

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2021 to 31 December 2021
Water Supply Zone: 412
Water Supply Zone Area: Kingswood, Fishponds and Mangotsfield
Water Supply Zone Population: 58,105

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	53		6.90	10.24	20.70	200	ugAl/l
Antimony Total	9		0.12	0.21	0.40		µgSb/l
Arsenic Total	9		0.14	0.31	0.49	10	µgAs/l
Benzo(a)Pyrene	9		< 0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9		0.15	1.91	4.10	10	µgBrO3/l
Cadmium Total	9		< 0.01	0.03	0.03		µgCd/l
Colour	54		< 2.90	2.92	3.50	20	mg/l Pt/Co
Chromium Total	9		< 0.04	0.18	0.25		µgCr/l
First Draw Copper	9		0.98	10.42	37.40	2000	µg/l
E.Coli Confirmed	148		0.00	0.00	0.00		cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00	0	cfu/100mL
Total Iron	52		3.72	12.62	78.00	200	µgFe/l
First Draw Pb	9	1	0.02	2.25	18.30	10	µgPb/l
Total Manganese	52		< 0.30	0.70	4.11	50	µgMn/l
First Draw Nickel	9		0.77	1.40	4.34	20	µgNi/l
Nitrate as NO3	9		15.92	20.66	28.78		mgNO3/l
Nitrite as NO2 (consumer tap)	9		< 0.00	0.00	0.02		mgNO2/l
Odour Dilution Number	53	2	0.00	0.08	3.00	0	-
PAH Total	9		0.00	0.00	0.00	0.1	µg/l
Selenium Total	9		< 0.28	0.32	0.38	10	µgSe/l
Sodium	9		26.00	34.47	56.20	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		15.15	23.40	44.97	100	µg/l
Turbidity (Treated)	53		< 0.13	0.17	0.36	4	ntu
Hydrogen ion (pH)	54		7.22	7.47	7.67	9.5	pH units

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Ammonium Total	52		< 0.01	0.01	0.02		mgNH4/l
Colony Count after 3 days @22C	148		0.00	1.37	58.00		cfu/mL
Total Coliforms (Indicator)	148	1	0.00	0.03	4.00	0	cfu/100mL
Field Free Chlorine	148		0.07	0.52	0.92		mg/L
Field Total Chlorine	148		0.21	0.63	1.04		mg/L