

2014 Reporting Year

Glascote Water Quality Zone (GLA)								
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	76	0	0	<0.90	2.49	5.8
Turbidity	FTU	4	76	0	0	<0.08	0.172	0.41
Odour	Dil Number	0	76	0	0	0	0	0
Taste	Dil Number	0	76	0	0	0	0	0
Sodium	mg/l	200	11	0	0	16.8	22.74	28.7
Nitrate (as NO3)	mg/l	50	11	0	0	20.2	24.21	30.3
Nitrite (as NO2)	mg/l	0.1	11	0	0	<0.007	<0.007	<0.007
Nitrate/Nitrite Ratio	mg/l	1	11	0	0	0.405	0.485	0.61
Aluminium	ug/l	200	76	0	0	4.03	13.29	59.3
Iron	ug/l	200	76	0	0	<4.0	9.79	54.9
Manganese	ug/l	50	76	0	0	<2.0	2.04	10.8
Copper	mg/l	2	11	0	0	<0.004	0.027	0.104
Fluoride	mg/l	1.5	11	0	0	0.82	0.969	1.1
Arsenic	ug/l	10	11	0	0	0.73	0.961	1.21
Cadmium	ug/l	5	11	0	0	<0.10	<0.10	<0.10
Chromium	ug/l	50	11	0	0	<0.70	<0.70	<0.70
Nickel	ug/l	20	11	0	0	0.8	0.84	1.05
Lead	ug/l	10	11	0	0	<0.10	0.181	1.52
Antimony	ug/l	5	11	0	0	0.21	0.39	0.52
Selenium	ug/l	10	11	0	0	0.35	0.435	0.57
PAH	ug/l	0.1	11	0	0	0	0	0
Escherichia coli	No./100ml	0	217	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	11	0	0	0	0	0
Boron	mg/l	1	11	0	0	0.03	0.066	0.078
Benzo(a)pyrene	ug/l	0.01	12	0	0	<0.0005	<0.0005	<0.0005
Trihalomethanes (total)	ug/l	100	11	0	0	27.2	40.14	53.4
Bromate	ug/l	10	11	0	0	<0.50	<0.50	0.8
Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	76	0	0	6.96	7.38	7.7
Sulphate (as SO4)	mg/l	250	11	0	0	59.9	67.65	77.2
Ammonium (as NH4)	mg/l	0.5	76	0	0	<0.064	<0.064	<0.064
Total coliforms	No./100ml	0	217	0	0	0	0	0
3 day count,22 deg C	cfu/ml	-	75	0	0	0	7.6	300
Total chlorine	mg/l	-	218	0	0	0.08	0.193	0.38
2 day count,37 deg C	cfu/ml	-	75	0	0	0	2.78	67
Conductivity	uS/cm	2500	76	0	0	17	526.82	634
Chloride	mg/l	250	11	0	0	45	51.45	68

* All of the samples collected from this zone in 2014 complied with the Water Supply (Water Quality) Regulations 2010. Supplies to this zone are fluoridated up to a level of 1mg/l.