

Cambridge City South Water Quality Zone (Z2)								
Schedule 1 Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	76	0	0	2.00	2.61	3.00
Turbidity	FTU	4	76	0	0	0.12	0.14	0.64
Odour (quantitative)	Dil Number	0	76	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	76	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	11.40	14.45	19.50
Nitrate (as NO3)	mg/l	50	8	0	0	39.20	42.35	45.50
Nitrite (as NO2)	mg/l	0.1	8	0	0	<0.01	0.01	0.01
Nitrate/Nitrite Ratio	mg/l	1	8	0	0	0.78	0.85	0.91
Aluminium	ug/l	200	8	0	0	6.10	6.10	6.10
Iron	ug/l	200	8	0	0	7.30	7.51	9.00
Manganese	ug/l	50	8	0	0	1.70	1.70	1.70
Copper (New Reg Limit)	mg/l	2	8	0	0	0.03	0.17	0.64
Fluoride	mg/l	1.5	8	0	0	0.13	0.16	0.19
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.00	1.00
Cadmium	ug/l	5	8	0	0	0.12	0.12	0.12
Chromium	ug/l	50	8	0	0	1.00	1.00	1.00
Nickel (New Reg Limit)	ug/l	20	8	0	0	1.20	1.66	2.60
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	0.90	0.90
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.20	0.20
Selenium	ug/l	10	8	0	0	0.80	0.80	0.80
PAH	ug/l	0.1	8	0	0	0.00	0.00	0.00
Escherichia coli	No./100ml	0	204	0	0	0.00	0.00	0.00
Intestinal Enterococci	cfu/100ml	0	8	0	0	0.00	0.00	0.00
Boron (New Reg Limit)	mg/l	1	8	0	0	0.04	0.04	0.04
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	3.56	4.29	5.79
Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH (New Reg Limit) Env		-	76	0	0	7.20	7.41	8.20
Sulphate (as SO4)	mg/l	250	8	0	0	26.40	28.33	30.70
Ammonium (as NH4)	mg/l	0.5	76	0	0	<0.02	0.02	0.06
Total coliforms	No./100ml	0	204	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	76	0	0	0.00	0.64	16.00
Free chlorine	mg/l	-	204	0	0	0.03	0.13	0.24
Conductivity	uS/cm	2500	76	0	0	532.00	594.99	718.00
Chloride	mg/l	250	8	0	0	29.00	41.50	52.00

* All of the samples collected from this zone in 2025 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016.