

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020
Water Supply Zone: 401
Water Supply Zone Area: Falfield, Charfield, Wickwar and Hawkesbury Upton
Water Supply Zone Population: 18,657

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	48		< 6.90	9.06	21.80	200	ugAl/l
Antimony Total	8		0.03	0.15	0.42		µgSb/l
Arsenic Total	8		0.08	0.20	0.36	10	µgAs/l
Benzo(a)Pyrene	8		< 0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		< 0.15	1.43	5.40	10	µgBrO3/l
Cadmium Total	8		< 0.01	0.02	0.03		µgCd/l
Colour	24		< 2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8		0.04	0.23	0.38		µgCr/l
First Draw Copper	9		4.20	86.36	192.00	2000	µg/l
E.Coli Confirmed	48		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	8		0.00	0.00	0.00	0	cfu/100mL
Total Iron	48		3.72	40.28	161.00	200	µgFe/l
First Draw Pb	18	4	0.08	9.47	21.20	10	µgPb/l
Total Manganese	48		< 0.30	0.70	1.22	0.0	µgMn/l
First Draw Nickel	9		0.17	0.62	0.91	20	µgNi/l
Nitrate as NO3	8		2.13	16.88	24.66		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		0.08	0.29	0.50	10	µgSe/l
Sodium	8		17.40	33.55	68.90	200	mgNa/l
Taste Dilution Number	24		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		10.10	17.12	35.46	100	µg/l
Turbidity (Treated)	48		0.15	0.25	0.62	0.0	ntu
Hydrogen ion (pH)	24		7.11	7.45	7.83	9.5	pH units

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Ammonium Total	24		< 0.00	0.01	0.01	0.0	mgNH4/l
Colony Count after 3 days @22C	48		0.00	1.77	43.00		cfu/mL
Colony Count after 2 days @37C	16		0.00	0.25	2.00		cfu/mL
Total Coliforms (Indicator)	48		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	48		0.06	0.37	0.71		mg/L
Field Total Chlorine	48		0.20	0.47	0.81		mg/L