

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2022 to 30 June 2023
 Water Supply Zone: 415
 Water Supply Zone Area: Yate, Coalpit Heath and Warmley
 Water Supply Zone Population: 66,155

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	51		6.90	12.14	54.90	200	ugAl/l
Antimony Total	9		0.13	0.31	0.56		µgSb/l
Arsenic Total	9		0.15	0.31	0.62	10	µgAs/l
Benzo(a)Pyrene	9	<	0.42	0.54	0.57	10	ng/L
Bromate as BrO3	9		0.15	1.21	3.00	10	µgBrO3/l
Cadmium Total	9	<	0.01	0.03	0.03		µgCd/l
Colour	52	<	3.00	3.00	3.00	20	mg/l Pt/Co
Chromium Total	9		0.10	0.17	0.21		µgCr/l
First Draw Copper	9		0.51	10.61	32.20	2000	µg/l
E.Coli Confirmed	170		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00	0	cfu/100mL
Total Iron	54		3.72	10.42	49.10	200	µgFe/l
First Draw Pb	9		0.03	1.14	5.30	10	µgPb/l
Total Manganese	54		0.30	0.91	4.79	50	µgMn/l
First Draw Nickel	9		0.68	2.11	5.98	20	µgNi/l
Nitrate as NO3	9		17.10	24.79	36.60		mgNO3/l
Nitrite as NO2 (consumer tap)	9	<	0.00	0.00	0.01		mgNO2/l
Odour Dilution Number	53		0.00	0.00	0.00	0	-
PAH Total	9		0.00	0.00	0.00	0.1	µg/l
Selenium Total	9		0.25	0.31	0.32	10	µgSe/l
Sodium	9		25.80	43.23	71.50	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		10.90	28.17	49.06	100	µg/l
Turbidity (Treated)	52		0.13	0.18	0.51	4	ntu
Hydrogen ion (pH)	51		7.23	7.58	7.76	9.5	pH units

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Ammonium Total	53		< 0.01	0.01	0.03		mgNH4/l
Colony Count after 3 days @22C	170		0.00	7.66	300.00		cfu/mL
Total Coliforms (Indicator)	170		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	170		0.05	0.51	1.06		mg/L
Field Total Chlorine	170		0.10	0.65	1.20		mg/L