

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

**Water Supply Zone:** 404

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

**Water Supply Zone Population:** 50,009

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	36		6.90	15.54	74.10	200	ugAl/l
Antimony Total	8		0.14	0.33	0.58		µgSb/l
Arsenic Total	8		0.21	0.31	0.43	10	µgAs/l
Benzo(a)Pyrene	8		< 0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.56	1.63	4.40	10	µgBrO3/l
Cadmium Total	8		< 0.01	0.02	0.03		µgCd/l
Colour	36		< 2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8		0.04	0.19	0.39		µgCr/l
First Draw Copper	9		0.92	21.32	66.90	2000	µg/l
E.Coli Confirmed	120		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	14.61	52.00	200	µgFe/l
First Draw Pb	9	1	0.07	2.54	10.70	10	µgPb/l
Total Manganese	36		0.30	1.76	4.06	50	µgMn/l
First Draw Nickel	9		0.71	0.94	1.03	20	µgNi/l
Nitrate as NO3	8		15.62	21.31	25.97		mgNO3/l
Nitrite as NO2 (consumer tap)	8		< 0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	37		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		0.18	0.29	0.40	10	µgSe/l
Sodium	8		25.80	37.01	49.30	200	mgNa/l
Taste Dilution Number	37		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		17.30	30.13	46.66	100	µg/l
Turbidity (Treated)	36		0.15	0.23	0.45	4	ntu
Hydrogen ion (pH)	36		7.29	7.53	7.84	9.5	pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	36		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	120		0.00	1.14	64.00		cfu/mL
Colony Count after 2 days @37C	37		0.00	2.11	50.00		cfu/mL
Total Coliforms (Indicator)	120	1	0.00	0.01	1.00	0	cfu/100mL
Field Free Chlorine	120		0.05	0.38	1.06		mg/L
Field Total Chlorine	120		0.16	0.51	1.08		mg/L