

PUBLIC REGISTER OF INFORMATION

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

Water Supply Zone: 415

Water Supply Zone Area: Yate, Coalpit Heath and Warmley

Water Supply Zone Population: 67706

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	52	0	0.008	0.01	0.298	0	MGNH_4
Antimony Total	8	0	0.15	0.24	0.46		UGSB
Arsenic Total	8	0	0.19	0.32	0.51	10	UGAS
Benzo(a)Pyrene	8	0	0.42	0.42	0.42	10	NG_P_L
Benzobfluoranthene	8	0	0.0007	0	0.0007		UG_P_L
Benzo-Ghi-Perylene	8	0	0.00077	0	0.00077		UG_P_L
Benzo(k)fluoranthene	8	0	0.00099	0	0.00099		UG_P_L
Bromate as BrO3	8	0	1	1.67	2.66	10	UGBRO
Bromodichloromethane	8	0	3.54	5.26	7.48		UG_P_L
Cadmium Total	8	0	0.01	0.03	0.03		UGCDL
Chromium Total	8	0	0.13	0.22	0.31		UGCRL
Colony Count after 3 days @22C	169	0	0	4.71	248		CFU_1ML
Colour	52	0	3	3	3	20	MG_PT_CO
Dibromochloromethane	8	0	6.49	7.24	8.15		UG_P_L
E.Coli Confirmed	169	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	8	0	0	0	0	0	CFU_100ML
Field Free Chlorine	170	0	0.09	0.59	1.02		MG_P_L
Field Total Chlorine	170	0	0.27	0.69	1.26		MG_P_L
First Draw Copper	8	0	5.41	32.29	145	2,000	UG_P_L
First Draw Nickel	8	0	0.48	1.42	2.17	20	UGNI
First Draw Pb	8	0	0.06	0.33	0.78	10	UGPB
Hydrogen ion (pH)	52	0	7.31	7.48	7.8		PH
Indeno-123-Cd-Pyrene	8	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	8	0	16	18.34	19.4	50	MGNO_3
Nitrite as NO2 (consumer tap)	8	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	8	0	0.321	0.37	0.389		MG_P_L
Odour Dilution Number	52	0	0	0	0	0	NONE
PAH Total	8	0	0	0	0	0.1	UG_P_L
Selenium Total	8	0	0.2	0.32	0.43	10	UGSE

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Sodium	8	0	19.2	26.49	39.1	200	MGNA
Taste Dilution Number	52	0	0	0	0	0	NONE
Total Aluminium as Al	52	0	6.9	10.85	31.4	200	UGAL
Total Coliforms (Indicator)	169	1	0	0.01	1	0	CFU_100ML
Total Iron	53	0	3.72	8.13	56.7	200	UGFE
Total Manganese	52	0	0.3	0.58	2.32	50	UGMN
Total Oxidised Nitrogen	8	0	16	18.34	19.4		MG_P_L
Total Trihalomethanes	8	0	15.26	19.24	26.35	100	MICROG_L
Tribromomethane	8	0	0.91	2.47	3.36		UG_P_L
Trichloromethane	8	0	1.65	4.26	11.16		UG_P_L
Turbidity (Treated)	52	0	0.07	0.17	0.39	4	NTU