

MICROBIOLOGICAL & CHEMICAL GUIDELINES: WATER USE



**COFFS HARBOUR
LABORATORY**

These guidelines are designed to assist you interpret your results.



PARAMETER	UNITS	DRINKING WATER GUIDELINE VALUES		IRRIGATION GUIDELINE	LIVESTOCK GUIDELINE
		HEALTH	AESTHETIC	HEALTH	HEALTH
pH		a	6.5-8.5	4.5-9.0	-
Total Dissolved Solids	mg/L	N/A	500	450	3000
Turbidity	NTU	a	5	-	-
Hardness	mg/L	N/A	200	-	-
Cadmium	mg/L	0.002	-	0.01	0.01
Copper	mg/L	2	1	0.2	0.5
Iron	mg/L	a	0.3	0.2	-
Lead	mg/L	0.01	-	2	0.1
Manganese	mg/L	0.5	0.1	2	-
Zinc	mg/L	a	3	2	20
Arsenic	mg/L	0.007	-	0.1	0.5
Nickel	mg/L	0.02	-	0.2	1
Aluminium	mg/L	a	0.2	5	5
Boron	mg/L	4	-	0.5-6	5
Nitrate	mg/L	50	-	-	400
Nitrite	mg/L	3	-	-	30
Ammonia	mg/L	a	0.5	-	-
Sodium	mg/L	a	180	-	-
Potassium	mg/L	-	-	-	-
Calcium	mg/L	-	-	-	1000
Sodium Adsorption Ratio		-	-	-	-
Chloride	mg/L	N/A	250	30-700	-
Sulphate	mg/L	500	250	1000	-
Total Coliforms	cfu/100mL	0	-	-	-
Faecal Coliforms	cfu/100mL	0	-	1000	100