

# PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 Jan 2025 to 31 Dec 2025

Water Supply Zone: 417

Water Supply Zone Area: Nailsea, Backwell and Yatton

Water Supply Zone Population: 42547

## Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	36	0	0.008	0.01	0.025	0	MGNH_4
Antimony Total	9	0	0.1	0.11	0.14		UGSB
Arsenic Total	9	0	1.17	1.49	1.86	10	UGAS
Benzo(a)Pyrene	9	0	0.42	0.45	0.49	10	NG_P_L
Benzobfluoranthene	9	0	0.0007	0	0.00137		UG_P_L
Benzo-Ghi-Perylene	8	0	0.00048	0	0.00077		UG_P_L
Benzo(k)fluoranthene	9	0	0.00099	0	0.00107		UG_P_L
Bromate as BrO3	9	0	0.1	0.38	0.823	10	UGBRO
Bromodichloromethane	9	0	2.85	5.75	9.64		UG_P_L
Cadmium Total	9	0	0.027	0.08	0.124		UGCDL
Chromium Total	9	0	0.13	0.16	0.26		UGCRL
Coliforms Confirmed	12	0	0	0	0		CFU_100ML
Colony Count after 3 days @22C	108	0	0	8.41	300		CFU_1ML
Colour	36	0	3	3.06	5.2	20	MG_PT_CO
Dibromochloromethane	9	0	3.82	5.62	6.64		UG_P_L
E.Coli Confirmed	109	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	9	0	0	0	0	0	CFU_100ML
Field Free Chlorine	109	0	0.05	0.36	0.71		MG_P_L
Field Total Chlorine	109	0	0.12	0.47	0.88		MG_P_L
First Draw Copper	9	0	3.41	162	636	2,000	UG_P_L
First Draw Nickel	9	1	0.42	14.22	117	20	UGNI
First Draw Pb	9	0	0.28	0.44	0.62	10	UGPB
Hydrogen ion (pH)	36	0	7.1	7.41	7.82		PH
Indeno-123-Cd-Pyrene	9	0	0.00104	0	0.0022		UG_P_L
Nitrate as NO3	9	0	2.13	9.51	14.4	50	MGNO_3
Nitrite as NO2 (consumer tap)	9	0	0.003	0	0.008	0.5	MGNO_2
Nitrogen Formula	9	0	0	0.19	0.29		MG_P_L
Odour Dilution Number	36	0	0	0	0	0	NONE
PAH Total	8	0	0	0	0.0009	0.1	UG_P_L

**Water Quality Summary Date Range: 01 Jan 2025 to 31 Dec 2025**

**Water Supply Zone: 417**

**Water Supply Zone Area: Nailsea, Backwell and Yatton**

**Water Supply Zone Population: 42547**

## **Prescribed Concentration Values**

<b>Result Description</b>	<b>No. of Samples</b>	<b>No. of Failures</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>PCV</b>	<b>Units</b>
Selenium Total	9	0	0.25	0.32	0.43	10	UGSE
Sodium	9	0	13.1	16.93	25	200	MGNA
Taste Dilution Number	36	0	0	0	0	0	NONE
Total Aluminium as Al	36	0	5	12.59	43.4	200	UGAL
Total Coliforms (Indicator)	109	0	0	0	0	0	CFU_100ML
Total Iron	36	0	3.72	10.67	12.6	200	UGFE
Total Manganese	37	0	0.3	1.48	1.96	50	UGMN
Total Oxidised Nitrogen	9	0	2.13	9.51	14.4		MG_P_L
Total Trihalomethanes	9	0	10.35	18.66	28.85	100	MICROG_L
Tribromomethane	9	0	0.77	1.55	2.45		UG_P_L
Trichloromethane	9	0	2.08	5.74	12.08		UG_P_L
Turbidity (Treated)	36	0	0.11	0.15	0.4	4	NTU