

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2020 to 30 June 2021
Water Supply Zone: 422
Water Supply Zone Area: Shepton Mallet, Pilton, Oakhill, Wookey Hole and Shipha
Water Supply Zone Population: 30,384

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	35	<	6.90	8.39	14.50	200	ugAl/l
Antimony Total	8		0.11	0.14	0.16		µgSb/l
Arsenic Total	8		1.90	2.60	3.76	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.59	0.72	10	ng/L
Bromate as BrO3	8		0.15	0.34	0.45	10	µgBrO3/l
Cadmium Total	8	<	0.01	0.02	0.03		µgCd/l
Colour	34	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8	<	0.04	0.11	0.18		µgCr/l
First Draw Copper	10		0.36	6.82	24.70	2000	µg/l
E.Coli Confirmed	81		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	36	<	3.72	8.42	155.00	200	µgFe/l
First Draw Pb	10		0.12	0.30	0.87	10	µgPb/l
Total Manganese	35	<	0.30	0.95	5.70	50	µgMn/l
First Draw Nickel	10		0.51	0.80	1.27	20	µgNi/l
Nitrate as NO3	8		2.13	5.57	11.00		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	34		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		0.14	0.25	0.32	10	µgSe/l
Sodium	8		13.70	15.21	16.90	200	mgNa/l
Taste Dilution Number	34		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		40.41	46.97	54.35	100	µg/l
Turbidity (Treated)	34	<	0.13	0.17	0.38	4	ntu
Hydrogen ion (pH)	35		7.56	7.76	8.05	9.5	pH units

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Ammonium Total	34		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	81		0.00	0.65	11.00		cfu/mL
Total Coliforms (Indicator)	81		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	81		0.05	0.27	0.63		mg/L
Field Total Chlorine	81		0.14	0.38	0.93		mg/L