5	260.0	4.5	1,170.0	3.3	1.4	5.0	4.0	0.9	2.0	90.0	80.0	1.9	25.0	2.2	85.0	1.7	0.0	12.8	Low
Bank 6	250.0	4.5	1,125.0	3.3	1.4	5.0	4.0	0.9	2.0	90.0	80.0	1.9	25.0	2.2	85.0	1.7	0.0	12.8	Low
Reach 3																			
Bank 7	54.0	5.0	270.0	3.2	1.6	6.3	1.0	0.2	7.2	30.0	6.0	8.9	25.0	2.2	10.0	9.0	5.0	38.6	High
Bank 8	110.0	5.5	605.0	4.2	1.3	4.7	3.5	0.6	3.2	80.0	50.9	4.2	20.0	1.9	70.0	2.7	0.0	16.8	Low
Bank 9a	80.0	6.5	520.0	3.7	1.8	6.7	1.5	0.2	6.8	50.0	11.5	8.3	70.0	4.9	10.0	9.0	5.0	40.7	Very High
Bank 9b [1]	21.0	4.8	100.8	3.1	1.5	6.1	4.1	0.9	2.2	60.0	51.5	4.2	122.0	10.0	50.0	4.3	0.0	26.8	Moderate
Bank 9c	75.0	3.2	240.0	3.2	1.0	1.0	2.8	0.9	2.1	80.0	70.0	2.7	20.0	1.9	90.0	1.5	0.0	9.1	Very Low
Bank 9d	125.0	3.5	437.5	3.5	1.0	1.0	3.4	1.0	1.3	80.0	77.7	2.1	45.0	3.2	90.0	1.5	0.0	9.0	Very Low
Bank 9e	20.0	3.0	60.0	3.0	1.0	1.0	1.8	0.6	3.4	80.0	48.0	4.5	85.0	6.8	50.0	4.3	5.0	25.0	Moderate
Bank 9f	35.0	1.7	59.5	1.7	1.0	1.0	0.9	0.5	3.8	80.0	42.4	4.9	25.0	2.2	90.0	1.5	0.0	13.3	Low
Reach 4																			
Bank 10	392.0	4.0	1,568.0	4.0	1.0	1.0	4.0	1.0	1.0	90.0	90.0	1.5	10.0	1.5	80.0	1.9	0.0	6.8	Very Low
Bank 11	52.0	6.0	312.0	4.5	1.3	4.8	3.5	0.6	3.5	60.0	35.0	5.5	85.0	6.8	55.0	3.9	0.0	24.6	Moderate
Bank 12	88.0	6.0	528.0	3.6	1.7	6.3	1.0	0.2	7.7	40.0	6.7	8.8	55.0	3.7	13.0	8.4	7.0	41.9	Very High
Bank 13	255.0	3.0	765.0	3.0	1.0	1.0	3.0	1.0	1.0	95.0	95.0	1.2	10.0	1.5	90.0	1.5	0.0	6.1	Very Low
Reach 5																			
Bank 14	75.0	7.0	525.0	3.0	2.3	8.3	1.0	0.1	8.0	50.0	7.1	8.8	30.0	2.4	10.0	9.0	8.0	44.5	Very High
Bank 15	88.0	6.9	607.2	1.5	4.6	10.0	5.0	0.7	2.8	70.0	50.7	4.3	55.0	3.7	95.0	1.2	0.0	21.9	Moderate
Bank 16	135.0	9.5	1,282.5	3.0	3.2	10.0	9.5	1.0	1.0	90.0	90.0	1.5	10.0	1.5	95.0	1.2	0.0	15.1	Low
Bank 17	113.0	7.0	791.0	3.0	2.3	8.3	7.0	1.0	1.0	65.0	65.0	3.1	18.0	1.8	65.0	3.1	0.0	17.4	Low
Bank 18	350.0	5.0	1,750.0	1.5	3.3	10.0	5.0	1.0	1.0	90.0	90.0	1.5	50.0	3.4	90.0	1.5	0.0	17.3	Low
Bank 19	285.0	6.5	1,852.5	1.0	6.5	10.0	6.5	1.0	1.0	90.0	90.0	1.5	50.0	3.4	90.0	1.5	0.0	17.3	Low
Bank 20	35.0	9.0	315.0	3.2	2.8	10.0	2.0	0.2	6.9	65.0	14.4	8.0	65.0	4.4	30.0	5.9	5.0	40.2	Very High
Bank 21	63.0	9.0	567.0	3.0	3.0	10.0	8.0	0.9	2.0	65.0	57.8	3.7	90.0	7.9	65.0	3.1	0.0	26.7	Moderate

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Reach 6																			
Bank 22	70.0	7.0	490.0	3.0	2.3	8.3	1.0	0.1	8.0	60.0	8.6	8.6	90.0	7.9	20.0	7.2	10.0	50.1	Extreme
Bank 23	397.0	8.5	3,374.5	3.0	2.8	10.0	8.0	0.9	1.5	65.0	61.2	3.4	40.0	2.9	80.0	1.9	0.0	19.8	Moderate
Bank 24	155.0	3.6	558.0	3.6	1.0	1.0	3.0	0.8	2.3	65.0	54.2	4.0	15.0	1.7	75.0	2.3	0.0	11.2	Low
Reach 7																			
Bank 23	180.0	8.5	1,530.0	3.0	2.8	10.0	8.0	0.9	1.5	65.0	61.2	3.4	40.0	2.9	80.0	1.9	0.0	19.8	Moderate
Bank 25	221.0																		Low
Reach 8																			
Bank 26	213.0																		Low
Reach 9																			
Bank 27	165.0	3.0	495.0	3.0	1.0	1.0	3.0	1.0	1.0	90.0	90.0	1.5	15.0	1.7	65.0	3.1	0.0	8.2	Very Low
Bank 28	155.0	12.5	1,937.5	3.0	4.2	10.0	6.5	0.5	3.8	30.0	15.6	7.8	40.0	2.9	30.0	5.9	10.0	40.4	Very High

1. Reach 3 Bank 9b, BEHI data is from USFWS XS A BEHI data sheet