

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2019 to 31 December 2019
Water Supply Zone: 419
Water Supply Zone Area: Churchil, Banwell, Bleadon and Weston-Super-Mare
Water Supply Zone Population: 54,714

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52		3.21	5.43	25.50	200	ugAl/l
Antimony Total	10		0.08	0.10	0.12		µgSb/l
Arsenic Total	10		0.76	1.09	1.53	10	µgAs/l
Benzo(a)Pyrene	10		0.22	0.22	0.22		ng/L
Bromate as BrO3	10	<	0.10	0.18	0.80	10	µgBrO3/l
Cadmium Total	10		0.10	0.26	0.34		µgCd/l
Colour	52	<	1.00	1.21	2.90	20	mg/l Pt/Co
Chromium Total	10		0.06	0.14	0.18		µgCr/l
First Draw Copper	10		0.49	12.84	35.40	2000	µg/l
E.Coli Confirmed	133		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00	0	cfu/100mL
Total Iron	53	<	0.70	2.38	23.00	200	µgFe/l
First Draw Pb	10		0.03	0.16	0.72	10	µgPb/l
Total Manganese	53	<	0.14	0.45	6.61	50	µgMn/l
First Draw Nickel	10		0.38	0.60	0.83	20	µgNi/l
Nitrate as NO3	10		8.20	10.75	13.68		mgNO3/l
Nitrite as NO2 (consumer tap)	10	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	53		0.00	0.00	0.00	0	-
PAH Total	10		0.00	0.00	0.00	0.1	µg/l
Selenium Total	10	<	0.16	0.22	0.66	10	µgSe/l
Sodium	10		9.08	13.83	22.50	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	11		15.84	20.91	24.34	100	µg/l
Turbidity (Treated)	52		0.10	0.18	0.35	4	ntu
Hydrogen ion (pH)	53		7.22	7.55	7.69	9.5	pH units

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Ammonium Total	53		< 0.00	0.00	0.01		mgNH4/l
Colony Count after 3 days @22C	133		0.00	2.07	70.00		cfu/mL
Colony Count after 2 days @37C	133		0.00	1.25	35.00		cfu/mL
Total Coliforms (Indicator)	133		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	133		0.20	0.51	0.81		mg/L
Field Total Chlorine	133		0.25	0.59	0.86		mg/L