

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range:	01 July 2022 to 30 June 2023
Water Supply Zone:	420
Water Supply Zone Area:	Cheddar, Wedmore, Brent Knoll and Burnham-On-Sea
Water Supply Zone Population:	47,016

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	36	1	< 6.90	14.90	241.00	200	ugAl/l
Antimony Total	8		0.10	0.12	0.14		µgSb/l
Arsenic Total	8		0.94	1.35	1.74	10	µgAs/l
Benzo(a)Pyrene	8		< 0.42	0.53	0.57	10	ng/L
Bromate as BrO3	8		< 0.10	0.21	0.35	10	µgBrO3/l
Cadmium Total	8		0.01	0.03	0.03		µgCd/l
Colour	36		< 3.00	3.00	3.00	20	mg/l Pt/Co
Chromium Total	8		< 0.04	0.17	0.21		µgCr/l
First Draw Copper	8		1.46	29.24	126.00	2000	µg/l
E.Coli Confirmed	121		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	6.20	34.80	200	µgFe/l
First Draw Pb	8		< 0.04	1.16	5.78	10	µgPb/l
Total Manganese	36		< 0.30	1.77	14.00	50	µgMn/l
First Draw Nickel	8		< 0.18	0.60	1.43	20	µgNi/l
Nitrate as NO3	8		3.78	9.47	15.90		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	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		0.09	0.29	0.32	10	µgSe/l
Sodium	8		7.92	10.61	18.90	200	mgNa/l
Taste Dilution Number	37		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		15.15	26.75	37.81	100	µg/l
Turbidity (Treated)	37		0.13	0.18	0.69	4	ntu
Hydrogen ion (pH)	35		7.44	7.72	7.92	9.5	pH units

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Ammonium Total	36		< 0.01	0.01	0.02		mgNH4/l
Colony Count after 3 days @22C	121		0.00	5.33	273.00		cfu/mL
Total Coliforms (Indicator)	121		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	121		0.05	0.43	0.79		mg/L
Field Total Chlorine	121		0.11	0.66	15.30		mg/L