

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2021 to 31 December 2021
Water Supply Zone: 416
Water Supply Zone Area: Thornbury, Shirehampton, Pill and Portishead
Water Supply Zone Population: 72,307

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	53		6.90	13.84	41.80	200	ugAl/l
Antimony Total	8		0.09	0.16	0.36		µgSb/l
Arsenic Total	8		0.22	0.78	1.47	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.15	1.48	8.20	10	µgBrO3/l
Cadmium Total	8	<	0.03	0.06	0.12		µgCd/l
Colour	52	<	2.90	2.91	3.10	20	mg/l Pt/Co
Chromium Total	8		0.06	0.18	0.23		µgCr/l
First Draw Copper	8		1.72	37.58	193.00	2000	µg/l
E.Coli Confirmed	181		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	7.63	56.30	200	µgFe/l
First Draw Pb	8		0.04	0.37	1.44	10	µgPb/l
Total Manganese	53		0.30	0.69	3.64	50	µgMn/l
First Draw Nickel	8		0.41	1.28	2.82	20	µgNi/l
Nitrate as NO3	8		8.31	17.03	25.33		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	<	0.24	0.33	0.42	10	µgSe/l
Sodium	8		17.70	25.06	40.60	200	mgNa/l
Taste Dilution Number	53		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		16.74	24.92	35.75	100	µg/l
Turbidity (Treated)	52		0.13	0.20	0.71	4	ntu
Hydrogen ion (pH)	53		7.14	7.43	7.64	9.5	pH units

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Ammonium Total	54		< 0.01	0.01	0.01		mgNH4/l
Colony Count after 3 days @22C	181		0.00	17.38	300.00		cfu/mL
Total Coliforms (Indicator)	181		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	181		0.05	0.38	0.83		mg/L
Field Total Chlorine	181		0.05	0.49	0.97		mg/L