

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020
Water Supply Zone: 418
Water Supply Zone Area: Worle, Weston-Super-Mare north and central
Water Supply Zone Population: 59,465

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Aluminium as Al	52	<	6.90	8.86	29.10	200	ugAl/l
Antimony Total	8		0.07	0.08	0.09		µgSb/l
Arsenic Total	8		1.01	1.17	1.43	10	µgAs/l
Benzo(a)Pyrene	9	<	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		0.23	0.31	0.48		µgCd/l
Colour	52	<	2.90	2.90	2.90	20	mg/l Pt/Co
Chromium Total	8		0.04	0.16	0.29		µgCr/l
First Draw Copper	9		3.06	15.51	39.10	2000	µg/l
E.Coli Confirmed	144		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	6.85	87.00	200	µgFe/l
First Draw Pb	9		0.08	1.43	6.15	10	µgPb/l
Total Manganese	52	<	0.30	0.57	1.61	50	µgMn/l
First Draw Nickel	9		0.47	0.60	0.76	20	µgNi/l
Nitrate as NO3	8		5.62	10.27	13.80		mgNO3/l
Nitrite as NO2 (consumer tap)	8	<	0.00	0.00	0.00		mgNO2/l
Odour Dilution Number	64		0.00	0.00	0.00	0	-
PAH Total	9		0.00	0.00	0.00	0.1	µg/l
Selenium Total	8		0.17	0.25	0.34	10	µgSe/l
Sodium	8		8.82	11.21	12.90	200	mgNa/l
Taste Dilution Number	64		0.00	0.00	0.00	0	-
Total Trihalomethanes	8		10.46	15.61	20.79	100	µg/l
Turbidity (Treated)	52		0.15	0.18	0.41	4	ntu
Hydrogen ion (pH)	52		7.42	7.65	7.85	9.5	pH units

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Ammonium Total	52		< 0.00	0.01	0.03		mgNH4/l
Colony Count after 3 days @22C	144		0.00	8.69	124.00		cfu/mL
Colony Count after 2 days @37C	45		0.00	5.84	95.00		cfu/mL
Total Coliforms (Indicator)	144		0.00	0.00	0.00	0	cfu/100mL
Field Free Chlorine	144		0.05	0.46	0.81		mg/L
Field Total Chlorine	144		0.12	0.54	0.87		mg/L