

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2020 to 30 June 2021
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	53	<	6.90	10.84	48.20	200	ugAl/l
Antimony Total	9		0.11	0.26	0.61		µgSb/l
Arsenic Total	9		0.18	0.36	0.81	10	µgAs/l
Benzo(a)Pyrene	9		0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9		0.15	1.68	3.50	10	µgBrO3/l
Cadmium Total	9	<	0.01	0.02	0.04		µgCd/l
Colour	53	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	9		0.04	0.14	0.21		µgCr/l
First Draw Copper	12		0.77	11.01	41.20	2000	µg/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	53		3.72	5.34	11.50	200	µgFe/l
First Draw Pb	12		0.04	0.54	1.28	10	µgPb/l
Total Manganese	52	<	0.30	0.73	6.17	50	µgMn/l
First Draw Nickel	12		0.51	0.96	1.39	20	µgNi/l
Nitrate as NO3	9		11.29	20.30	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	µg/l
Selenium Total	9		0.10	0.25	0.32	10	µgSe/l
Sodium	9		17.70	34.23	56.40	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		18.82	27.10	42.56	100	µg/l
Turbidity (Treated)	53		0.13	0.19	0.39	4	ntu
Hydrogen ion (pH)	53		7.28	7.59	7.86	9.5	pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	52		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	156		0.00	0.51	22.00		cfu/mL
Total Coliforms (Indicator)	156		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	156		0.05	0.42	0.78		mg/L
Field Total Chlorine	156		0.19	0.53	0.85		mg/L