

## PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2022 to 30 June 2023

Water Supply Zone: 422

Water Supply Zone Area: Shepton Mallet, Pilton, Oakhill, Wookey Hole and Shipham

Water Supply Zone Population: 30,288

## Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	38		6.90	8.17	14.50		ugAl/l
Antimony Total	8		0.13	0.17	0.21		µgSb/l
Arsenic Total	8		1.34	2.40	3.61		µgAs/l
Benzo(a)Pyrene	8	<	0.42	0.55	0.57	10	ng/L
Bromate as BrO3	8		0.16	0.43	0.77		µgBrO3/l
Cadmium Total	8		0.02	0.10	0.23		µgCd/l
Colour	36	<	3.00	3.14	5.40	20	mg/l Pt/Co
Chromium Total	8	<	0.09	0.17	0.18		µgCr/l
First Draw Copper	8		2.20	95.87	246.00		µg/l
E.Coli Confirmed	84		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	9.02	54.40		µgFe/l
First Draw Pb	8		0.07	0.40	0.81		µgPb/l
Total Manganese	38		0.30	0.81	2.26	50	µgMn/l
First Draw Nickel	8		0.17	1.37	2.06	20	µgNi/l
Nitrate as NO3	8		6.11	13.51	19.10		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	39		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00		µg/l
Selenium Total	8	<	0.24	0.31	0.32	10	µgSe/l
Sodium	8		12.80	19.37	26.50		mgNa/l
Taste Dilution Number	39		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		35.90	44.80	59.05		µg/l
Turbidity (Treated)	35		0.13	0.18	0.52	4	ntu
Hydrogen ion (pH)	36		7.35	7.70	7.98		pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	37		< 0.01	0.01	0.03		mgNH4/l
Colony Count after 3 days @22C	84		0.00	7.25	300.00		cfu/mL
Total Coliforms (Indicator)	84		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	84		0.05	0.22	0.66		mg/L
Field Total Chlorine	84		0.09	0.34	0.76		mg/L