



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	2.06	3.00
Turbidity	FTU	4	36	0	0	0.12	0.12	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	16.10	17.41	18.90
Nitrate (as NO3)	mg/l	50	8	0	0	20.40	23.70	28.20
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	0.41	0.47	0.56
Aluminium	ug/l	200	36	0	0	6.10	9.21	70.30
Iron	ug/l	200	36	0	0	7.30	7.42	9.00
Manganese	ug/l	50	36	0	0	1.70	1.70	1.80
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.02	0.10
Fluoride	mg/l	1.5	8	0	0	0.30	0.52	0.71
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.00	1.00
Cadmium	ug/l	5	8	0	0	0.12	0.12	0.12
Chromium	ug/l	50	8	0	0	<0.70	<0.70	1.00
Nickel (New Reg Limit)	ug/l	20	8	0	0	0.90	1.18	2.90
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	0.96	1.20
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.30	0.40
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	0.05	0.06	0.06
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	35.60	42.48	53.00
Bromate	ug/l	10	8	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		-	36	0	0	7.20	7.33	7.60
Sulphate (as SO4)	mg/l	250	8	0	0	46.40	55.30	59.80
Ammonium (as NH4)	mg/l	0.5	36	0	0	<0.02	0.02	0.04
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	1.83	19.00
Free chlorine	mg/l	-	108	0	0	0.03	0.07	0.18
Total chlorine	mg/l	-	108	0	0	0.07	0.19	0.36
Conductivity	uS/cm	2500	36	0	0	428.00	539.03	584.00
Chloride	mg/l	250	8	0	0	52.00	61.75	67.00
* All of the samples collected from this zone in 2024 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								