BRISTOL WATER

Report Date: 20-July-2021

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2020 to 30 June 2021

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	15.91	42.60	200	ugAl/l
Antimony Total	8		0.11	0.15	0.28		µgSb/l
Arsenic Total	8		0.51	0.77	1.03	10	µgAs/l
Benzo(a)Pyrene	8		< 0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		< 0.15	0.43	2.10	10	µgBrO3/l
Cadmium Total	8		< 0.01	0.04	0.06		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	11		1.91	47.19	178.00	2000	µg/l
E.Coli Confirmed	202		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	12.11	84.00	200	µgFe/l
First Draw Pb	11		0.52	1.76	4.36	10	µgPb/l
Total Manganese	52		0.51	1.49	4.08	50	µgMn/l
First Draw Nickel	11		0.58	0.85	1.13	20	µgNi/l
Nitrate as NO3	8		2.13	10.84	19.20		mgNO3/l
Nitrite as NO2 (consumer tap)	8		< 0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	53		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	0.27	0.32	10	µgSe/l
Sodium	8		16.40	23.24	39.30	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		18.22	29.29	41.28	100	µg/l
Turbidity (Treated)	53		< 0.13	0.18	0.42	4	ntu
Hydrogen ion (pH)	51		7.36	7.67	7.92	9.5	pH units

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Ammonium Total	**53**		<	**0.01**	**0.01**	**0.01**		mgNH4/l
Colony Count after 3 days @22C	**202**		>	**0.00**	**38.22**	**300.00**		cfu/mL
Total Coliforms (Indicator)	**202**	**1**		**0.00**	**0.00**	**1.00**	0	cfu/100mL
Field Free Chlorine	**202**			**0.05**	**0.24**	**0.63**		mg/L
Field Total Chlorine	**202**			**0.13**	**0.39**	**0.66**		mg/L