

**PUBLIC REGISTER OF INFORMATION**

**Water Quality Summary Date Range:** 01 January 2021 to 31 December 2021  
**Water Supply Zone:** 418  
**Water Supply Zone Area:** Worle, Weston-Super-Mare north and central  
**Water Supply Zone Population:** 59,322

**Prescribed Concentration Values**

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52	<	6.90	8.69	14.50	200	ugAl/l
Antimony Total	8		0.07	0.07	0.08		µgSb/l
Arsenic Total	8		1.06	1.31	1.56	10	µgAs/l
Benzo(a)Pyrene	8	<	0.57	0.57	0.57	10	ng/L
Bromate as BrO3	8	<	0.15	0.15	0.15	10	µgBrO3/l
Cadmium Total	8		0.28	0.37	0.46		µgCd/l
Colour	52	<	2.90	2.91	3.00	20	mg/l Pt/Co
Chromium Total	8	<	0.18	0.19	0.22		µgCr/l
First Draw Copper	8		2.33	17.47	43.30	2000	µg/l
E.Coli Confirmed	143		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	5.72	72.90	200	µgFe/l
First Draw Pb	8		0.06	0.27	0.51	10	µgPb/l
Total Manganese	52	<	0.30	0.54	2.64	50	µgMn/l
First Draw Nickel	8		0.49	0.73	0.98	20	µgNi/l
Nitrate as NO3	8		5.16	10.99	13.86		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	56		0.00	0.00	0.00	0	-
PAH Total	8		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8	<	0.32	0.32	0.34	10	µgSe/l
Sodium	8		8.81	9.70	13.30	200	mgNa/l
Taste Dilution Number	56		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		7.08	13.51	27.47	100	µg/l
Turbidity (Treated)	52		0.13	0.17	0.52	4	ntu
Hydrogen ion (pH)	52		7.25	7.56	7.76	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	0.02		mgNH4/l
Colony Count after 3 days @22C	143		0.00	9.31	300.00		cfu/mL
Total Coliforms (Indicator)	143		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	143		0.11	0.47	0.79		mg/L
Field Total Chlorine	143		0.25	0.54	0.86		mg/L