Numerical attribute states – lakes

Limits

Lake FMU	Median Chlorophyll a (mg/m^3)		Maximum Chlorophyll a (mg/m^3)		Medial total Nitrogen (mg/m^3)		Medial total Phosphorus (mg/m^3)		95th percentile E.coli (E.coli/100ml		80th percentile cyanobacteria (biovolume mm^3/L)		Clarity (m)	
	NOF Band	**Value to achieve***	**NOF Band**	**Value to achieve***	**NOF Band**	**Value to achieve***	**NOF Band**	**Value to achieve***	**NOF Band**	**Value to achieve***	**NOF Band**	**Value to achieve***	**Band**	**Value to achieve***
Dune	C	12	C	60	C	750	C	50	B	540	C	1.8^+	C	1
Riverine	C	12	C	60	C	800	C	50	B	540	C	1.8^+	C	1
Volcanic	C	12	C	60	C	750	C	50	B	540	C	1.8^+	C	1
Peat	C	12	C	60	C	750	C	50	B	540	C	1.8^+	C	1

*unless a lake is already above this value, in which case the water quality is to not decline

+1.8mm^3/L biovolume equivalent of potentially toxic cyanobacteria or 10mm^3/L total biovolume of all cyanobacteria

Current state data for monitored lakes

Lake	FMU	Median Chlorophyll a (mg/m^3)	Maximum Chlorophyll a (mg/m^3)	Medial total Nitrogen (mg/m^3)	Medial total Phosphorus (mg/m^3)	95th percentile E.coli (E.coli/100ml	80th percentile cyanobacteria (biovolume mm^3/L)
Otamatearoa	Dune	2	8	440	10	0.01	
Waikare	Riverine	91	300	2600	154	0.01	21.0
Whangape	Riverine	57	850	1860	119	0.01	17.0
Ohinewai	Riverine	49	105	2200	110	0.01	
Okowhao	Riverine	50	130	1700	120	0.01	
Hakanoa	Riverine	37	172	1440	96	0.01	3.9
Waahi	Riverine	23	380	1100	62	0.01	0.6
Rotoroa	Peat	9	18	710	21		
Mangahia	Peat	66	120	3030	650	0.22	
Milicich	Peat	29	300	1610	75	0.03	

Maratoto	Peat	8	55	1970	23	0.55	
Mangakaware	Peat	83	230	1770	235	0.04	
Rotomanuka	Peat	11	22	1010	18	0.10	
Serpentine North	Peat	13	74	1280	29	0.04	
Serpentine East	Peat	10	42	1320	26	0.08	
Serpentine South	Peat	17	49	1100	38	0.01	
Ngaroto	Peat						6.4
Tutaeinanga	Volcanic	15	180	1600	160	0.02	
Ngahewa	Volcanic	32	100	950	140	0.01	