

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020
Water Supply Zone: 413
Water Supply Zone Area: Longwell Green, Saltford and Keynsham
Water Supply Zone Population: 62,827

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52		6.90	11.52	22.70	200	ugAl/l
Antimony Total	9		0.11	0.28	0.61		ugSb/l
Arsenic Total	9		0.19	0.26	0.40	10	ugAs/l
Benzo(a)Pyrene	9	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9	<	0.15	2.04	3.70	10	ugBrO3/l
Cadmium Total	9	<	0.01	0.02	0.03		ugCd/l
Colour	52	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	9		0.08	0.16	0.21		ugCr/l
First Draw Copper	11		0.77	9.93	41.20	2000	ug/l
E.Coli Confirmed	156		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	6.19	39.40	200	ugFe/l
First Draw Pb	11		0.05	0.34	1.11	10	ugPb/l
Total Manganese	52		0.30	0.58	4.28	50	ugMn/l
First Draw Nickel	11		0.51	1.02	1.39	20	ugNi/l
Nitrate as NO3	9		16.47	21.97	26.40		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	ug/l
Selenium Total	9		0.18	0.28	0.51	10	ugSe/l
Sodium	9		23.30	37.23	56.40	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		13.82	26.15	42.56	100	ug/l
Turbidity (Treated)	52		0.15	0.19	0.47	4	ntu
Hydrogen ion (pH)	52		7.25	7.58	7.86	9.5	pH units

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Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	52		< 0.01	0.01	0.02		mgNH4/l
Colony Count after 3 days @22C	156		0.00	0.51	27.00		cfu/mL
Colony Count after 2 days @37C	49		0.00	1.57	47.00		cfu/mL
Total Coliforms (Indicator)	156		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	156		0.11	0.42	0.78		mg/L
Field Total Chlorine	156		0.19	0.56	0.85		mg/L