

**PUBLIC REGISTER OF INFORMATION**

**Water Quality Summary Date Range:** 01 January 2020 to 31 December 2020  
**Water Supply Zone:** 420  
**Water Supply Zone Area:** Cheddar, Wedmore, Brent Knoll and Burnham-On-Sea  
**Water Supply Zone Population:** 46,374

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	36	<	6.90	7.94	14.40	200	ugAl/l
Antimony Total	8		0.07	0.08	0.09		µgSb/l
Arsenic Total	8		1.08	1.41	1.76	10	µgAs/l
Benzo(a)Pyrene	9	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8	<	0.15	0.18	0.26	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	<	0.04	0.17	0.38		µgCr/l
First Draw Copper	9		9.90	39.26	77.60	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	36	<	3.72	4.85	26.80	200	µgFe/l
First Draw Pb	9		0.10	0.31	0.89	10	µgPb/l
Total Manganese	36	<	0.30	0.50	1.14	50	µgMn/l
First Draw Nickel	9		0.28	0.45	0.52	20	µgNi/l
Nitrate as NO3	8		2.13	8.39	12.35		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	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	8	<	0.08	0.23	0.32	10	µgSe/l
Sodium	8		7.47	8.55	10.10	200	mgNa/l
Taste Dilution Number	37		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		13.75	19.36	24.46	100	µg/l
Turbidity (Treated)	36		0.15	0.18	0.36	4	ntu
Hydrogen ion (pH)	36		7.60	7.77	7.97	9.5	pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	36		< 0.00	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	120		0.00	3.76	300.00		cfu/mL
Colony Count after 2 days @37C	38		0.00	8.53	300.00		cfu/mL
Total Coliforms (Indicator)	120		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	120		0.05	0.49	0.89		mg/L
Field Total Chlorine	120		0.08	0.56	0.95		mg/L