

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 Jan 2024 to 31 Dec 2024

Water Supply Zone: 417

Water Supply Zone Area: Nailsea, Backwell and Yatton

Water Supply Zone Population: 42333

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	36	0	0.008	0.01	0.042	0	MGNH_4
Antimony Total	8	0	0.06	0.09	0.13		UGSB
Arsenic Total	8	0	1.17	1.56	1.81	10	UGAS
Benzo(a)Pyrene	8	0	0.42	0.42	0.42	10	NG_P_L
Benzobfluoranthene	8	0	0.0007	0	0.00078		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	0.1	0.18	0.4	10	UGBRO
Bromodichloromethane	8	0	1.52	3.93	9.3		UG_P_L
Cadmium Total	8	0	0.04	0.12	0.19		UGCDL
Chromium Total	8	0	0.05	0.26	0.61		UGCRL
Colony Count after 3 days @22C	108	0	0	3.9	300		CFU_1ML
Colour	36	0	3	3.04	4.4	20	MG_PT_CO
Dibromochloromethane	8	0	3.1	4.48	7.05		UG_P_L
E.Coli Confirmed	108	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	8	0	0	0	0	0	CFU_100ML
Field Free Chlorine	108	0	0.05	0.45	0.77		MG_P_L
Field Total Chlorine	108	0	0.14	0.54	0.96		MG_P_L
First Draw Copper	8	0	1.9	59.16	273	2,000	UG_P_L
First Draw Nickel	8	0	0.55	1.29	2.41	20	UGNI
First Draw Pb	8	0	0.08	0.25	0.56	10	UGPB
Hydrogen ion (pH)	36	0	7.24	7.42	7.69		PH
Indeno-123-Cd-Pyrene	8	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	8	0	6.14	13.65	17.58	50	MGNO_3
Nitrite as NO2 (consumer tap)	8	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	8	0	0.123	0.27	0.352		MG_P_L
Odour Dilution Number	36	0	0	0	0	0	NONE
PAH Total	8	0	0	0	0.0008	0.1	UG_P_L
Selenium Total	8	0	0.19	0.41	0.54	10	UGSE

Water Quality Summary Date Range: 01 Jan 2024 to 31 Dec 2024

Water Supply Zone: 417

Water Supply Zone Area: Nailsea, Backwell and Yatton

Water Supply Zone Population: 42333

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Sodium	8	0	11.7	13.75	14.5	200	MGNA
Taste Dilution Number	36	0	0	0	0	0	NONE
Total Aluminium as Al	36	0	6.9	9.47	19.5	200	UGAL
Total Coliforms (Indicator)	108	0	0	0	0	0	CFU_100ML
Total Iron	36	0	3.72	4.86	25.1	200	UGFE
Total Manganese	36	0	0.3	0.47	0.85	50	UGMN
Total Oxidised Nitrogen	8	0	6.14	13.65	17.58		MG_P_L
Total Trihalomethanes	8	0	7.65	14.35	29.98	100	MICROG_L
Tribromomethane	8	0	0.89	1.9	2.88		UG_P_L
Trichloromethane	8	0	0.67	4.13	12.53		UG_P_L
Turbidity (Treated)	36	0	0.08	0.17	0.4	4	NTU