

**PUBLIC REGISTER OF INFORMATION**
**Water Quality Summary Date Range:** 01 January 2021 to 31 December 2021

**Water Supply Zone:** 415

**Water Supply Zone Area:** Yate, Coalpit Heath and Warmley

**Water Supply Zone Population:** 65,941

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52		6.90	10.23	23.20	200	ugAl/l
Antimony Total	9		0.12	0.30	0.50		µgSb/l
Arsenic Total	9		0.15	0.27	0.45	10	µgAs/l
Benzo(a)Pyrene	9		< 0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9		0.77	2.63	4.30	10	µgBrO3/l
Cadmium Total	9		< 0.01	0.03	0.03		µgCd/l
Colour	52		< 2.90	2.90	3.00	20	mg/l Pt/Co
Chromium Total	9		< 0.13	0.18	0.20		µgCr/l
First Draw Copper	9		0.49	1.54	5.19	2000	µg/l
E.Coli Confirmed	168		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00	0	cfu/100mL
Total Iron	52		3.72	15.19	85.10	200	µgFe/l
First Draw Pb	8		< 0.02	0.04	0.06	10	µgPb/l
Total Manganese	52		0.30	1.03	4.59	50	µgMn/l
First Draw Nickel	9		0.49	1.08	1.77	20	µgNi/l
Nitrate as NO3	9		17.88	22.40	30.92		mgNO3/l
Nitrite as NO2 (consumer tap)	9		< 0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	54	1	0.00	0.06	3.00	0	-
PAH Total	9		0.00	0.00	0.00	0.1	µg/l
Selenium Total	9		< 0.27	0.31	0.32	10	µgSe/l
Sodium	9		26.80	39.61	57.30	200	mgNa/l
Taste Dilution Number	54		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		9.70	20.49	31.58	100	µg/l
Turbidity (Treated)	52		0.13	0.19	0.36	4	ntu
Hydrogen ion (pH)	52		7.21	7.45	7.68	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		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	168		0.00	1.88	81.00		cfu/mL
Total Coliforms (Indicator)	168		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	170		0.05	0.58	0.91		mg/L
Field Total Chlorine	170		0.14	0.69	1.06		mg/L