











E AN	Capac	city used = $\left(\frac{\text{I}}{\text{I}}\right)$	Impact Rating x Pressure Footprint Water body length			
	Table 1.2: Rela	tive hazard po	sed to the river	channel by diffe	rent morpholog	ical alteratio
		River Types to	o which the morp	hological conditi	ons apply	1
	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Contral -	Morphological alteration ⁽ⁱ⁾	A	В	С	D	F
Set back embankment	1	0.01	0.02	0.065	0.04	0.02
Embankment	2	0.21	0.335	0.835	0.585	0.29
Riparian vegetation	3	0 to 0.5	0 to 0.5	0 to 0.5	0.01 to 0.5	0 to 0.5
Green bank reinforcement	4	0.03	0.08	0.11	0.155	0.045
Grey bank reinforcement	5a	0.08	0.155	0.375	0.28	0.125
	5b	0.42	0.67	1.67	1.17	0.58
Closed culvert	5c	0.54	0.81	1.85	1.44	0.69
and the second second	6	0 to 0.25	0 to 0.42	0 to 0.63	0 to 0.71	0 to 0.38
Dredging	7	0 to 0.42	0 to 0.67	0 to 0.92	0 to 1.08	0 to 0.58
Bed reinforcement	8	0.33	0.58	1.58	1.08	0.5
Flow deflectors	9	0.13	0.25	0.72	0.47	0.22
Bridges	10	0.16	0.28	0.88	0.56	0.25
Impoundment	11	0.42	0.67	1.67	1.17	0.58
HIR	12	0.13 to 0.33	0.22 to 0.58	0.31 to 1.67	0.38 to 1.17	0.19 to 0.5
LIR	13	0.13	0.22	0.31	0.38	0.19





	Table 7.1 Riparian vegeta	ation categories.	
Category	Vegetation structure	Tree density	Code
Gap	Coincident wi	Gap	
Bare	Bare	None	В
Coniferous plantation	Uniform	Continuous	U+C(CP)
Uniform; None	Uniform	None	U+N
Simple; None	Simple	None	S+N
Simple; Scattered	Simple	Scattered	S+Sc
Simple; Continuous	Simple	Continuous	S+C
Complex; Scattered	Complex	Scattered	C+Sc
Complex; Continuous	Complex	Continuous	C+C
Heath; High Altitude	Simple	None	HHA





SEPA Souttish Environment Protection Agency	River MImAS results						
				Activity	Total		
	WB -	Zon	Activity	Impact	Impact		
	3000	Channel	Embankments and Floodwalls no Bank Reinforce	47.42	63.86		
1	3000	Channel	Low Impact Channel Realignment	5.75	63.86		
	3000	Channel	Riparian Vegetation	4.44	63.86		
	3000	Channel	Green Bank Reinforcement and Bank Reprofiling	2.63	63.86		
	3000	Channel	Set Back Embankments and Floodwalls	1.15	63.86		
	3000	Channel	Impoundments	1.12	63.86		
	3000	Channel	Grey Bank Reinforcement	0.54	63.86		
	3000	Channel	Bridges	0.42	63.86		
	3000	Channel	Pipe and Box Culverts	0.28	63.86		
	3000	Channel	Intakes + Outfalls	0.12	63.86		
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