

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2021 to 31 December 2021
Water Supply Zone: 414
Water Supply Zone Area: Whitchurch, Hengrove, Knowle and Knowle Park
Water Supply Zone Population: 79,051

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	53	<	6.90	13.75	42.60	200	ugAl/l
Antimony Total	8		0.10	0.13	0.19		µgSb/l
Arsenic Total	8		0.62	0.78	0.92	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.15	0.57	1.70	10	µgBrO3/l
Cadmium Total	8	<	0.01	0.03	0.06		µgCd/l
Colour	52	<	2.90	2.91	3.00	20	mg/l Pt/Co
Chromium Total	8	<	0.06	0.15	0.18		µgCr/l
First Draw Copper	8		0.82	20.92	42.40	2000	µg/l
E.Coli Confirmed	197		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	5.23	23.60	200	µgFe/l
First Draw Pb	8		0.02	1.23	4.36	10	µgPb/l
Total Manganese	52		0.30	1.09	8.33	50	µgMn/l
First Draw Nickel	8		0.55	0.99	1.94	20	µgNi/l
Nitrate as NO3	8		3.95	10.40	15.84		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	<	0.12	0.28	0.32	10	µgSe/l
Sodium	8		16.40	22.29	29.40	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		18.22	29.03	42.60	100	µg/l
Turbidity (Treated)	52	<	0.13	0.17	0.42	4	ntu
Hydrogen ion (pH)	52		7.36	7.59	7.83	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	197		> 0.00	13.91	300.00		cfu/mL
Total Coliforms (Indicator)	197	1	0.00	0.01	1.00		cfu/100mL
Field Free Chlorine	197		0.05	0.30	0.67		mg/L
Field Total Chlorine	197		0.05	0.44	0.79		mg/L