

PUBLIC REGISTER OF INFORMATION

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

Water Supply Zone: 423

Water Supply Zone Area: Frome, Norton St Philip, Leigh-on-Mendip and Coleford

Water Supply Zone Population: 44316

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
1,2 Dichloroethane	1	0	0.16	0.16	0.16	3	UG_P_L
2,4-Dichlorophenoxyacetic acid	1	0	0.011	0.01	0.011	0.1	UG_P_L
Ammonium Total	36	0	0.008	0.01	0.015	0	MGNH_4
Antimony Total	9	0	0.14	0.15	0.17		UGSB
Arsenic Total	9	0	1.03	1.24	1.5	10	UGAS
Atrazine	1	0	0.006	0.01	0.006	0.1	UG_P_L
Benzene	1	0	0.06	0.06	0.06	1	UG_P_L
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
Boron Total	1	0	48.8	48.8	48.8		UG_P_L
Bromate as BrO3	9	0	0.1	0.11	0.2	10	UGBRO
Bromodichloromethane	9	0	0.79	1.33	2.18		UG_P_L
Cadmium Total	9	0	0.31	0.53	0.76		UGCDL
Carbetamide	1	0	0.009	0.01	0.009	0.1	UG_P_L
Chloride as Cl	1	0	20.4	20.4	20.4	250	MGCL
Chromium Total	9	0	0.08	0.26	0.47		UGCRL
Clopyralid	1	0	0.011	0.01	0.011	0.1	UG_P_L
Clostridia Perfringens Confirmed	1	0	0	0	0	0	CFU_100ML
Colony Count after 3 days @22C	109	0	0	1.53	43		CFU_1ML
Colour	36	0	3	3	3	20	MG_PT_CO
Conductivity	1	0	584	584	584	2,500	US_P_CM
Cyanide Total as CN	1	0	1.2	1.2	1.2	50	UGCNL
Dibromochloromethane	9	0	2.23	3	4.17		UG_P_L
Dicamba	1	0	0.012	0.01	0.012	0.1	UG_P_L
E.Coli Confirmed	109	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	9	0	0	0	0	0	CFU_100ML
Field Free Chlorine	109	0	0.05	0.38	0.61		MG_P_L

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

Water Supply Zone: 423

Water Supply Zone Area: Frome, Norton St Philip, Leigh-on-Mendip and Coleford

Water Supply Zone Population: 44316

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Field Total Chlorine	109	0	0.08	0.44	0.9		MG_P_L
First Draw Copper	9	0	7.27	127.89	387	2,000	UG_P_L
First Draw Nickel	9	0	1.89	3.8	4.96	20	UGNI
First Draw Pb	9	0	1.29	2.04	3.95	10	UGPB
Fluoride	1	0	370	370	370	1,500	UG_P_L
Fluroxypyr	1	0	0.008	0.01	0.008	0.1	UG_P_L
Glyphosate	1	0	0.005	0.01	0.005	0.1	UG_P_L
Gross Alpha	1	0	0.035	0.04	0.035		BQ_P_L
Gross Beta	1	0	0.094	0.09	0.094		BQ_P_L
Hydrogen ion (pH)	36	0	7.24	7.35	7.63		PH
Indeno-123-Cd-Pyrene	9	0	0.00104	0	0.00104		UG_P_L
MCPA	1	0	0.006	0.01	0.006	0.1	UG_P_L
MCPB	1	0	0.008	0.01	0.008	0.1	UG_P_L
MCPP	1	0	0.009	0.01	0.009	0.1	UG_P_L
Mercury Total	1	0	0.06	0.06	0.06		UGHG
Metazachlor	1	0	0.005	0.01	0.005	0.1	UG_P_L
Nitrate as NO3	9	0	24.7	27.09	29	50	MGNO_3
Nitrite as NO2 (consumer tap)	9	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	9	0	0.495	0.54	0.581		MG_P_L
Odour Dilution Number	36	0	0	0	0	0	NONE
PAH Total	9	0	0	0	0	0.1	UG_P_L
Propyzamide	1	0	0.009	0.01	0.009	0.1	UG_P_L
Quinmerac	1	0	0.006	0.01	0.006	0.1	UG_P_L
Selenium Total	9	0	0.53	0.92	1.42	10	UGSE
Sodium	9	0	10.9	11.64	12.2	200	MGNA
Sulphate	1	0	39.5	39.5	39.5	250	MGSO_4
Taste Dilution Number	36	0	0	0	0	0	NONE
Tetrachloroethene	1	0	0.45	0.45	0.45		UG_P_L
Tetrachloromethane	1	0	0.16	0.16	0.16	3	UG_P_L
Total Aluminium as Al	37	0	5	8.7	14.5	200	UGAL

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

Water Supply Zone: 423

Water Supply Zone Area: Frome, Norton St Philip, Leigh-on-Mendip and Coleford

Water Supply Zone Population: 44316

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Total Chlorethenes	1	0	0.85	0.85	0.85	10	MICROG_L
Total Coliforms (Indicator)	109	0	0	0	0	0	CFU_100ML
Total Iron	37	0	3.72	4.4	5.42	200	UGFE
Total Manganese	36	0	0.3	0.45	0.85	50	UGMN
Total organic Carbon	1	0	0.93	0.93	0.93		MG_P_L
Total Oxidised Nitrogen	9	0	24.7	27.09	29		MG_P_L
Total Pesticides	1	0	0	0	0	0.5	UG_P_L
Total Trihalomethanes	9	0	5.19	6.85	9.27	100	MICROG_L
Tribromomethane	9	0	1.93	2.44	3.29		UG_P_L
Trichloroethene	1	0	0.4	0.4	0.4		UG_P_L
Trichloromethane	9	0	0.67	0.68	0.79		UG_P_L
Triclopyr	1	0	0.016	0.02	0.016	0.1	UG_P_L
Tritium	1	0	10	10	10	100	BQ_P_L
Turbidity (Treated)	36	0	0.07	0.14	0.33	4	NTU