

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020
Water Supply Zone: 414
Water Supply Zone Area: Whitchurch, Hengrove, Knowle and Knowle Park
Water Supply Zone Population: 78,345

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52		6.90	18.69	40.70	200	ugAl/l
Antimony Total	8		0.11	0.15	0.28		µgSb/l
Arsenic Total	8		0.50	0.73	1.03	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8	<	0.15	0.45	2.10	10	µgBrO3/l
Cadmium Total	8		0.01	0.04	0.08		µgCd/l
Colour	52	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8	<	0.04	0.15	0.18		µgCr/l
First Draw Copper	10		2.25	45.80	178.00	2000	µg/l
E.Coli Confirmed	193		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	14.95	84.00	200	µgFe/l
First Draw Pb	10		0.04	1.45	2.59	10	µgPb/l
Total Manganese	52	<	0.30	1.62	4.08	50	µgMn/l
First Draw Nickel	10		0.60	0.88	1.13	20	µgNi/l
Nitrate as NO3	8		2.13	11.38	19.20		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	52		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8	<	0.13	0.27	0.32	10	µgSe/l
Sodium	8		19.40	24.46	39.30	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		14.64	27.52	39.06	100	µg/l
Turbidity (Treated)	52		0.15	0.21	0.38	4	ntu
Hydrogen ion (pH)	52		7.41	7.71	7.92	9.5	pH units

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Ammonium Total	52		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	193		0.00	34.28	300.00		cfu/mL
Colony Count after 2 days @37C	59		0.00	1.17	19.00		cfu/mL
Total Coliforms (Indicator)	193		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	193		0.05	0.21	0.80		mg/L
Field Total Chlorine	193		0.13	0.37	0.92		mg/L