

Table D.17: Water quality standards for rivers and streams in each Water Management Sub-zone (Note: refer to and for water quality standards applying to rivers and streams flowing into natural lakes)

Table D.2A: Water ^a Quality Targets for Rivers ^a in each Water Management Sub-zone* (Note: refer to Table D.4A for the water ^a quality targets that apply to lakes ^a)																					
Water Management Zone ^a	Sub-zone ^a	pH		Temp (°C)	DO (%SAT)	scBOD ₅ (g/m ³)	POM (g/m ³)	Periphyton		DRP (mg/m ³)	SIN (mg/m ³)	QMCI	Ammoniacal Nitrogen (mg/m ³)		Tox.	Turbidity (NTU)			Visual Clarity (m)		
		Range	Δ					Chl a (mg/m ²)	% cover				<	>		<	Max	%		<4/2 m	<3 m
Upper Manawatu (Mana_1)	Upper Manawatu (Mana_1a)	7 to 8.5	0.5	19	3	80	4 1.5	2.5 5	120	30	40 0.010	467 0.167	6 120	400 0.400	2.1	99	4	45	20	3	20
	Mangatewainui (Mana_1b)	7 to 8.5	0.5	19	3	80	4 1.5	2.5 5	120	30	40 0.010	467 0.167	6 120	400 0.400	2.1	99	4	45	20	3	20
	Mangatoro (Mana_1c)	7 to 8.5	0.5	19	3	80	4 1.5	2.5 5	120	30	40 0.010	440 0.110	6 120	400 0.400	2.1	99	4	20	20	3	20
Weber-Tamaki (Mana_2)	Weber-Tamaki (Mana_2a)	7 to 8.5	0.5	19	2	80	4 1.5	2.5 5	120	30	40 0.010	444 0.444	6 120	400 0.400	2.1	99	4	45	20	3	20
	Mangatera (Mana_2b)	7 to 8.5	0.5	22	3	70	2	5	120	30	40 0.010	444 0.444	5 100	400 0.400	2.1	99		45	20	3	20
Upper Tamaki (Mana_3)	Upper Tamaki (Mana_3)	7 to 8.2	0.5	19	2	80	4 1.5	2.5 5	50	30	6 0.006	70 0.070	6 120	320 1.7	320 1.7	99		5	20	3	20
Upper Kumeiti (Mana_4)	Upper Kumeiti (Mana_4)	7 to 8.2	0.5	19	2	80	4 1.5	2.5 5	50	30	6 0.006	70 0.070	6 120	320 1.7	320 1.7	99		5	20	3	20
Tamaki-Hopelands (Mana_5)	Tamaki-Hopelands (Mana_5a)	7 to 8.5	0.5	19	3	80	4 1.5	2.5 5	120	30	40 0.010	444 0.444	6 120	400 0.400	2.1	99	4	45	20	3	20
	Lower Tamaki (Mana_5b)	7 to 8.5	0.5	22	3	70	2	5	120	30	40 0.010	444 0.444	5 100	400 0.400	2.1	99		45	30	2.5	30
	Lower Kumeiti (Mana_5c)	7 to 8.5	0.5	22	3	70	2	5	120	30	40 0.010	444 0.444	5 100	400 0.400	2.1	99		45	30	2.5	30
	Oruakeretaki (Mana_5d)	7 to 8.5	0.5	22	3	70	2	5	120	30	40 0.010	444 0.444	5 100	400 0.400	2.1	99		45	30	2.5	30
	Raparapawai (Mana_5e)	7 to 8.5	0.5	22	3	70	2	5	120	30	40 0.010	444 0.444	5 100	400 0.400	2.1	99		45	30	2.5	30
Hopelands-Tiraumea (Mana_6)	Hopelands-Tiraumea (Mana_6)	7 to 8.5	0.5	19	3	80	4 1.5	2.5 5	120	30	40 0.010	444 0.444	6 120	400 0.400	2.1	99	4	45	20	3	20
	Upper Tiraumea (Mana_7a)	7 to 8.5	0.5	23	3	70	2	5	120	30	40 0.010	444 0.444	5 100	400 0.400	2.1	95	2.5	20	30	2	30
Tiraumea (Mana_7)	Lower Tiraumea (Mana_7b)	7 to 8.5	0.5	23	3	70	2	5	120	30	40 0.010	444 0.444	5 100	400 0.400	2.1	95	2.5	20	30	2	30