

Coton Water Quality Zone (Z6)								
Schedule 1 Parameters								
	Units	PCV	Number of Samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Min	Mean	Max
Colour	mg/l Pt/Co	20	53	0	0	2.00	2.51	3.00
Turbidity	FTU	4	53	0	0	0.12	0.12	0.13
Odour (quantitative)	Dil Number	0	53	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	53	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	10.20	13.20	15.70
Nitrate (as NO3)	mg/l	50	8	0	0	37.00	39.16	41.60
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	0.74	0.78	0.83
Aluminium	ug/l	200	8	0	0	6.10	6.20	6.90
Iron	ug/l	200	8	0	0	7.30	7.30	7.30
Manganese	ug/l	50	8	0	0	1.70	1.74	1.90
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.04	0.08
Fluoride	mg/l	1.5	8	0	0	<0.11	0.15	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	0.90	1.58	2.40
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	168	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	6.78	8.97	13.50
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		-	53	0	0	7.20	7.50	8.00
Sulphate (as SO4)	mg/l	250	8	0	0	29.30	32.35	35.10
Ammonium (as NH4)	mg/l	0.5	53	0	0	<0.02	0.02	0.03
Total coliforms	No./100ml	0	168	0	0	0.00	0.00	0.00
3 day count, 22 deg C	cfu/ml	50	53	0	0	0.00	2.25	64.00
Free chlorine	mg/l	-	168	0	0	0.03	0.07	0.17
Conductivity	uS/cm	2500	53	0	0	570.00	594.57	624.00
Chloride	mg/l	250	8	0	0	31.00	36.63	42.00

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