

PUBLIC REGISTER OF INFORMATION
Water Quality Summary Date Range: 01 July 2020 to 30 June 2021

Water Supply Zone: 417

Water Supply Zone Area: Nailsea, Backwell and Yatton

Water Supply Zone Population: 41,157

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	35	<	6.90	8.02	14.50	200	ugAl/l
Antimony Total	8		0.06	0.08	0.13		µgSb/l
Arsenic Total	8		0.59	1.18	1.58	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.15	0.18	0.27	10	µgBrO3/l
Cadmium Total	8		0.09	0.12	0.16		µgCd/l
Colour	35	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8		0.10	0.16	0.19		µgCr/l
First Draw Copper	11		8.60	162.48	350.00	2000	µg/l
E.Coli Confirmed	106		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	5.55	27.20	200	µgFe/l
First Draw Pb	11		0.10	0.58	2.19	10	µgPb/l
Total Manganese	35		0.30	0.48	1.46	50	µgMn/l
First Draw Nickel	11		0.18	0.83	1.25	20	µgNi/l
Nitrate as NO3	8		11.59	15.56	18.37		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	34		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	0.41	0.51	10	µgSe/l
Sodium	8		15.30	18.63	21.60	200	mgNa/l
Taste Dilution Number	34		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		11.67	17.54	27.13	100	µg/l
Turbidity (Treated)	35	<	0.13	0.17	0.36	4	ntu
Hydrogen ion (pH)	34		7.28	7.44	7.72	9.5	pH units

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Ammonium Total	35		< 0.01	0.01	0.04		mgNH4/l
Colony Count after 3 days @22C	106		0.00	1.13	34.00		cfu/mL
Total Coliforms (Indicator)	106		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	106		0.05	0.34	0.60		mg/L
Field Total Chlorine	106		0.13	0.43	0.69		mg/L