

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 Jul 2024 to 30 Jun 2025

Water Supply Zone: 419

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

Water Supply Zone Population: 59880

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	51	0	0.008	0.01	0.01	0	MGNH_4
Antimony Total	7	0	0.08	0.1	0.12		UGSB
Arsenic Total	7	0	1.14	1.51	2.07	10	UGAS
Benzo(a)Pyrene	7	0	0.42	0.42	0.42	10	NG_P_L
Benzobfluoranthene	7	0	0.0007	0	0.0007		UG_P_L
Benzo-Ghi-Perylene	7	0	0.00077	0	0.00077		UG_P_L
Benzo(k)fluoranthene	7	0	0.00099	0	0.00099		UG_P_L
Bromate as BrO3	7	0	0.1	0.14	0.3	10	UGBRO
Bromodichloromethane	7	0	2.97	5.69	9.08		UG_P_L
Cadmium Total	7	0	0.24	0.36	0.48		UGCDL
Chromium Total	7	0	0.18	0.28	0.34		UGCRL
Coliforms Confirmed	15	0	0	0	0		CFU_100ML
Colony Count after 3 days @22C	143	0	0	1.61	93		CFU_1ML
Colour	51	0	3	3	3.2	20	MG_PT_CO
Dibromochloromethane	7	0	5.08	6.05	6.64		UG_P_L
E.Coli Confirmed	143	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	7	0	0	0	0	0	CFU_100ML
Field Free Chlorine	144	0	0.06	0.47	0.87		MG_P_L
Field Total Chlorine	144	0	0.16	0.54	0.97		MG_P_L
First Draw Copper	7	0	3.13	35.44	87.5	2,000	UG_P_L
First Draw Nickel	7	0	0.46	1.11	1.51	20	UGNI
First Draw Pb	7	0	0.11	0.82	4.82	10	UGPB
Hydrogen ion (pH)	52	0	7.54	7.66	7.88		PH
Indeno-123-Cd-Pyrene	7	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	7	0	6.41	10.37	12.7	50	MGNO_3
Nitrite as NO2 (consumer tap)	7	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	7	0	0.129	0.21	0.255		MG_P_L
Odour Dilution Number	51	0	0	0	0	0	NONE
PAH Total	7	0	0	0	0	0.1	UG_P_L

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Selenium Total	7	0	0.25	0.31	0.38	10	UGSE
Sodium	7	0	8.76	9.66	11.1	200	MGNA
Taste Dilution Number	51	0	0	0	0	0	NONE
Total Aluminium as Al	51	0	5	9.29	21.2	200	UGAL
Total Coliforms (Indicator)	143	0	0	0	0	0	CFU_100ML
Total Iron	51	0	3.72	7.11	11.7	200	UGFE
Total Manganese	51	0	0.3	1.89	48.4	50	UGMN
Total Oxidised Nitrogen	7	0	6.41	10.37	12.7		MG_P_L
Total Trihalomethanes	7	0	11.74	18.52	26.63	100	MICROG_L
Tribromomethane	7	0	0.98	1.71	2.4		UG_P_L
Trichloromethane	7	0	1.52	5.07	9.98		UG_P_L
Turbidity (Treated)	51	0	0.07	0.14	0.67	4	NTU