

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020
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	36	<	6.90	8.06	14.40	200	ugAl/l
Antimony Total	9		0.11	0.14	0.17		µgSb/l
Arsenic Total	9		1.04	2.49	3.76	10	µgAs/l
Benzo(a)Pyrene	9	<	0.57	0.59	0.72	10	ng/L
Bromate as BrO3	9	<	0.15	0.31	0.55	10	µgBrO3/l
Cadmium Total	9	<	0.01	0.02	0.03		µgCd/l
Colour	36	<	2.90	2.91	3.40	20	mg/l Pt/Co
Chromium Total	9	<	0.04	0.14	0.21		µgCr/l
First Draw Copper	10		0.36	7.85	20.40	2000	µg/l
E.Coli Confirmed	84		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00	0	cfu/100mL
Total Iron	36	<	3.72	6.79	94.20	200	µgFe/l
First Draw Pb	10	<	0.04	0.36	0.87	10	µgPb/l
Total Manganese	36		0.30	1.25	7.94	50	µgMn/l
First Draw Nickel	10		0.51	0.70	0.99	20	µgNi/l
Nitrate as NO3	9		2.13	5.14	8.90		mgNO3/l
Nitrite as NO2 (consumer tap)	9	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	37		0.00	0.00	0.00	0	-
PAH Total	9		0.00	0.00	0.00	0.1	µg/l
Selenium Total	9	<	0.14	0.26	0.32	10	µgSe/l
Sodium	9		13.80	15.24	17.60	200	mgNa/l
Taste Dilution Number	37		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		29.20	43.95	55.04	100	µg/l
Turbidity (Treated)	36		0.14	0.19	0.34	4	ntu
Hydrogen ion (pH)	36		7.55	7.74	7.97	9.5	pH units

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Ammonium Total	36		< 0.00	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	84		0.00	8.87	300.00		cfu/mL
Colony Count after 2 days @37C	28		0.00	5.50	103.00		cfu/mL
Total Coliforms (Indicator)	84		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	84		0.05	0.33	0.72		mg/L
Field Total Chlorine	84		0.16	0.46	0.93		mg/L