

**PUBLIC REGISTER OF INFORMATION**

**Water Quality Summary Date Range:** 01 January 2021 to 31 December 2021  
**Water Supply Zone:** 407  
**Water Supply Zone Area:** Clifton, Horfield, Redland and Kingsdown  
**Water Supply Zone Population:** 72,772

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	54		6.90	17.88	90.00	200	ugAl/l
Antimony Total	8		0.12	0.19	0.31		µgSb/l
Arsenic Total	8		0.30	0.55	0.81	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.15	0.92	2.40	10	µgBrO3/l
Cadmium Total	8	<	0.01	0.03	0.06		µgCd/l
Colour	53	<	2.90	2.91	3.00	20	mg/l Pt/Co
Chromium Total	8	<	0.04	0.16	0.21		µgCr/l
First Draw Copper	8		1.17	12.16	37.00	2000	µg/l
E.Coli Confirmed	183		0.00	0.00	0.00		cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	53	<	3.72	12.03	86.70	200	µgFe/l
First Draw Pb	8		0.04	0.86	2.38	10	µgPb/l
Total Manganese	52		0.33	1.58	11.20	50	µgMn/l
First Draw Nickel	8		0.74	0.94	1.24	20	µgNi/l
Nitrate as NO3	8		7.78	16.06	22.91		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	52		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		0.16	0.27	0.32	10	µgSe/l
Sodium	8		18.90	27.19	34.50	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		20.13	29.57	45.59	100	µg/l
Turbidity (Treated)	52		0.13	0.20	0.54	4	ntu
Hydrogen ion (pH)	52		7.37	7.57	7.72	9.5	pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	54		< 0.01	0.01	0.03		mgNH4/l
Colony Count after 3 days @22C	183		0.00	2.88	300.00		cfu/mL
Total Coliforms (Indicator)	183		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	183		0.10	0.50	0.75		mg/L
Field Total Chlorine	183		0.26	0.63	0.92		mg/L