

**PUBLIC REGISTER OF INFORMATION**

**Water Quality Summary Date Range:** 01 January 2020 to 31 December 2020  
**Water Supply Zone:** 403  
**Water Supply Zone Area:** Sherston, Marshfield and Pucklechurch  
**Water Supply Zone Population:** 20,904

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	24		< 6.90	9.52	22.50	200	ugAl/l
Antimony Total	9		0.02	0.13	0.36		µgSb/l
Arsenic Total	9		0.06	0.18	0.33	10	µgAs/l
Benzo(a)Pyrene	9		< 0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9		0.15	0.93	1.80	10	µgBrO3/l
Cadmium Total	9		< 0.01	0.02	0.03		µgCd/l
Colour	24		< 2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	9		< 0.04	0.14	0.27		µgCr/l
First Draw Copper	11		2.50	6.36	14.30	2000	µg/l
E.Coli Confirmed	61		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00	0	cfu/100mL
Total Iron	25		3.72	23.23	104.00	200	µgFe/l
First Draw Pb	11		0.02	0.03	0.05	10	µgPb/l
Total Manganese	24		< 0.30	0.65	1.31	50	µgMn/l
First Draw Nickel	11		0.38	0.83	1.22	20	µgNi/l
Nitrate as NO3	9		0.93	13.49	24.43		mgNO3/l
Nitrite as NO2 (consumer tap)	9		< 0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	25	2	0.00	0.21	4.00	0	-
PAH Total	9		0.00	0.00	0.00	0.1	µg/l
Selenium Total	9		< 0.08	0.25	0.36	10	µgSe/l
Sodium	9		25.90	38.28	55.60	200	mgNa/l
Taste Dilution Number	25	1	0.00	0.04	1.00	0	-
Total Trihalomethanes	9		7.69	19.72	40.38	100	µg/l
Turbidity (Treated)	24		0.15	0.22	0.49	4	ntu
Hydrogen ion (pH)	24		7.14	7.44	7.58	9.5	pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	24		< 0.00	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	61		0.00	2.74	136.00		cfu/mL
Colony Count after 2 days @37C	19		0.00	14.26	156.00		cfu/mL
Total Coliforms (Indicator)	61		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	61		0.05	0.35	0.80		mg/L
Field Total Chlorine	61		0.12	0.44	0.89		mg/L