

KEARSLEY CREEK EROSION RATING CHART

Station No.	Station Location - Notes	Bank	Bank Cond.	% Veg.	Cause	Slope of Bank	Length of Eroded Bank	Height of Eroded Bank	River Depth	Current Speed	Soil Texture	Access	Rating	Priority	Remarks	BMP
1	Eckinger													n/a	no erosion	n/a
2	Comer Road													n/a	no erosion	n/a
3	Genesee Rd. - DS culvert headwall													M		riprap/end sections
4	Richfield at Genesee @ bridge													M		riprap/cross vane
5	Genesee Road - culverts (3)													M		riprap/end sections
6	Richfield at Genesee	RB/LB	5	3	2	2	5	5	2	1	3	3	30	H	vegetation removal	plantings/cross vanes/j-hooks
7	Genesee Road @ bridge													M		riprap/cross vane
8	Genesee Road	RB/LB	3	1	1	3	5	1	1	1	3	3	21	L	streambank erosion	cross vanes/j-hooks
9	For-Mar Nature Preserve	RB/LB	5	5	1	5	5	5	2	2	4	1	35	H	logjams/severe erosion	gabion baskets/cross vanes/j-hooks
10	For-Mar Nature Preserve	LB	3	1	2	4	5	1	1	2	3	3	25	M	streambank erosion/log jams	plantings/remove jam/cross vanes/jhook
11	Belsay Road	RB	3	3	3	4	5	3	2	1	4	1	29	M	significant streambank erosion	cross vanes/j-hooks
12	Belsay Road @ bridge													H		j-hook/cross vane/riprap
13	Davison Road DS @ golf course	RB/LB	3	3	1	4	5	3	2	1	3	1	27	M	logjam	Remove logjam/cross vanes/j-hook
14	Davison @ road crossing	RB	5	3	3	4	5	3	2	1	3	3	31	H	bank erosion; soft sediment	cross vanes/j-hooks
15	Davison Road - bridge													M		riprap/cross vane
16	Court Street DS	LB/RB	5	5	1	4	5	3	2	1	3	1	29	M	logjam	channel restoration/cross vanes/j-hook
17	Court Street - bridge													L		minimal armoring
18	Court Street @ road crossing - US	LB/RB	1	1	1	2	5	3	2	1	3	3	21	L	minimal erosion US;erosion DS	riprap/j-hook
19	Lapeer Road	LB	3	1	3	3	5	3	2	1	3	3	27	M	minimal erosion	cross vanes/j-hooks
20	Lapeer Road @ bridge													L		minimal armoring
21	Irish Road	RB	3	3	3	2	5	3	1	1	3	3	27	M	streambank erosion from culvert/bridge	cross vanes/j-hooks/riprap
22	Irish Road - DS culvert													H		riprap/end sections
23	Irish Road @ bridge													H		riprap/end sections
24	Irish Road - US culvert													L		riprap/end sections
25	Lipponcott Road	LB/RB	3	3	3	4	5	3	2	1	3	3	30	H	logjam/structure	cross vanes/plantings/j-hook
26	Lipponcott Road @ bridge													M		riprap/end sections
27	Atlas Road near Varodell - bridge													L		minimal armoring
28	Atlas - US	LB/RB	5	3	2	5	5	1	1	1	3	3	28	M	lawn to waters edge	cross vanes/plantings/j-hook

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29	Atherton Road	LB/RB	3	3	1	2	5	1	1	1	3	3	23	M	streambank erosion	cross vanes/j-hook
30	Atherton Road @ bridge													L		minimal armoring
31	Bristol Road	LB	3	1	3	3	5	3	2	1	3	3	27	M	streambank erosion	cross vanes/plantings/riprap
32	Bristol Road - culvert													L		riprap/end sections
33	Bristol Road @ bridge													L		minimal armoring
34	Atlas Road near Maple	RB	5	3	3	4	5	5	1	1	3	3	33	H	potential for severe erosion	plantings/cross vanes/j-hook/buffer
35	Atlas Road	LB	3	3	3	2	5	3	1	1	3	3	27	M	minimal erosion	cross vanes/plantings
36	Atlas Road near Maple @ bridge													L		minimal armoring
37	Jordan Road	RB/LB	1	1	1	1	1	1	1	1	3	3	14	L	stable	plantings
38	Jordan Road @ bridge													L		minimal armoring
39	Atlas Impoundment	RB/LB	1	1	1	2	3	1	1	1	3	3	17	L	streambank vegetation	buffer
40	Goodrich Impoundment	RB/LB	3	1	2	1	5	1	1	1	3	3	21	L	lawn to edge	plantings/buffers
41	Green Rd - DS 400'	RB/LB	3	3	2	4	5	1	1	1	3	1	24	M	river bend/lawn	plantings/cross vanes/j-hook
42	Henderson Road - bridge													L		minimal armoring
43	Henderson Road - US	RB	3	3	1	4	3	3	2	1	3	3	24	M	beaver dam diverting water	remove beaver dam/channel restoration
44	Kipp Rd - stone weirs - DS 700'		3	2	2	4	5	3	2	2	3	3	29	M	gravel cobble bed	cross vanes
45	Kipp Rd - stone weirs - DS 200'		3	2	2	4	5	3	2	2	3	3	29	M	gravel cobble bed	cross vanes
46	Kipp Rd	RB	3	1	1	4	5	3	2	1	3	3	26	M	8" sand over gravel	re-establish width-to-depth ratio
47	Kipp Road @ bridge													L		minimal armoring
48	County Line Road - DS 700'	RB/LB	3	1	2	4	5	1	2	1	3	3	26	M	logjam	remove
49	County Line Road - DS 400'	RB	3	1	2	4	5	1	2	1	3	3	25	M	Lawn to water's edge	plantings, j-hooks
50	County Line - 2 culverts													M	erosion, 2 culverts make bridge	re-establish width-to-depth ratio
51	Black Creek Drain @ bridge													L		minimal armoring
52	Black Creek Drain	RB	5	5	2	4	5	5	1	1	2	3	33	H	raw earth	plantings

H(High priority, >29); M (Medium priority,>22); L (Low priority)