

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2020 to 30 June 2021
Water Supply Zone: 423
Water Supply Zone Area: Frome, Norton St Philip, Leigh-on-Mendip and Coleford
Water Supply Zone Population: 43,352

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	37	<	6.90	7.74	14.50	200	ugAl/l
Antimony Total	8		0.15	0.15	0.16		µgSb/l
Arsenic Total	8		1.30	1.34	1.38	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8	<	0.15	0.16	0.26	10	µgBrO3/l
Cadmium Total	8		0.67	0.70	0.73		µgCd/l
Colour	36	<	2.90	3.01	7.00	20	mg/l Pt/Co
Chromium Total	8		0.09	0.13	0.18		µgCr/l
First Draw Copper	10		23.00	99.00	191.00	2000	µg/l
E.Coli Confirmed	111		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	37	<	3.72	4.09	5.23	200	µgFe/l
First Draw Pb	10		1.26	1.46	1.74	10	µgPb/l
Total Manganese	39	<	0.30	0.37	0.85	50	µgMn/l
First Draw Nickel	10		3.26	3.67	4.11	20	µgNi/l
Nitrate as NO3	8		26.22	27.33	27.82		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	37		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		0.98	1.09	1.18	10	µgSe/l
Sodium	8		11.40	11.91	12.50	200	mgNa/l
Taste Dilution Number	37		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		8.62	10.34	11.99	100	µg/l
Turbidity (Treated)	38		0.13	0.18	0.42	4	ntu
Hydrogen ion (pH)	38		7.21	7.35	7.47	9.5	pH units

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Ammonium Total	39		< 0.01	0.01	0.02		mgNH4/l
Colony Count after 3 days @22C	111		0.00	1.14	77.00		cfu/mL
Total Coliforms (Indicator)	111		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	110		0.11	0.29	0.51		mg/L
Field Total Chlorine	110		0.21	0.36	0.60		mg/L