

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2021 to 31 December 2021
Water Supply Zone: 413
Water Supply Zone Area: Longwell Green, Saltford and Keynsham
Water Supply Zone Population: 62,825

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52		6.90	10.37	48.20	200	ugAl/l
Antimony Total	9		0.11	0.21	0.36		µgSb/l
Arsenic Total	9		0.18	0.43	0.81	10	µgAs/l
Benzo(a)Pyrene	9	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9	<	0.15	1.86	6.20	10	µgBrO3/l
Cadmium Total	9	<	0.01	0.02	0.04		µgCd/l
Colour	52	<	2.90	2.90	3.00	20	mg/l Pt/Co
Chromium Total	9	<	0.04	0.19	0.29		µgCr/l
First Draw Copper	9		0.65	67.15	421.00	2000	µg/l
E.Coli Confirmed	158		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	11.74	140.00	200	µgFe/l
First Draw Pb	9		0.04	0.64	1.51	10	µgPb/l
Total Manganese	52		0.30	0.88	6.17	50	µgMn/l
First Draw Nickel	9		0.75	2.34	13.60	20	µgNi/l
Nitrate as NO3	9		3.73	17.77	24.15		mgNO3/l
Nitrite as NO2 (consumer tap)	9	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	52		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	29.18	40.10	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		18.82	27.68	44.25	100	µg/l
Turbidity (Treated)	53		0.13	0.18	0.39	4	ntu
Hydrogen ion (pH)	52		7.21	7.51	7.74	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	0.01		mgNH4/l
Colony Count after 3 days @22C	158		0.00	4.45	88.00		cfu/mL
Total Coliforms (Indicator)	158		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	158		0.05	0.37	0.72		mg/L
Field Total Chlorine	158		0.05	0.49	0.84		mg/L