

2018 Reporting Year

Bluntisham Water Quality Zone (Z9)								
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	37	0	0	<1.70	<1.70	1
Turbidity	FTU	1	37	0	0	0.1	0.13	0.82
Odour	Dil Number	0	37	0	0	0	0	0
Taste	Dil Number	0	37	0	0	0	0	0
Sodium	mg/l	200	8	0	0	9.7	10.93	16.1
Nitrate (as NO3)	mg/l	50	8	0	0	36.2	37	38.4
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	0.74	0.77
Aluminium	ug/l	-	8	0	0	5	5.16	6.3
Iron	ug/l	200	8	0	0	<4.00	4.14	6.6
Manganese	ug/l	50	8	0	0	0.9	0.9	0.9
Copper	mg/l	2	8	0	0	0.00	0.03	0.09
Fluoride	mg/l	1.5	8	0	0	0.17	0.18	0.20
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	<0.80	1.325	1.9
Lead	ug/l	10	8	0	0	0.5	0.5	0.5
Antimony	ug/l	5	8	0	0	<0.10	<0.10	0.1
Selenium	ug/l	10	8	0	0	0.7	0.88	1.12
PAH	ug/l	0.1	8	0	0	0	0	0
Escherichia coli	No./100ml	0	98	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	8	0	0	<0.002	<0.002	<0.002
Trihalomethanes (total)	ug/l	100	8	0	0	1.3	9.96	11.7

Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	37	0	0	7.2	7.55	8.1
Sulphate (as SO4)	mg/l	250	8	0	0	24.8	27.41	29.8
Ammonium (as NH4)	mg/l	0.5	37	0	0	0.04	0.04	0.04
Total coliforms	No./100ml	0	98	0	0	0	0	0
Free chlorine	mg/l	-	98	0	0	0.03	0.07	0.17
Conductivity	uS/cm	2500	37	0	0	505	567.92	623
Chloride	mg/l	250	8	0	0	26	28.38	31

* All of the samples collected from this zone in 2018 complied with the Water Supply (Water Quality) (Amendment) Regulations 2018.