

Glascote West Water Quality Zone (GLAW)

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	2.47	3.00
Turbidity	FTU	4	36	0	0	0.12	0.13	0.15
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	17.60	22.45	36.30
Nitrate (as NO3)	mg/l	50	8	0	0	16.20	23.03	26.40
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	0.32	0.46	0.53
Aluminium	ug/l	200	36	0	0	6.10	6.93	17.40
Iron	ug/l	200	36	0	0	7.30	8.44	15.70
Manganese	ug/l	50	36	0	0	1.70	1.77	3.20
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.04	0.17
Fluoride	mg/l	1.5	8	0	0	0.82	0.91	0.98
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.01	1.10
Cadmium	ug/l	5	8	0	0	0.12	0.12	0.12
Chromium	ug/l	50	8	0	0	1.00	1.03	1.10
Nickel (New Reg Limit)	ug/l	20	8	0	0	0.90	1.20	1.90
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	1.13	2.40
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.31	0.40
Selenium	ug/l	10	8	0	0	0.80	0.81	0.90
PAH	ug/l	0.1	8	0	0	0.00	0.00	0.00
Escherichia coli	No./100ml	0	120	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	0.05	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	30.90	42.73	53.00
Bromate	ug/l	10	8	0	0	0.80	0.93	1.80

Indicator Parameters

Master 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	7.38	7.80
Sulphate (as SO4)	mg/l	250	8	0	0	46.60	60.60	73.50
Ammonium (as NH4)	mg/l	0.5	36	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	120	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	36	0	0	0.00	3.44	61.00
Free chlorine	mg/l	-	120	0	0	0.03	0.13	0.52
Total chlorine	mg/l	-	120	0	0	0.03	0.26	0.63
Conductivity	uS/cm	2500	36	0	0	428.00	523.86	625.00
Chloride	mg/l	250	8	0	0	47.00	57.75	78.00

* 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