

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

Water Supply Zone: 415

Water Supply Zone Area: Yate, Coalpit Heath and Warmley

Water Supply Zone Population: 65,678

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52	<	6.90	12.73	34.40	200	ugAl/l
Antimony Total	7		0.16	0.28	0.44		µgSb/l
Arsenic Total	7		0.19	0.28	0.41	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	7		0.67	2.67	6.10	10	µgBrO3/l
Cadmium Total	7	<	0.01	0.02	0.03		µgCd/l
Colour	51	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	7		0.04	0.18	0.34		µgCr/l
First Draw Copper	9		0.36	1.16	2.50	2000	µg/l
E.Coli Confirmed	155		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	7		0.00	0.00	0.00	0	cfu/100mL
Total Iron	52		3.72	17.71	61.60	200	µgFe/l
First Draw Pb	9		0.02	0.06	0.14	10	µgPb/l
Total Manganese	52		0.30	0.87	1.95	50	µgMn/l
First Draw Nickel	9		0.77	0.90	1.12	20	µgNi/l
Nitrate as NO3	7		16.65	21.36	29.40		mgNO3/l
Nitrite as NO2 (consumer tap)	7	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	51		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	7		0.17	0.25	0.32	10	µgSe/l
Sodium	7		22.90	37.40	50.60	200	mgNa/l
Taste Dilution Number	51		0.00	0.00	0.00	0	-
Total Trihalomethanes	7		11.16	20.13	31.04	100	µg/l
Turbidity (Treated)	52		0.15	0.23	0.45	4	ntu
Hydrogen ion (pH)	52		7.06	7.48	7.68	9.5	pH units

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Ammonium Total	51		< 0.01	0.01	0.07		mgNH4/l
Colony Count after 3 days @22C	155		0.00	1.59	181.00		cfu/mL
Colony Count after 2 days @37C	49		0.00	1.29	52.00		cfu/mL
Total Coliforms (Indicator)	155		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	155		0.11	0.52	0.95		mg/L
Field Total Chlorine	155		0.18	0.64	1.12		mg/L