
Appendix Q

Erosion Control Structures

Lateral Risk #	Reach	TW Asset ID	Diameter (mm)	Horizontal Offset (m)	Lateral Erosion Rate (m/yr)	Time to Contact	Time to Contact Risk Score	Radius of Curvature (m)	Channel Width (m)	(Rc/W)	Rc/W Risk Score	Bank Protection Works	Lateral Infrastructure Condition Risk Score	Horizontal Risk Score
1	N1	SL4033582 MH4856914969 SL4033032	675	0.00 (South Bank)	0.2428	0.00	5	40.14	5.61	7.16	2	None	5	12
2	N1	SL4032404	675	0.25 (North Bank)	0.2428	16.03	3	13.7	5.61	2.44	5	Gabion Baskets	2	10
3	N1	SL4033583	675	4.00 (North Bank)	0.2428	36.47	2	10.9	5.61	1.94	5	Concrete Block Wall	3	10
4	N1	SL4033584	675	10.50 (North Bank)	0.2428	43.25	2	27.17	5.61	4.84	4	Partial Coverage with Gabion Baskets in Poor Condition	5	11
5	N2	SL4034031	675	6.00 (North Bank)	0.2562	23.42	3	10.15	7.98	1.27	5	None	5	13
6	N2	SL4033585	675	4.00 (North Bank)	0.2562	15.61	3	18.23	7.98	2.28	5	None	5	13
7*	N2	SL4032401	675	0.75 (East Bank)	0.2562	2.93	5	77.09	7.98	9.66	2	None	5	12
8	N2	SL4031857	675	5.00 (South Bank)	0.2562	34.52	2	11.96	7.98	1.5	5	Gabion Baskets	3	10
9	N2	SL4031887	675	0.25 (North Bank)	0.2562	5.98	4	30.88	7.98	3.87	4	Rip Rap	4	12
10	N2	SL4031888	675	0.00 (South Bank)	0.2562	0.00	5	15.47	7.98	1.94	5	None	5	15
11	N2	SL4033483 MH4918613545 SL4031888	675	2.00 (South Bank)	0.2562	22.81	3	31.31	78.98	3.92	4	Armourstone	4	11
12	N4	SL4032958	675	0.10 (North Bank)	0.2306	15.97	3	21.59	7.50	2.88	5	Washed out Rip-Rap	5	13
13	N4	SL4033490 MH4934112589 SL4032958	675	2.50 (North Bank)	0.2306	35.84	2	15.18	7.50	2.02	5	Boulder Revetment	1	8
14	N4	SL4033488	675	2.00 (East Bank)	0.2306	38.67	2	15.95	7.50	2.13	5	Gabion Baskets	3	10
15	N4	SL4033487	675	2.50 (East Bank)	0.2306	10.84	3	97.85	7.50	13.05	1	Gabion Baskets	3	7
16	N4	SL4033486	675	2.50 (North Bank)	0.2306	62.40	1	97.85	7.50	13.05	1	Rip Rap	3	5
17	Br1	SL4053177	300	12.00 (North Bank)	0.2980	40.27	2	13.64	2.74	4.98	4	None	5	11
18	Br1	SL4051741	300	3.00 (North Bank)	0.2980	60.07	1	20.22	2.74	7.38	2	Armourstone	2	5
19	Br1	MH4825114957 SL4030369	300	3.50 (West Bank)	0.2980	11.74	3	35.66	2.74	13.01	1	None	5	9
20	Br1	SL4030487	300	3.50 (West Bank)	0.2980	11.74	3	15.61	2.74	5.70	3	None	5	11
21	Br1	SL4030294	300	6.00 (West Bank)	0.2980	70.13	1	14.72	2.74	5.37	3	Armourstone	2	6
22	Br1	SL4030293	300	0.50 (West Bank)	0.2980	1.68	4	12.29	2.74	4.49	4	None	5	13

*Lateral Risk Score for this Site Adjusted/Increased Based on Preliminary Discussions with City of Toronto