

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2021 to 31 December 2021
Water Supply Zone: 419
Water Supply Zone Area: Churchil, Banwell, Bleadon and Weston-Super-Mare
Water Supply Zone Population: 56,782

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	53	<	6.90	8.81	22.70	200	ugAl/l
Antimony Total	8		0.07	0.07	0.09		µgSb/l
Arsenic Total	8		1.04	1.29	1.56	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8	<	0.15	0.15	0.15	10	µgBrO3/l
Cadmium Total	8		0.25	0.36	0.43		µgCd/l
Colour	52	<	2.90	2.90	3.00	20	mg/l Pt/Co
Chromium Total	8	<	0.12	0.19	0.25		µgCr/l
First Draw Copper	8		0.96	25.69	57.20	2000	µg/l
E.Coli Confirmed	143		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	52	<	3.72	4.60	28.00	200	µgFe/l
First Draw Pb	8		0.05	1.83	6.54	10	µgPb/l
Total Manganese	52		0.30	0.43	0.85	50	µgMn/l
First Draw Nickel	8		0.45	0.66	0.87	20	µgNi/l
Nitrate as NO3	8		6.54	11.13	13.87		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	<	0.32	0.32	0.32	10	µgSe/l
Sodium	8		8.23	9.37	10.80	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		12.03	15.89	23.14	100	µg/l
Turbidity (Treated)	52		0.13	0.17	0.38	4	ntu
Hydrogen ion (pH)	52		7.22	7.56	7.72	9.5	pH units

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Ammonium Total	52		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	143		0.00	6.20	300.00		cfu/mL
Total Coliforms (Indicator)	143	1	0.00	0.06	8.00	0	cfu/100mL
Field Free Chlorine	143		0.09	0.42	0.67		mg/L
Field Total Chlorine	143		0.20	0.49	0.80		mg/L