

PUBLIC REGISTER OF INFORMATION
Water Quality Summary Date Range: 01 January 2020 to 31 December 2020

Water Supply Zone: 405

Water Supply Zone Area: Bradley Stoke and Winterbourne

Water Supply Zone Population: 46,016

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	36		6.90	16.36	36.20	200	ugAl/l
Antimony Total	8		0.13	0.31	0.62		µgSb/l
Arsenic Total	8		0.16	0.32	0.54	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.28	1.19	2.00	10	µgBrO3/l
Cadmium Total	8	<	0.01	0.02	0.03		µgCd/l
Colour	36	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8		0.10	0.17	0.23		µgCr/l
First Draw Copper	9		0.79	10.88	28.30	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	5.77	17.10	200	µgFe/l
First Draw Pb	9		0.02	1.46	5.66	10	µgPb/l
Total Manganese	36	<	0.30	0.46	0.85	50	µgMn/l
First Draw Nickel	9		0.68	2.34	5.83	20	µgNi/l
Nitrate as NO3	8		20.68	22.36	25.61		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	<	0.13	0.27	0.37	10	µgSe/l
Sodium	8		23.90	33.29	44.90	200	mgNa/l
Taste Dilution Number	36		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		12.87	29.86	49.10	100	µg/l
Turbidity (Treated)	36	<	0.15	0.22	0.35	4	ntu
Hydrogen ion (pH)	36		7.06	7.50	7.74	9.5	pH units

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Ammonium Total	36		< 0.01	0.01	0.05		mgNH4/l
Colony Count after 3 days @22C	120		0.00	0.47	18.00		cfu/mL
Colony Count after 2 days @37C	37		0.00	1.43	28.00		cfu/mL
Total Coliforms (Indicator)	120		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	120		0.05	0.40	0.72		mg/L
Field Total Chlorine	120		0.09	0.53	0.89		mg/L