

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 30 Jun 2023 to 01 Jul 2024

Water Supply Zone: 420

Water Supply Zone Area: Cheddar, Wedmore, Brent Knoll and Burnham-On-Sea

Water Supply Zone Population: 47112

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	40	0	0.008	0.01	0.014	0	MGNH_4
Antimony Total	8	0	0.08	0.09	0.09		UGSB
Arsenic Total	8	0	0.85	1.1	1.4	10	UGAS
Benzo(a)Pyrene	8	0	0.42	0.42	0.42	10	NG_P_L
Benzobfluoranthene	8	0	0.0007	0	0.0019		UG_P_L
Benzo-Ghi-Perylene	8	0	0.00077	0	0.00077		UG_P_L
Benzo(k)fluoranthene	8	0	0.00099	0	0.00099		UG_P_L
Bromate as BrO3	8	0	0.2	0.45	1.68	10	UGBRO
Bromodichloromethane	8	0	5.62	6.95	9.49		UG_P_L
Cadmium Total	8	0	0.01	0.03	0.03		UGCDL
Chromium Total	8	0	0.06	0.17	0.23		UGCRL
Colony Count after 3 days @22C	130	0	0	10.37	300		CFU_1ML
Colour	38	0	3	3	3	20	MG_PT_CO
Dibromochloromethane	8	0	4.63	5.32	6.43		UG_P_L
E.Coli Confirmed	130	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	9	0	0	0	0	0	CFU_100ML
Field Free Chlorine	131	0	0.07	0.48	0.81		MG_P_L
Field Total Chlorine	131	0	0.2	0.56	1.02		MG_P_L
First Draw Copper	8	0	4.26	47.05	116	2,000	UG_P_L
First Draw Nickel	8	1	0.23	7.07	52.3	20	UGNI
First Draw Pb	8	0	0.06	1.25	6.09	10	UGPB
Hydrogen ion (pH)	39	0	7.32	7.76	8		PH
Indeno-123-Cd-Pyrene	8	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	8	0	5.17	8.99	13.3	50	MGNO_3
Nitrite as NO2 (consumer tap)	8	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	8	0	0.104	0.18	0.267		MG_P_L
Odour Dilution Number	44	0	0	0	0	0	NONE
PAH Total	8	0	0	0	0.002	0.1	UG_P_L
Selenium Total	8	0	0.08	0.25	0.32	10	UGSE

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Sodium	8	0	8.39	9.58	10.9	200	MGNA
Taste Dilution Number	37	0	0	0	0	0	NONE
Total Aluminium as Al	39	0	6.9	7.68	14.5	200	UGAL
Total Coliforms (Indicator)	130	0	0	0	0	0	CFU_100ML
Total Iron	38	0	3.72	3.88	5.96	200	UGFE
Total Manganese	41	0	0.3	0.51	2.21	50	UGMN
Total Oxidised Nitrogen	8	0	5.17	8.99	13.3		MG_P_L
Total Trihalomethanes	8	0	17.02	20.84	27.55	100	MICROG_L
Tribromomethane	8	0	0.89	1.1	1.56		UG_P_L
Trichloromethane	8	0	5.48	7.47	10.48		UG_P_L
Turbidity (Treated)	38	0	0.13	0.17	0.38	4	NTU