

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

**Water Supply Zone:** 404

**Water Supply Zone Area:** Filton and Northville

**Water Supply Zone Population:** 51,167

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52		6.90	12.49	30.70	200	ugAl/l
Antimony Total	8		0.13	0.25	0.43		µgSb/l
Arsenic Total	8		0.18	0.32	0.50	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.15	1.47	4.10	10	µgBrO3/l
Cadmium Total	8	<	0.03	0.03	0.03		µgCd/l
Colour	52	<	2.90	2.91	3.00	20	mg/l Pt/Co
Chromium Total	8		0.18	0.22	0.36		µgCr/l
First Draw Copper	8		0.35	17.30	127.00	2000	µg/l
E.Coli Confirmed	133		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	52	<	3.72	10.87	73.50	200	µgFe/l
First Draw Pb	8		0.04	0.37	0.93	10	µgPb/l
Total Manganese	52	<	0.30	0.82	3.30	50	µgMn/l
First Draw Nickel	8		0.93	2.05	9.08	20	µgNi/l
Nitrate as NO3	8		20.24	22.63	27.48		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	53		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	0.34	0.42	10	µgSe/l
Sodium	8		24.20	32.25	52.50	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		10.29	21.68	32.52	100	µg/l
Turbidity (Treated)	52		0.13	0.20	0.62	4	ntu
Hydrogen ion (pH)	51		7.15	7.46	7.86	9.5	pH units

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### Prescribed Concentration Values

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	52		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	133		0.00	1.67	86.00		cfu/mL
Total Coliforms (Indicator)	133		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	133		0.08	0.57	0.92		mg/L
Field Total Chlorine	133		0.21	0.68	1.05		mg/L