

2018 Reporting Year

Coton Water Quality Zone (Z6)								
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	50	0	0	<1.70	<1.70	1
Turbidity	FTU	1	51	0	0	0.1	0.1	0.1
Odour	Dil Number	0	50	0	0	0	0	0
Taste	Dil Number	0	50	0	0	0	0	0
Sodium	mg/l	200	8	0	0	9.5	11.49	13.5
Nitrate (as NO3)	mg/l	50	8	0	0	36.2	38.21	40.3
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	0.73	0.77	0.81
Aluminium	ug/l	-	8	0	0	5	5	5
Iron	ug/l	200	8	0	0	<4.00	4.38	6.9
Manganese	ug/l	50	8	0	0	0.9	1.85	8.5
Copper	mg/l	2	8	0	0	0.01	0.10	0.41
Fluoride	ug/l	1500	8	0	0	0.17	0.18	0.21
Arsenic	ug/l	10	8	0	0	0.5	0.5	0.5
Cadmium	ug/l	5	8	0	0	<0.10	<0.10	0.06
Chromium	ug/l	50	8	0	0	<0.70	<0.70	0.35
Nickel	ug/l	20	8	0	0	1.1	2.07	4
Lead	ug/l	10	8	0	0	0.5	0.64	1.5
Antimony	ug/l	5	8	0	0	<0.10	<0.10	0.1
Selenium	ug/l	10	8	0	0	0.8	0.88	1
PAH	ug/l	0.1	9	0	0	0	0	0
Escherichia coli	No./100ml	0	146	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	8	0	0	0	0	0
Boron	mg/l	1	8	0	0	0.05	0.05	0.05
Benzo(a)pyrene	ug/l	0.01	9	0	0	<0.002	<0.002	<0.002
Trihalomethanes (total)	ug/l	100	9	0	0	5.1	8.5478	12.4
Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	50	0	0	7.2	7.51	8.1
Sulphate (as SO4)	mg/l	250	8	0	0	25.8	28.28	31
Ammonium (as NH4)	mg/l	0.5	50	0	0	0.04	0.04	0.04
Total coliforms	No./100ml	0	146	0	0	0	0	0
Free chlorine	mg/l	-	147	0	0	0.03	0.05	0.5
Conductivity	uS/cm	2500	50	0	0	520	583.06	660
Chloride	mg/l	250	8	0	0	27	31.5	35
* All of the samples collected from this zone in 2018 complied with the Water Supply (Water Quality) (Amendment) Regulations 2018.								