

**PUBLIC REGISTER OF INFORMATION**

**Water Quality Summary Date Range:** 01 January 2020 to 31 December 2020  
**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	52		6.90	17.20	41.30	200	ugAl/l
Antimony Total	8		0.11	0.27	0.49		µgSb/l
Arsenic Total	8		0.21	0.53	0.97	10	µgAs/l
Benzo(a)Pyrene	9		< 0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8		0.16	0.94	1.60	10	µgBrO3/l
Cadmium Total	8		< 0.01	0.04	0.10		µgCd/l
Colour	52		< 2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8		< 0.11	0.16	0.26		µgCr/l
First Draw Copper	9		2.50	25.79	82.70	2000	µg/l
E.Coli Confirmed	180		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	10.78	41.40	200	µgFe/l
First Draw Pb	9	1	0.06	3.72	17.20	10	µgPb/l
Total Manganese	52		< 0.30	0.66	2.14	50	µgMn/l
First Draw Nickel	9		0.60	1.89	5.48	20	µgNi/l
Nitrate as NO3	8		18.57	20.65	25.03		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	9		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		< 0.14	0.27	0.34	10	µgSe/l
Sodium	8		20.10	31.84	47.40	200	mgNa/l
Taste Dilution Number	52		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		15.81	29.44	49.30	100	µg/l
Turbidity (Treated)	52		0.15	0.21	0.78	4	ntu
Hydrogen ion (pH)	52		7.27	7.58	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		< 0.00	0.01	0.03		mgNH4/l
Colony Count after 3 days @22C	180		0.00	2.04	71.00		cfu/mL
Colony Count after 2 days @37C	52		0.00	1.44	40.00		cfu/mL
Total Coliforms (Indicator)	180		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	180		0.05	0.27	0.80		mg/L
Field Total Chlorine	180		0.08	0.40	0.85		mg/L