

PUBLIC REGISTER OF INFORMATION

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

Water Supply Zone: 419

Water Supply Zone Area: Churchil, Banwell, Bleadon and Weston-Super-Mare

Water Supply Zone Population: 58506

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	55	0	0.008	0.01	0.066	0	MGNH_4
Antimony Total	9	0	0.07	0.08	0.09		UGSB
Arsenic Total	9	0	0.99	1.23	1.58	10	UGAS
Benzo(a)Pyrene	9	0	0.42	0.42	0.42	10	NG_P_L
Benzobfluoranthene	9	0	0.0007	0	0.0007		UG_P_L
Benzo-Ghi-Perylene	9	0	0.00077	0	0.00077		UG_P_L
Benzo(k)fluoranthene	9	0	0.00099	0	0.00099		UG_P_L
Bromate as BrO3	9	0	0.1	0.1	0.1	10	UGBRO
Bromodichloromethane	9	0	2.88	5.02	7.92		UG_P_L
Cadmium Total	9	0	0.31	0.36	0.46		UGCDL
Chromium Total	9	0	0.11	0.22	0.38		UGCRL
Colony Count after 3 days @22C	149	0	0	2.52	64		CFU_1ML
Colour	55	0	3	3.07	6.5	20	MG_PT_CO
Dibromochloromethane	8	0	4.93	6.32	7.62		UG_P_L
E.Coli Confirmed	149	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	9	0	0	0	0	0	CFU_100ML
Field Free Chlorine	151	0	0.05	0.48	0.93		MG_P_L
Field Total Chlorine	151	0	0.12	0.55	1.12		MG_P_L
First Draw Copper	9	0	6.4	69.93	263	2,000	UG_P_L
First Draw Nickel	9	0	0.4	0.97	1.37	20	UGNI
First Draw Pb	9	0	0.03	0.57	2.58	10	UGPB
Hydrogen ion (pH)	55	0	7.39	7.64	7.84		PH
Indeno-123-Cd-Pyrene	9	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	9	0	7.76	11.28	14.2	50	MGNO_3
Nitrite as NO2 (consumer tap)	9	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	9	0	0.156	0.23	0.285		MG_P_L
Odour Dilution Number	54	0	0	0	0	0	NONE
PAH Total	9	0	0	0	0	0.1	UG_P_L
Selenium Total	9	0	0.22	0.33	0.48	10	UGSE

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Sodium	9	0	9.08	11.19	18.8	200	MGNA
Taste Dilution Number	54	0	0	0	0	0	NONE
Total Aluminium as Al	55	0	6.9	7.59	14.5	200	UGAL
Total Coliforms (Indicator)	149	0	0	0	0	0	CFU_100ML
Total Iron	55	0	3.72	3.89	5.23	200	UGFE
Total Manganese	55	0	0.3	0.36	1	50	UGMN
Total Oxidised Nitrogen	9	0	7.76	11.28	14.2		MG_P_L
Total Trihalomethanes	8	0	11.65	17.38	23.75	100	MICROG_L
Tribromomethane	8	0	1.26	2.16	2.51		UG_P_L
Trichloromethane	9	0	1.39	3.54	7.53		UG_P_L
Turbidity (Treated)	54	0	0.13	0.16	0.43	4	NTU