

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 30 Jun 2023 to 01 Jul 2024

Water Supply Zone: 416

Water Supply Zone Area: Thornbury, Shirehampton, Pill and Portishead

Water Supply Zone Population: 72639

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	56	0	0.008	0.01	0.046	0	MGNH_4
Antimony Total	9	0	0.05	0.18	0.42		UGSB
Arsenic Total	9	0	0.28	1.01	1.71	10	UGAS
Benzo(a)Pyrene	9	0	0.42	0.42	0.42	10	NG_P_L
Benzobfluoranthene	9	0	0.0007	0	0.00071		UG_P_L
Benzo-Ghi-Perylene	9	0	0.00077	0	0.00077		UG_P_L
Benzo(k)fluoranthene	9	0	0.00099	0	0.00099		UG_P_L
Bromate as BrO3	9	0	0.1	0.4	1.17	10	UGBRO
Bromodichloromethane	9	0	2.54	6.38	16.58		UG_P_L
Cadmium Total	9	0	0.01	0.07	0.17		UGCDL
Chromium Total	9	0	0.11	0.18	0.23		UGCRL
Colony Count after 3 days @22C	193	0	0	3.62	179		CFU_1ML
Colour	56	0	3	3.07	7.1	20	MG_PT_CO
Dibromochloromethane	9	0	4.65	7.83	14.54		UG_P_L
E.Coli Confirmed	193	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	9	0	0	0	0	0	CFU_100ML
Field Free Chlorine	194	0	0.06	0.43	0.9		MG_P_L
Field Total Chlorine	194	0	0.1	0.53	1.19		MG_P_L
First Draw Copper	9	0	2.03	31.94	77.2	2,000	UG_P_L
First Draw Nickel	9	0	0.38	0.94	1.46	20	UGNI
First Draw Pb	9	0	0.05	0.46	1.48	10	UGPB
Hydrogen ion (pH)	56	0	7.17	7.52	8.01		PH
Indeno-123-Cd-Pyrene	9	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	9	0	14.1	17.93	24.2	50	MGNO_3
Nitrite as NO2 (consumer tap)	9	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	9	0	0.283	0.36	0.485		MG_P_L
Odour Dilution Number	60	0	0	0	0	0	NONE
PAH Total	9	0	0	0	0.0007	0.1	UG_P_L
Selenium Total	9	0	0.19	0.37	0.6	10	UGSE

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Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Sodium	9	0	10.8	20.2	42.4	200	MGNA
Taste Dilution Number	57	0	0	0	0	0	NONE
Total Aluminium as Al	56	0	6.9	10.32	37	200	UGAL
Total Coliforms (Indicator)	193	0	0	0	0	0	CFU_100ML
Total Iron	56	0	3.72	7.89	141	200	UGFE
Total Manganese	57	0	0.3	0.51	4.43	50	UGMN
Total Oxidised Nitrogen	9	0	14.1	17.93	24.2		MG_P_L
Total Trihalomethanes	9	0	11.74	22.13	50.4	100	MICROG_L
Tribromomethane	9	0	1.07	2.93	5.32		UG_P_L
Trichloromethane	9	0	1.15	4.99	17.15		UG_P_L
Turbidity (Treated)	55	0	0.13	0.2	0.65	4	NTU