

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2021 to 31 December 2021
Water Supply Zone: 403
Water Supply Zone Area: Sherston, Marshfield and Pucklechurch
Water Supply Zone Population: 20,868

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	24	<	6.90	9.43	22.40	200	ugAl/l
Antimony Total	8		0.07	0.14	0.34		µgSb/l
Arsenic Total	8	<	0.15	0.18	0.23	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.64	1.14	10	ng/L
Bromate as BrO3	8	<	0.15	0.92	1.80	10	µgBrO3/l
Cadmium Total	8	<	0.01	0.03	0.03		µgCd/l
Colour	23	<	2.90	2.90	3.00	20	mg/l Pt/Co
Chromium Total	8	<	0.11	0.18	0.21		µgCr/l
First Draw Copper	8		3.70	105.37	329.00	2000	µg/l
E.Coli Confirmed	60		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	24	<	3.72	6.79	18.80	200	µgFe/l
First Draw Pb	8		0.02	0.16	0.66	10	µgPb/l
Total Manganese	23	<	0.30	0.65	1.83	50	µgMn/l
First Draw Nickel	8		0.81	1.89	4.89	20	µgNi/l
Nitrate as NO3	8		2.13	13.73	24.25		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	24		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8	<	0.26	0.31	0.32	10	µgSe/l
Sodium	8		28.90	36.50	46.60	200	mgNa/l
Taste Dilution Number	24		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		4.44	18.44	34.50	100	µg/l
Turbidity (Treated)	24	<	0.13	0.18	0.46	4	ntu
Hydrogen ion (pH)	24		7.15	7.42	7.63	9.5	pH units

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Ammonium Total	24		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	60		0.00	1.10	20.00		cfu/mL
Total Coliforms (Indicator)	60		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	60		0.05	0.43	0.80		mg/L
Field Total Chlorine	60		0.19	0.52	0.86		mg/L