

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020
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	8.36	14.40	200	ugAl/l
Antimony Total	8		0.15	0.15	0.16		µgSb/l
Arsenic Total	8		1.13	1.33	1.39	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		0.40	0.67	0.76		µgCd/l
Colour	37	<	2.90	3.01	7.00	20	mg/l Pt/Co
Chromium Total	8		0.09	0.18	0.38		µgCr/l
First Draw Copper	9		28.40	79.52	131.00	2000	µg/l
E.Coli Confirmed	109		0.00	0.00	0.00		cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	37	<	3.72	3.96	5.23	200	µgFe/l
First Draw Pb	9		1.40	1.74	2.55	10	µgPb/l
Total Manganese	37	<	0.30	0.39	0.85	50	µgMn/l
First Draw Nickel	9		2.90	3.65	4.11	20	µgNi/l
Nitrate as NO3	8		26.69	28.15	33.99		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		0.80	1.08	1.35	10	µgSe/l
Sodium	8		11.60	12.02	12.50	200	mgNa/l
Taste Dilution Number	37		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		6.46	9.76	11.99	100	µg/l
Turbidity (Treated)	37	<	0.15	0.19	0.35	4	ntu
Hydrogen ion (pH)	37		7.24	7.38	8.00	9.5	pH units

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Ammonium Total	37		< 0.00	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	109		0.00	2.87	180.00		cfu/mL
Colony Count after 2 days @37C	34		0.00	10.91	300.00		cfu/mL
Total Coliforms (Indicator)	109		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	108		0.11	0.29	0.51		mg/L
Field Total Chlorine	108		0.18	0.36	0.54		mg/L