TKURSummary of Tools and Responsive Actions

River	Reach	Description	River Edge Envelope	Pool Riffle Run Envelope	River Bed Envelope	Historic Channel Lines	Rural Stopbank Policy	Isolated Works Fund	Land Use Controls	Flood Forecasting and Warning System	Community Preparedness	Emergency / Management Planning	Code of Practice	Mixed Vegitation Planting	Landside Monitoring	Public Ownership of river margins	Care Groups and Clubs	Scheme Decision Making Policy	Protection against deforestation in Upper Catchment	Community Support officer	Abandonment/Retirement of Assets	Environmental Strategy	Major Project Reponse	Policy Response	Operational Response	Community Response
			Common Tools																				Reach Specific Response			
Ruamahanga	Reach 1	Upper Ruamahanga									x	x	x		x				x							
	Reach 2	Mount Bruce	x	x	x	x			x	x	x	x	x	x											Dunvegan Forest RAP Site,	SH2 and Bridges, Private Bridges
																									State Highway 2	
	Reach 3	Hidden Lakes	x	x	x	x			x	x	x	x	x	x										Hidden Lakes	Double Bridges, Design Envelopes	SH2 and Bridges, Private Bridges, Other structures
	Reach 4	Double Bridges	x	x	x	x			x	x	x	x	x	x									Rathkeale Stopbank and Erostion Control	Rathkeale	Vegitated buffer	Rathkeale College
																									Double Bridges	Double Bridges
																									Henley Lake Water Intake	Private Water Intakes
																							River Widening at the 'Narrows'	Percy Reserve	Te Ore Ore Stopbank	Infrastructures
	Reach 5	Te Ore Ore to Waingawa	x	x	x	x	x		x	x	x	x	x	x									River Road Properties	Wastewater Treatment Plant	Wardells Bridge	Infrastructure
																							Te Ore Ore Bridge Weir		Henley Lake Water Intake	
																									Channel Alignment (#318 & 319)	
																									Lees Pakaraka Road	
	Reach 6	Waingawa to Gladstone	x	x	x	x	x		x	x	x	x	x	x									Dakins Road		Dakins Road	Dakins Road
																							Te Whiti Stopbank			
	Reach 7	Gladstone to Kokotau	x	x	x	x	x		x	x	x	x	x	x											Stopbank (#163)	Farm Ancilary Buldings
																									Ahiaruhe Stopbank	Ahiruhe Settlement Road Homes
																									Carters Reserve	
																									Buffer Alignment (#314,312)	
	Reach 8	Kokotau to Waiohine	x	x	x	x	x		x	x	x	x	x	x											Stopbank (#170)	
Waipoua	Reach 9	Waipoua Headwaters									x	x	x		x				x							
	Reach 10	Upper Waipoua	x	x	x	x			x	x	x	x	x	x												
	Reach 11	Mikimiki	x	x	x	x			x	x	x	x	x	x											Retirement of identified assets	Community response plan
	Reach 12	North Masterton	x	x	x	x	x		x	x	x	x	x	x									Realignment of channel upstream of railway bridge	Paierau Road Overflow Path		Community Response Plan
																							Creation of floodplain at Mahunga			
																							Paierau Road overflow path			
	Reach 13	Masterton	x	x	x	x			x	x	x	x	x	x									Masterton stopbank upgrade and retirement of selected portions	Plannning controls for residual risk	Maintenance of weirs	Community Reponse Plan
																							Stages implementation of retirement		Creation of swimming holes	Care group for reach,parks and trails
																							Environmental and amenity plan for the Urban reach			
Waingawa	Reach 14	Waingawa Headwaters									x	x	x		x				x							
	Reach 15	Upper Waingawa	x	x	x	x			x	x	x	x	x	x									Masterton Water Supply		Masterton Water Supply	Formalise access
																										Establish care group
	Reach 16	Upper Plains	x	x	x	x	x		x	x	x	x	x	x									South Masterton Stopbank	Future Water treatment site	Water race	Masterton Gateway
																							Water Race	Masterton Gateway	Buffer establishment	
																								Recreational access	Skeets Road Stopbank	Access for recreation
																									Infrastructure security	Friends Group establishment
																									Masterton Gateway	WREMO
																									Recreational access	Infrastructure
	Reach 17	South Masterton	x	x	x	x			x	x	x	x	x	x									Aerodrome rockwork		Buffer establishment	Recreational trail - 3Rivers Trail
																									Maintain flight path security	Recreational access
																									Illegal dumping	
Eastern Rivers	Reach 18	Kopuaranga						x	x	x	x	x	x	x						x			Mauricville Flood Improvements	Isolated works policy	Investigate scheme expansion	Contestable Enviromental Enhancement Fund
																									Investigate increased LoS to include erosion mitigation work	Riparian Planting Group
	Reach 19	Whangaehu						x	x	x	x	x	x	x						x				Isolated works policy	Riparian margins	Riparian Planting Group
																									Investigate scheme expansion	Contestable Enviromental Enhancement Fund
	Reach 20	Taueru						x	x	x	x	x	x	x						x				Isolated works policy	Riparian margins	Riparian Planting Group
																									Investigate scheme expansion	Contestable Enviromental Enhancement Fund

Lead Implementer;

GWRC
District Council
Community
WREMO