

## PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2022 to 30 June 2023

Water Supply Zone: 417

Water Supply Zone Area: Nailsea, Backwell and Yatton

Water Supply Zone Population: 41,382

## Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	35		6.90	8.20	15.10		ugAl/l
Antimony Total	9	<	0.07	0.09	0.16		µgSb/l
Arsenic Total	9		1.68	1.93	2.81	10	µgAs/l
Benzo(a)Pyrene	9		0.42	0.51	0.57	10	ng/L
Bromate as BrO3	9	<	0.10	0.22	0.44	10	µgBrO3/l
Cadmium Total	9		0.05	0.13	0.17		µgCd/l
Colour	37	<	3.00	3.00	3.00	20	mg/l Pt/Co
Chromium Total	9		0.11	0.19	0.22		µgCr/l
First Draw Copper	9		2.03	40.66	71.10	2000	µg/l
E.Coli Confirmed	109		0.00	0.00	0.00		cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00	0	cfu/100mL
Total Iron	36	<	3.72	4.78	16.00	200	µgFe/l
First Draw Pb	8		0.13	0.42	1.40	10	µgPb/l
Total Manganese	36		0.30	0.67	3.11	50	µgMn/l
First Draw Nickel	9		0.39	1.07	2.84	20	µgNi/l
Nitrate as NO3	9		5.24	15.57	20.10		mgNO3/l
Nitrite as NO2 (consumer tap)	9	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	36		0.00	0.00	0.00	0	-
PAH Total	9		0.00	0.00	0.00	0.1	µg/l
Selenium Total	9		0.32	0.41	0.65	10	µgSe/l
Sodium	9		13.20	16.21	24.80	200	mgNa/l
Taste Dilution Number	36		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		9.60	15.72	31.12	100	µg/l
Turbidity (Treated)	37	<	0.13	0.15	0.31	4	ntu
Hydrogen ion (pH)	34		7.26	7.39	7.66		pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	34		< 0.01	0.01	0.02		mgNH4/l
Colony Count after 3 days @22C	109		0.00	5.57	300.00		cfu/mL
Total Coliforms (Indicator)	109	1	0.00	0.02	2.00		cfu/100mL
Field Free Chlorine	109		0.05	0.43	0.80		mg/L
Field Total Chlorine	109		0.14	0.52	0.83		mg/L