

**PUBLIC REGISTER OF INFORMATION**
**Water Quality Summary Date Range:** 01 January 2020 to 31 December 2020

**Water Supply Zone:** 412

**Water Supply Zone Area:** Kingswood, Fishponds and Mangotsfield

**Water Supply Zone Population:** 58,099

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52		< 6.90	11.15	24.20	200	ugAl/l
Antimony Total	8		0.16	0.29	0.58		µgSb/l
Arsenic Total	8		0.20	0.28	0.47	10	µgAs/l
Benzo(a)Pyrene	10		< 0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9		0.15	1.49	3.50	10	µgBrO3/l
Cadmium Total	8		< 0.01	0.02	0.03		µgCd/l
Colour	52		< 2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8		0.09	0.17	0.26		µgCr/l
First Draw Copper	10		1.80	11.16	35.90	2000	µg/l
E.Coli Confirmed	145		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	52		< 3.72	9.96	30.70	200	µgFe/l
First Draw Pb	10		< 0.02	0.07	0.21	10	µgPb/l
Total Manganese	52		0.30	2.13	19.00	50	µgMn/l
First Draw Nickel	10		0.80	1.11	1.59	20	µgNi/l
Nitrate as NO3	8		17.49	21.09	25.78		mgNO3/l
Nitrite as NO2 (consumer tap)	8		0.00	0.01	0.04		mgNO2/l
Odour Dilution Number	52	1	0.00	0.02	1.00	0	-
PAH Total	10		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		0.17	0.29	0.33	10	µgSe/l
Sodium	8		20.70	32.25	48.20	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		2.57	21.17	44.84	100	µg/l
Turbidity (Treated)	52		< 0.15	0.21	0.67	4	ntu
Hydrogen ion (pH)	52		7.14	7.60	8.09	9.5	pH units

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### Prescribed Concentration Values

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	52		< 0.00	0.01	0.08		mgNH4/l
Colony Count after 3 days @22C	145		0.00	1.03	70.00		cfu/mL
Colony Count after 2 days @37C	46		0.00	2.50	67.00		cfu/mL
Total Coliforms (Indicator)	145		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	145		0.05	0.39	0.74		mg/L
Field Total Chlorine	145		0.05	0.49	0.91		mg/L