

PUBLIC REGISTER OF INFORMATION

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

Water Supply Zone: 413

Water Supply Zone Area: Longwell Green, Saltford and Keynsham

Water Supply Zone Population: 62837

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	58	0	0.008	0.01	0.019	0	MGNH_4
Antimony Total	9	0	0.15	0.27	0.5		UGSB
Arsenic Total	9	0	0.22	0.33	0.76	10	UGAS
Benzo(a)Pyrene	9	0	0.42	0.42	0.42	10	NG_P_L
Benzobfluoranthene	9	0	0.0007	0	0.0007		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	0.9	1.55	2.64	10	UGBRO
Bromodichloromethane	10	0	4.69	8.9	14.23		UG_P_L
Cadmium Total	9	0	0.01	0.03	0.03		UGCDL
Chromium Total	9	0	0.12	0.2	0.37		UGCRL
Colony Count after 3 days @22C	173	0	0	10.95	300		CFU_1ML
Colour	57	0	3	3	3	20	MG_PT_CO
Dibromochloromethane	10	0	8.04	11.02	17.97		UG_P_L
E.Coli Confirmed	173	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	9	0	0	0	0	0	CFU_100ML
Field Free Chlorine	174	0	0.05	0.37	0.84		MG_P_L
Field Total Chlorine	174	0	0.1	0.49	0.98		MG_P_L
First Draw Copper	9	0	0.65	37.43	144	2,000	UG_P_L
First Draw Nickel	9	0	0.98	2.4	8.2	20	UGNI
First Draw Pb	9	0	0.04	0.37	1.18	10	UGPB
Hydrogen ion (pH)	57	0	7.07	7.58	7.89		PH
Indeno-123-Cd-Pyrene	9	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	9	0	9.52	17.66	20.8	50	MGNO_3
Nitrite as NO2 (consumer tap)	9	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	9	0	0.191	0.35	0.417		MG_P_L
Odour Dilution Number	59	0	0	0	0	0	NONE
PAH Total	9	0	0	0	0	0.1	UG_P_L
Selenium Total	9	0	0.15	0.29	0.45	10	UGSE

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Sodium	9	0	19	47.41	171	200	MGNA
Taste Dilution Number	58	0	0	0	0	0	NONE
Total Aluminium as Al	58	0	6.9	9.62	25.5	200	UGAL
Total Coliforms (Indicator)	173	2	0	0.12	20	0	CFU_100ML
Total Iron	58	0	3.72	8.04	40	200	UGFE
Total Manganese	58	0	0.3	0.61	1.86	50	UGMN
Total Oxidised Nitrogen	9	0	9.52	17.66	20.8		MG_P_L
Total Trihalomethanes	10	0	18.55	29.95	46.34	100	MICROG_L
Tribromomethane	10	0	2.55	3.59	5.94		UG_P_L
Trichloromethane	10	0	2.46	6.45	10.55		UG_P_L
Turbidity (Treated)	57	1	0.13	0.31	7.73	4	NTU