

2018 Reporting Year

Earith Bridge Water Quality Zone (Z10)								
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	1	0	0	<1.70	<1.70	1
Turbidity	FTU	1	1	0	0	0.1	0.1	0.1
Odour	Dil Number	0	1	0	0	0	0	0
Taste	Dil Number	0	1	0	0	0	0	0
Sodium	mg/l	200	1	0	0	19.2	19.2	19.2
Nitrate (as NO3)	mg/l	50	1	0	0	31	31	31
Nitrite (as NO2)	mg/l	0.1	2	0	0	<0.01	<0.01	<0.01
Nitrate/Nitrite Ratio	mg/l	1	1	0	0	0.62	0.62	0.62
Aluminium	ug/l	-	1	0	0	5	5	5
Iron	ug/l	200	1	0	0	4.4	4.4	4.4
Manganese	ug/l	50	1	0	0	0.9	0.9	0.9
Copper	mg/l	2	1	0	0	0.06	0.06	0.06
Fluoride	mg/l	1.5	1	0	0	0.16	0.16	0.16
Arsenic	ug/l	10	1	0	0	0.5	0.5	0.5
Cadmium	ug/l	5	1	0	0	<0.10	<0.10	0.06
Chromium	ug/l	50	1	0	0	<0.70	<0.70	0.35
Nickel	ug/l	20	1	0	0	2.8	2.8	2.8
Lead	ug/l	10	2	0	0	0.5	0.5	0.5
Antimony	ug/l	5	1	0	0	<0.10	<0.10	0.1
Selenium	ug/l	10	1	0	0	0.9	0.9	0.9
Escherichia coli	No./100ml	0	3	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	1	0	0	0	0	0
Boron	mg/l	1	1	0	0	0.05	0.05	0.05
Trihalomethanes (total)	ug/l	100	1	0	0	19	19	19
Bromate	ug/l	10	1	0	0	<0.50	<0.50	0.4

Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	1	0	0	7.8	7.8	7.8
Sulphate (as SO4)	mg/l	250	1	0	0	24.4	24.4	24.4
Ammonium (as NH4)	mg/l	0.5	1	0	0	0.04	0.04	0.04
Total coliforms	No./100ml	0	3	0	0	0	0	0
Clostridium perfringens	No./100ml	0	1	0	0	0	0	0
Free chlorine	mg/l	-	3	0	0	0.03	0.16	0.25
Conductivity	uS/cm	2500	1	0	0	555	555	555
Chloride	mg/l	250	1	0	0	55	55	55

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