

PUBLIC REGISTER OF INFORMATION
Water Quality Summary Date Range: 01 January 2020 to 31 December 2020

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	36	<	6.90	11.70	72.40	200	ugAl/l
Antimony Total	8		0.07	0.08	0.11		µgSb/l
Arsenic Total	8		0.72	1.29	1.75	10	µgAs/l
Benzo(a)Pyrene	9		0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9	<	0.15	0.18	0.27	10	µgBrO3/l
Cadmium Total	8		0.08	0.12	0.16		µgCd/l
Colour	36	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8	<	0.15	0.22	0.38		µgCr/l
First Draw Copper	10		1.50	114.57	350.00	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	36	<	3.72	5.31	27.20	200	µgFe/l
First Draw Pb	10		0.10	0.53	2.19	10	µgPb/l
Total Manganese	36	<	0.30	0.55	3.26	50	µgMn/l
First Draw Nickel	10		0.18	0.74	1.07	20	µgNi/l
Nitrate as NO3	8		11.59	15.99	20.04		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	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	8		0.32	0.41	0.56	10	µgSe/l
Sodium	8		16.30	18.20	21.00	200	mgNa/l
Taste Dilution Number	36		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		10.38	17.18	27.13	100	µg/l
Turbidity (Treated)	36	<	0.15	0.20	0.37	4	ntu
Hydrogen ion (pH)	36		7.28	7.44	7.64	9.5	pH units

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020

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
Ammonium Total	36		< 0.00	0.01	0.04		mgNH4/l
Colony Count after 3 days @22C	108		0.00	0.56	8.00		cfu/mL
Colony Count after 2 days @37C	34		0.00	0.21	4.00		cfu/mL
Total Coliforms (Indicator)	108		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	108		0.05	0.35	0.70		mg/L
Field Total Chlorine	108		0.17	0.43	0.77		mg/L