

PUBLIC REGISTER OF INFORMATION
Water Quality Summary Date Range: 01 January 2021 to 31 December 2021

Water Supply Zone: 417

Water Supply Zone Area: Nailsea, Backwell and Yatton

Water Supply Zone Population: 41,282

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	35	<	6.90	7.79	14.50	200	ugAl/l
Antimony Total	8	<	0.05	0.08	0.13		µgSb/l
Arsenic Total	8		0.59	1.35	1.73	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8	<	0.15	0.16	0.19	10	µgBrO3/l
Cadmium Total	8		0.09	0.14	0.17		µgCd/l
Colour	35	<	2.90	2.90	3.00	20	mg/l Pt/Co
Chromium Total	8	<	0.10	0.18	0.23		µgCr/l
First Draw Copper	8		6.20	238.24	798.00	2000	µg/l
E.Coli Confirmed	108		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	35	<	3.72	4.23	5.81	200	µgFe/l
First Draw Pb	8		0.11	0.34	0.60	10	µgPb/l
Total Manganese	35	<	0.30	0.49	1.15	50	µgMn/l
First Draw Nickel	8		0.35	0.96	1.66	20	µgNi/l
Nitrate as NO3	8		14.41	16.47	19.20		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	35		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		0.32	0.45	0.64	10	µgSe/l
Sodium	8		14.80	17.31	21.60	200	mgNa/l
Taste Dilution Number	35		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		9.47	13.27	17.52	100	µg/l
Turbidity (Treated)	35		0.13	0.15	0.24	4	ntu
Hydrogen ion (pH)	35		7.18	7.38	7.72	9.5	pH units

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Ammonium Total	36		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	108		0.00	3.98	137.00		cfu/mL
Total Coliforms (Indicator)	108		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	108		0.10	0.42	0.70		mg/L
Field Total Chlorine	108		0.13	0.51	0.84		mg/L