

APPENDIX B

**Cheboygan River/Lower Black River Watershed
Streambank Erosion Severity Index**

Condition of bank	Points	Soil type or texture	Points
Toe and upper bank eroding	5	Sand	3
Toe undercutting	3	Gravel	2
Toe stable, upper bank eroding	1	Stratified Clay, loam	2 1
Problem trend		Vegetative cover on bank slope	
Increasing	5	0-10%	5
Decreasing or stable	1	10-50% 40-100%	3 1
Side-slope of bank		Apparent cause of erosion	
Vertical, 1:1	5	Light access traffic	1
2:1, 3:1	2	Obstruction in river	1
4:1 or flatter	1	Bank seepage	1
		Gullying by side channels	1
		Bend in river	2
		Wave action (impoundments)	2
		Road-stream crossing; grade/shoulder runoff	3
		Moderate access traffic	3
		Heavy access (foot, horse, etc.) traffic	5
Length of eroded bank		Mean height of eroded bank	
More than 50 ft.	5	More than 20 ft	7
20 to 50 ft.	3	10 to 20 ft	5
Less than 20 ft.	1	5 to 10 ft	3
		less than 5 ft	1
Depth of river		Current	
3 ft or over	2	Fast	2
Less than 3 ft	1	Slow	1
Total Points for Site			

Accumulative points indicate extent of erosion, i. e., the site rating, as follows:

More than 36-----Severe
30 to 36-----Moderate
Less than 30-----Minor