

Glascote East Water Quality Zone (GLAE)								
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	36	0	0	2.00	2.50	3.00
Turbidity	FTU	4	36	0	0	0.12	0.13	0.33
Odour (quantitative)	Dil Number	0	36	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	36	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	16.90	20.81	26.20
Nitrate (as NO3)	mg/l	50	8	0	0	17.20	21.83	27.70
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	0.34	0.44	0.55
Aluminium	ug/l	200	36	0	0	6.10	7.29	22.80
Iron	ug/l	200	36	0	0	7.30	11.44	103.00
Manganese	ug/l	50	36	0	0	1.70	1.78	3.20
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.03	0.11
Fluoride	mg/l	1.5	8	0	0	0.52	0.69	0.94
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.01	1.10
Cadmium	ug/l	5	9	0	0	0.12	0.12	0.12
Chromium	ug/l	50	9	0	0	1.00	1.00	1.00
Nickel (New Reg Limit)	ug/l	20	8	0	0	0.90	1.09	1.60
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	2.04	6.40
Antimony (New Reg Limit)	ug/l	5	7	0	0	0.20	0.33	0.50
Selenium	ug/l	10	8	0	0	0.80	0.80	0.80
PAH	ug/l	0.1	8	0	0	0.00	0.00	0.00
Escherichia coli	No./100ml	0	108	0	0	0.00	0.00	0.00
Intestinal Enterococci	cfu/100ml	0	8	0	0	0.00	0.00	0.00
Boron (New Reg Limit)	mg/l	1	8	0	0	0.06	0.06	0.07
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	31.10	46.54	61.00
Bromate	ug/l	10	8	0	0	0.80	1.23	4.20
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		-	36	0	0	7.20	7.39	8.10
Sulphate (as SO4)	mg/l	250	8	0	0	52.20	62.94	73.60
Ammonium (as NH4)	mg/l	0.5	36	0	0	<0.02	0.02	0.03
Total coliforms	No./100ml	0	108	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	36	0	0	0.00	3.58	37.00
Free chlorine	mg/l	-	108	0	0	0.03	0.11	0.34
Total chlorine	mg/l	-	108	0	0	0.06	0.23	0.61
Conductivity	uS/cm	2500	36	0	0	451.00	532.89	610.00
Chloride	mg/l	250	8	0	0	49.00	61.50	73.00

* All of the samples collected from this zone in 2025 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016. Supplies to this zone are fluoridated up to a level of 1.5 mg/l