

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020
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	9.18	70.00	200	ugAl/l
Antimony Total	8	<	0.07	0.08	0.11		µgSb/l
Arsenic Total	8		0.88	1.21	1.74	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.73	1.83	10	ng/L
Bromate as BrO3	8	<	0.15	0.15	0.15	10	µgBrO3/l
Cadmium Total	8		0.03	0.27	0.39		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	15.63	56.40	2000	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	52	<	3.72	4.23	10.10	200	µgFe/l
First Draw Pb	10		0.04	0.56	1.92		µgPb/l
Total Manganese	52		0.30	0.47	1.31	50	µgMn/l
First Draw Nickel	10		0.28	0.58	0.77	20	µgNi/l
Nitrate as NO3	8		6.28	11.47	16.57		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	0.03	0.1	µg/l
Selenium Total	8		0.18	0.28	0.35	10	µgSe/l
Sodium	8		8.86	10.53	16.50	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		0.00	14.35	20.15	100	µg/l
Turbidity (Treated)	52	<	0.15	0.18	0.39	4	ntu
Hydrogen ion (pH)	52		7.29	7.59	7.78	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	0.85	36.00		cfu/mL
Colony Count after 2 days @37C	45		0.00	0.27	6.00		cfu/mL
Total Coliforms (Indicator)	144	1	0.00	0.01	1.00	0	cfu/100mL
Field Free Chlorine	144		0.06	0.36	0.70		mg/L
Field Total Chlorine	144		0.10	0.43	0.75		mg/L