

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 Jan 2024 to 31 Dec 2024

Water Supply Zone: 413

Water Supply Zone Area: Longwell Green, Saltford and Keynsham

Water Supply Zone Population: 63670

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	53	0	0.008	0.01	0.031	0	MGNH_4
Antimony Total	8	0	0.15	0.25	0.39		UGSB
Arsenic Total	8	0	0.2	0.33	0.54	10	UGAS
Benzo(a)Pyrene	10	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	10	0	0.00077	0	0.00077		UG_P_L
Benzo(k)fluoranthene	10	0	0.00099	0	0.00099		UG_P_L
Bromate as BrO3	8	0	0.9	1.54	3.01	10	UGBRO
Bromodichloromethane	8	0	4.69	7.24	11.49		UG_P_L
Cadmium Total	8	0	0.01	0.03	0.03		UGCDL
Chromium Total	8	0	0.12	0.2	0.37		UGCRL
Colony Count after 3 days @22C	157	0	0	4.78	300		CFU_1ML
Colour	52	0	3	3.08	6	20	MG_PT_CO
Dibromochloromethane	8	0	7.74	9.4	15.04		UG_P_L
E.Coli Confirmed	157	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	8	0	0	0	0	0	CFU_100ML
Field Free Chlorine	158	0	0.05	0.44	0.89		MG_P_L
Field Total Chlorine	158	0	0.13	0.56	0.98		MG_P_L
First Draw Copper	8	0	1.35	24.03	133	2,000	UG_P_L
First Draw Nickel	8	0	0.77	2.21	8.2	20	UGNI
First Draw Pb	9	0	0.03	0.27	1.32	10	UGPB
Hydrogen ion (pH)	52	0	7.3	7.51	7.72		PH
Indeno-123-Cd-Pyrene	10	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	8	0	14.24	17.24	20.7	50	MGNO_3
Nitrite as NO2 (consumer tap)	8	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	8	0	0.285	0.35	0.415		MG_P_L
Odour Dilution Number	53	0	0	0	0	0	NONE
PAH Total	9	0	0	0	0	0.1	UG_P_L
Selenium Total	8	0	0.16	0.3	0.35	10	UGSE

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Sodium	8	0	19	25.86	38	200	MGNA
Taste Dilution Number	53	0	0	0	0	0	NONE
Total Aluminium as Al	53	1	6.9	14.93	222	200	UGAL
Total Coliforms (Indicator)	157	2	0	0.13	20	0	CFU_100ML
Total Iron	52	0	3.72	8.66	51.5	200	UGFE
Total Manganese	53	0	0.3	0.78	5.56	50	UGMN
Total Oxidised Nitrogen	8	0	14.24	17.24	20.7		MG_P_L
Total Trihalomethanes	8	0	18.55	25.44	37.6	100	MICROG_L
Tribromomethane	8	0	0.92	3.3	6.29		UG_P_L
Trichloromethane	8	0	2.46	5.51	16.65		UG_P_L
Turbidity (Treated)	53	0	0.07	0.17	0.54	4	NTU