

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2022 to 30 June 2023
 Water Supply Zone: 413
 Water Supply Zone Area: Longwell Green, Saltford and Keynsham
 Water Supply Zone Population: 62,925

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52		6.90	10.80	32.30		ugAl/l
Antimony Total	9		0.23	0.41	0.63		µgSb/l
Arsenic Total	9		0.21	0.37	0.61		µgAs/l
Benzo(a)Pyrene	9		0.42	0.53	0.57		ng/L
Bromate as BrO ₃	9		0.80	1.29	2.70		µgBrO ₃ /l
Cadmium Total	9		0.01	0.02	0.03		µgCd/l
Colour	52		3.00	3.01	3.60		mg/l Pt/Co
Chromium Total	9		0.10	0.17	0.25		µgCr/l
First Draw Copper	9		0.92	4.50	12.20		µg/l
E.Coli Confirmed	156		0.00	0.00	0.00		cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00		cfu/100mL
Total Iron	52		3.72	15.48	102.00		µgFe/l
First Draw Pb	8		0.02	0.92	4.59		µgPb/l
Total Manganese	52		0.30	0.92	7.88		µgMn/l
First Draw Nickel	9		0.95	1.36	2.64		µgNi/l
Nitrate as NO ₃	9		21.36	25.01	33.60		mgNO ₃ /l
Nitrite as NO ₂ (consumer tap)	9		< 0.00	0.00	0.00		mgNO ₂ /l
Odour Dilution Number	55	1	0.00	0.06	3.00		-
PAH Total	9		0.00	0.00	0.00		µg/l
Selenium Total	9		0.21	0.30	0.32		µgSe/l
Sodium	9		30.20	44.46	72.10		mgNa/l
Taste Dilution Number	55	1	0.00	0.06	3.00		-
Total Trihalomethanes	9		26.05	36.87	45.77		µg/l
Turbidity (Treated)	54		0.13	0.20	1.21		ntu
Hydrogen ion (pH)	54		7.34	7.59	7.88		pH units

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Water Supply Zone Population: 62,925

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	53		0.01	0.01	0.05		mgNH4/l
Colony Count after 3 days @22C	156		0.00	16.51	300.00		cfu/mL
Total Coliforms (Indicator)	156	1	0.00	0.14	20.00		cfu/100mL
Field Free Chlorine	156		0.05	0.40	0.82		mg/L
Field Total Chlorine	156		0.16	0.54	0.98		mg/L