

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2020 to 30 June 2021
Water Supply Zone: 419
Water Supply Zone Area: Churchil, Banwell, Bleadon and Weston-Super-Mare
Water Supply Zone Population: 56,304

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52	<	6.90	8.54	14.50	200	ugAl/l
Antimony Total	8	<	0.07	0.08	0.09		µgSb/l
Arsenic Total	8		0.94	1.27	1.74	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	0.34	0.40		µgCd/l
Colour	52	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8		0.07	0.20	0.45		µgCr/l
First Draw Copper	10		0.86	6.79	14.90		µg/l
E.Coli Confirmed	144		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	53		3.72	4.85	28.00	200	µgFe/l
First Draw Pb	10		0.16	1.65	6.54	10	µgPb/l
Total Manganese	53		0.30	0.48	1.10	50	µgMn/l
First Draw Nickel	10		0.28	0.60	0.87	20	µgNi/l
Nitrate as NO3	8		6.28	10.91	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		0.18	0.29	0.35	10	µgSe/l
Sodium	8		8.86	9.69	10.80	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		12.03	16.90	23.14	100	µg/l
Turbidity (Treated)	52	<	0.13	0.18	0.39	4	ntu
Hydrogen ion (pH)	52		7.22	7.58	7.71	9.5	pH units

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Ammonium Total	52		< 0.01	0.01	0.02		mgNH4/l
Colony Count after 3 days @22C	144		0.00	3.19	300.00		cfu/mL
Total Coliforms (Indicator)	144	1	0.00	0.06	8.00	0	cfu/100mL
Field Free Chlorine	144		0.06	0.33	0.66		mg/L
Field Total Chlorine	144		0.10	0.40	0.80		mg/L