

PUBLIC REGISTER OF INFORMATION
Water Quality Summary Date Range: 01 January 2021 to 31 December 2021

Water Supply Zone: 405

Water Supply Zone Area: Bradley Stoke and Winterbourne

Water Supply Zone Population: 45,791

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	36		6.90	15.41	54.20	200	ugAl/l
Antimony Total	8		0.12	0.28	0.46		µgSb/l
Arsenic Total	8		0.17	0.30	0.47	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.26	1.91	5.30	10	µgBrO3/l
Cadmium Total	8	<	0.01	0.02	0.03		µgCd/l
Colour	36	<	2.90	2.91	3.00	20	mg/l Pt/Co
Chromium Total	8		0.14	0.19	0.27		µgCr/l
First Draw Copper	8		0.35	11.49	80.10	2000	µg/l
E.Coli Confirmed	120		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	6.42	21.60	200	µgFe/l
First Draw Pb	8		0.04	0.72	2.08	10	µgPb/l
Total Manganese	36	<	0.30	0.58	2.82	50	µgMn/l
First Draw Nickel	8		0.79	1.14	2.04	20	µgNi/l
Nitrate as NO3	8		19.83	21.54	23.45		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		0.27	0.30	0.32	10	µgSe/l
Sodium	8		22.40	33.35	51.60	200	mgNa/l
Taste Dilution Number	36		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		9.23	22.36	42.82	100	µg/l
Turbidity (Treated)	36		0.13	0.17	0.34	4	ntu
Hydrogen ion (pH)	36		7.30	7.45	7.60	9.5	pH units

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Ammonium Total	36		< 0.01	0.01	0.04		mgNH4/l
Colony Count after 3 days @22C	120		0.00	0.33	12.00		cfu/mL
Total Coliforms (Indicator)	120		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	120		0.05	0.53	0.87		mg/L
Field Total Chlorine	120		0.18	0.64	1.06		mg/L