

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2021 to 31 December 2021
Water Supply Zone: 422
Water Supply Zone Area: Shepton Mallet, Pilton, Oakhill, Wookey Hole and Shipha
Water Supply Zone Population: 30,265

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	37	<	6.90	8.59	14.50	200	ugAl/l
Antimony Total	8		0.10	0.13	0.16		µgSb/l
Arsenic Total	8		1.47	2.39	3.66	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8	<	0.15	0.33	0.47	10	µgBrO3/l
Cadmium Total	8	<	0.02	0.07	0.28		µgCd/l
Colour	36	<	2.90	2.90	3.00	20	mg/l Pt/Co
Chromium Total	8	<	0.04	0.16	0.18		µgCr/l
First Draw Copper	8		1.70	44.43	132.00	2000	µg/l
E.Coli Confirmed	85		0.00	0.00	0.00		cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	36		3.72	10.36	155.00	200	µgFe/l
First Draw Pb	8		0.12	0.38	0.62	10	µgPb/l
Total Manganese	36		0.30	0.72	3.18	50	µgMn/l
First Draw Nickel	8		0.91	1.38	3.34	20	µgNi/l
Nitrate as NO3	8		4.52	10.11	22.75		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	36		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8	<	0.32	0.36	0.64	10	µgSe/l
Sodium	8		10.40	13.70	15.90	200	mgNa/l
Taste Dilution Number	36		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		14.80	41.08	54.35	100	µg/l
Turbidity (Treated)	36		0.13	0.16	0.38	4	ntu
Hydrogen ion (pH)	36		7.13	7.69	8.05	9.5	pH units

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Ammonium Total	36		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	85		0.00	9.18	300.00		cfu/mL
Total Coliforms (Indicator)	85		0.00	0.00	0.00		cfu/100mL
Field Free Chlorine	85		0.05	0.23	0.63		mg/L
Field Total Chlorine	85		0.14	0.36	0.73		mg/L