

Earith Bridge Water Quality Zone (Z10)								
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	2	0	0	2.00	2.50	3.00
Turbidity	FTU	4	2	0	0	0.12	0.13	0.13
Odour (quantitative)	Dil Number	0	2	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	2	0	0	0.00	0.00	0.00
Sodium	mg/l	200	1	0	0	29.40	29.40	29.40
Nitrate (as NO3)	mg/l	50	1	0	0	30.40	30.40	30.40
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	0.61	0.61	0.61
Aluminium	ug/l	200	1	0	0	6.10	6.10	6.10
Iron	ug/l	200	1	0	0	7.30	7.30	7.30
Manganese	ug/l	50	1	0	0	1.70	1.70	1.70
Copper (New Reg Limit)	mg/l	2	1	0	0	0.14	0.14	0.14
Fluoride	mg/l	1.5	1	0	0	0.12	0.12	0.12
Arsenic (New Regs Limit)	ug/l	10	1	0	0	1.00	1.00	1.00
Cadmium	ug/l	5	1	0	0	0.12	0.12	0.12
Chromium	ug/l	50	1	0	0	1.00	1.00	1.00
Nickel (New Reg Limit)	ug/l	20	1	0	0	3.00	3.00	3.00
Lead (New Reg Limit)	ug/l	10	1	0	0	0.90	0.90	0.90
Antimony (New Reg Limit)	ug/l	5	1	0	0	0.20	0.20	0.20
Selenium	ug/l	10	1	0	0	0.80	0.80	0.80
PAH	ug/l	0.1	1	0	0	0.00	0.00	0.00
Escherichia coli	No./100ml	0	5	0	0	0.00	0.00	0.00
Intestinal Enterococci	cfu/100ml	0	1	0	0	0.00	0.00	0.00
Boron (New Reg Limit)	mg/l	1	1	0	0	0.04	0.04	0.04
Benzo(a)pyrene	ug/l	0.01	1	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	1	0	0	20.80	20.80	20.80
Bromate	ug/l	10	1	0	0	0.80	0.80	0.80
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		-	2	0	0	7.60	7.65	7.70
Sulphate (as SO4)	mg/l	250	1	0	0	26.40	26.40	26.40
Ammonium (as NH4)	mg/l	0.5	2	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	5	0	0	0.00	0.00	0.00
Clostridium perfringens	No./100ml	0	1	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	2	0	0	0.00	1.00	2.00
Free chlorine	mg/l	-	5	0	0	0.03	0.10	0.21
Conductivity	uS/cm	2500	2	0	0	622.00	627.50	633.00
Chloride	mg/l	250	1	0	0	78.00	78.00	78.00
* All of the samples collected from this zone in 2025 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016.								