

**PUBLIC REGISTER OF INFORMATION**

**Water Quality Summary Date Range:** 01 January 2021 to 31 December 2021  
**Water Supply Zone:** 420  
**Water Supply Zone Area:** Cheddar, Wedmore, Brent Knoll and Burnham-On-Sea  
**Water Supply Zone Population:** 46,658

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	36	<	6.90	8.80	14.50	200	ugAl/l
Antimony Total	8		0.07	0.09	0.10		µgSb/l
Arsenic Total	8		0.99	1.24	1.63	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8	<	0.15	0.15	0.15	10	µgBrO3/l
Cadmium Total	8	<	0.01	0.03	0.03		µgCd/l
Colour	35	<	2.90	2.91	3.00	20	mg/l Pt/Co
Chromium Total	8	<	0.13	0.17	0.18		µgCr/l
First Draw Copper	8		1.54	31.03	57.30	2000	µg/l
E.Coli Confirmed	119		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	35	<	3.72	4.51	18.10	200	µgFe/l
First Draw Pb	8		0.04	0.25	0.86	10	µgPb/l
Total Manganese	35	<	0.30	0.49	1.23	50	µgMn/l
First Draw Nickel	8		0.23	1.78	10.90	20	µgNi/l
Nitrate as NO3	8		4.22	8.31	12.28		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	35		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8	<	0.11	0.29	0.32	10	µgSe/l
Sodium	8		6.56	7.14	8.27	200	mgNa/l
Taste Dilution Number	35		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		11.72	15.82	23.66	100	µg/l
Turbidity (Treated)	35		0.13	0.16	0.59	4	ntu
Hydrogen ion (pH)	35		7.38	7.73	7.98	9.5	pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	35		< 0.01	0.01	0.03		mgNH4/l
Colony Count after 3 days @22C	119		0.00	5.55	300.00		cfu/mL
Total Coliforms (Indicator)	119		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	119		0.05	0.57	0.91		mg/L
Field Total Chlorine	119		0.15	0.64	0.93		mg/L