

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range:	01 July 2022 to 30 June 2023
Water Supply Zone:	419
Water Supply Zone Area:	Churchil, Banwell, Bleadon and Weston-Super-Mare
Water Supply Zone Population:	58,107

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52	<	6.90	8.85	39.00	200	ugAl/l
Antimony Total	9		0.08	0.11	0.15		µgSb/l
Arsenic Total	9		1.11	1.50	2.16	10	µgAs/l
Benzo(a)Pyrene	9	<	0.42	0.60	1.14	10	ng/L
Bromate as BrO3	9	<	0.10	0.15	0.20	10	µgBrO3/l
Cadmium Total	9		0.06	0.30	0.40		µgCd/l
Colour	51	<	3.00	3.01	3.30	20	mg/l Pt/Co
Chromium Total	9	<	0.10	0.18	0.21		µgCr/l
First Draw Copper	9		1.31	21.34	39.10	2000	µg/l
E.Coli Confirmed	143		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	4.43	13.70	200	µgFe/l
First Draw Pb	8		0.04	0.89	3.14	10	µgPb/l
Total Manganese	51		0.30	0.71	4.03	50	µgMn/l
First Draw Nickel	9		0.22	0.66	1.06	20	µgNi/l
Nitrate as NO3	9		5.78	10.68	15.10		mgNO3/l
Nitrite as NO2 (consumer tap)	9	<	0.00	0.00	0.00		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	<	0.18	0.30	0.32	10	µgSe/l
Sodium	9		9.20	13.16	25.50	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		14.89	23.00	34.13	100	µg/l
Turbidity (Treated)	52		0.13	0.16	0.40	4	ntu
Hydrogen ion (pH)	51		7.37	7.62	7.81	9.5	pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	52		< 0.01	0.01	0.17		mgNH4/l
Colony Count after 3 days @22C	143		0.00	4.57	125.00		cfu/mL
Total Coliforms (Indicator)	143	1	0.00	0.01	1.00	0	cfu/100mL
Field Free Chlorine	143		0.05	0.41	0.82		mg/L
Field Total Chlorine	143		0.05	0.63	16.90		mg/L