

**PUBLIC REGISTER OF INFORMATION**

**Water Quality Summary Date Range:** 01 July 2020 to 30 June 2021  
**Water Supply Zone:** 416  
**Water Supply Zone Area:** Thornbury, Shirehampton, Pill and Portishead  
**Water Supply Zone Population:** 72,439

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	53		6.90	15.81	41.80	200	ugAl/l
Antimony Total	9		0.09	0.24	0.49		µgSb/l
Arsenic Total	9		0.25	0.69	1.26	10	µgAs/l
Benzo(a)Pyrene	10		0.57	0.57	0.57	10	ng/L
Bromate as BrO3	9		0.15	0.68	1.60	10	µgBrO3/l
Cadmium Total	9		0.01	0.05	0.10		µgCd/l
Colour	54		< 2.90	2.90	3.10	20	mg/l Pt/Co
Chromium Total	9		0.06	0.14	0.19		µgCr/l
First Draw Copper	10		2.50	54.92	193.00	2000	µg/l
E.Coli Confirmed	182		0.00	0.00	0.00	0	cfu/100mL
Enterococci Confirmed	9		0.00	0.00	0.00	0	cfu/100mL
Total Iron	53		< 3.72	10.59	41.40	200	µgFe/l
First Draw Pb	10	1	0.06	2.87	17.20	10	µgPb/l
Total Manganese	52		< 0.30	0.62	1.59	50	µgMn/l
First Draw Nickel	10		0.60	1.70	5.48	20	µgNi/l
Nitrate as NO3	9		8.31	18.33	25.03		mgNO3/l
Nitrite as NO2 (consumer tap)	9		< 0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	54		0.00	0.00	0.00	0	-
PAH Total	10		0.00	0.00	0.00	0.1	µg/l
Selenium Total	9		0.14	0.27	0.34	10	µgSe/l
Sodium	9		17.70	28.46	47.40	200	mgNa/l
Taste Dilution Number	54		0.00	0.00	0.00	0	-
Total Trihalomethanes	9		16.74	29.70	49.30	100	µg/l
Turbidity (Treated)	53		0.13	0.20	0.39	4	ntu
Hydrogen ion (pH)	52		7.24	7.54	7.96	9.5	pH units

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Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	52		< 0.01	0.01	0.03		mgNH4/l
Colony Count after 3 days @22C	182		0.00	15.30	300.00		cfu/mL
Total Coliforms (Indicator)	182		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	183		0.05	0.32	0.83		mg/L
Field Total Chlorine	183		0.05	0.43	0.97		mg/L