

APPENDIX 6 – Water Quality Standards for waters not classified as Natural from Schedule 5

Water quality class	<u>Freshwater Objective</u>	<u>Critical Values</u>	<u>QMCI</u>	<u>BOD</u>	DOC	Temperature	pH	<u>pH</u>	Visual Clarity	Colour	DIN	DRP	E. coli*	<u>Nitrate & Other toxicants (Protection level)</u>
			<u>Change shall not exceed (%)</u>	<u>Change shall be less than mg/l</u>	Change shall be less than mg/l	<u>Average change shall not exceed (°C)</u>	Shall be between (no units)	<u>Change shall not exceed (no units)</u>	% change shall not exceed	% change shall not exceed (Munsell units)	Shall be less than (mg/l)	Shall be less than (mg/l)	95% of samples shall be less than (E.coli per 100ml)	Shall not exceed the concentration specified in Table WQL17 for the relevant level of protection (see note below)
Alpine – Upland*	<u>1,2,3,4,6,7</u>	<u>High biodiversity Salmonid Fishery</u>	<u>20</u>	<u>1</u>	<u>2</u> <u>1</u>	2	6.5 – 8.5	<u>0.5</u>	20	5	0.08	0.005	260	99%
Alpine – Lower*	<u>1,2,3,4,6,7, 8</u>	<u>Salmonid Fishery Amenity</u>									0.18	0.007	550	<u>95%</u> <u>99%</u>
Hill-fed Upland*	<u>1,2,3,4,6,7</u>	<u>High Biodiversity Salmonid Fishery</u>							20	5	0.21	0.006	260	99%

Hill-fed Lower	1,2,3,4,6,7,8	Salmonid Fishery Amenity Contact recreation								0.47	0.006	550	95%
Hill-fed Lower urban	1,2,3,5,6,7,8	Amenity								0.47	0.006		90% 95%
Lake – fed*	1,2,3,4,6,7	Salmonid Fishery High Biodiversity					20	5		0.21	0.003	260	99%
Banks Peninsula*	1,2,3,4,6,7,8	High Biodiversity					35 30	10		0.09	0.025	550	99%
Spring-fed Upland*	1,2,3,4,6,7	High Biodiversity Salmonid Spawning					20	5		0.10	0.007	260	99%
Spring-fed lower basins*	1,2,3,4,6,7	High to moderate Biodiversity Salmonid Fishery					35 30	10		0.47	0.010	550	95%
Spring-fed – plains	1,2,3,4,6,7,8	Moderate Biodiversity Salmonid Fishery					35 30	10		1.5	0.016	550	95%

Spring-fed – plains urban	<u>1,2,3,5,6,7,</u> <u>8</u>	Moderate Biodiversit y Amenity	3-5 <u>4</u>						20	5	1.5	0.016	550	90% <u>95%</u>
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