

2018 Reporting Year

Cambridge North Water Quality Zone (Z1)								
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	54	0	0	<1.70	<1.70	1.00
Turbidity	FTU	1	54	0	0	0.10	0.10	0.12
Odour	Dil Number	0	54	0	0	0	0	0
Taste	Dil Number	0	55	0	0	0	0	0
Sodium	mg/l	200	8	0	0	9	14.11	18
Nitrate (as NO3)	mg/l	50	8	0	0	38.3	40.13	43.1
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	0.77	0.80	0.86
Aluminium	ug/l	-	8	0	0	5	5	5
Iron	ug/l	200	8	0	0	<4.00	5.94	10.4
Manganese	ug/l	50	8	0	0	0.9	0.9	0.9
Copper	mg/l	2	8	0	0	0.018	0.098	0.184
Fluoride	mg/l	1.5	8	0	0	0.15	0.17	0.22
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	1.81	3.00
Lead	ug/l	10	9	0	0	0.5	1.59	7.4
Antimony	ug/l	5	8	0	0	<0.10	<0.10	0.1
Selenium	ug/l	10	8	0	0	0.9	1.15	1.4
PAH	ug/l	0.1	8	0	0	0	0	0
Escherichia coli	No./100ml	0	147	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	3.8	5.64	8

Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	54	0	0	7.2	7.44	8.2
Sulphate (as SO4)	mg/l	250	8	0	0	25.4	32.64	39
Ammonium (as NH4)	mg/l	0.5	54	0	0	0.04	0.04	0.04
Total coliforms	No./100ml	0	147	0	0	0	0	0
Free chlorine	mg/l	-	147	0	0	0.03	0.07	0.16
Conductivity	uS/cm	2500	54	0	0	516	606.35	744
Chloride	mg/l	250	8	0	0	28	38.63	45

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