

PUBLIC REGISTER OF INFORMATION

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

Water Supply Zone: 401

Water Supply Zone Area: Falfield, Charfield, Wickwar and Hawkesbury Upton

Water Supply Zone Population: 20779

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	24	0	0.008	0.01	0.032	0	MGNH_4
Antimony Total	8	0	0.01	0.1	0.3		UGSB
Arsenic Total	8	0	0.06	0.2	0.39	10	UGAS
Benzo(a)Pyrene	8	0	0.42	0.42	0.42	10	NG_P_L
Benzobfluoranthene	8	0	0.0007	0	0.00128		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	0.1	0.66	1.94	10	UGBRO
Bromodichloromethane	8	0	0.8	3.51	10.7		UG_P_L
Cadmium Total	8	0	0.01	0.03	0.03		UGCDL
Chromium Total	8	0	0.19	0.33	0.52		UGCRL
Colony Count after 3 days @22C	49	0	0	10.47	300		CFU_1ML
Colour	25	0	3	3.06	4.5	20	MG_PT_CO
Dibromochloromethane	8	0	2.14	5.77	16.31		UG_P_L
E.Coli Confirmed	49	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	8	0	0	0	0	0	CFU_100ML
Field Free Chlorine	50	0	0.08	0.4	0.86		MG_P_L
Field Total Chlorine	50	0	0.15	0.47	0.99		MG_P_L
First Draw Copper	8	0	11.8	111.9	398	2,000	UG_P_L
First Draw Nickel	8	0	0.51	2.67	9.49	20	UGNI
First Draw Pb	8	0	0.08	0.23	0.4	10	UGPB
Hydrogen ion (pH)	24	0	7.21	7.44	7.68		PH
Indeno-123-Cd-Pyrene	8	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	8	0	11.08	14.12	20.32	50	MGNO_3
Nitrite as NO2 (consumer tap)	8	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	8	0	0.222	0.28	0.407		MG_P_L
Odour Dilution Number	25	0	0	0	0	0	NONE
PAH Total	8	0	0	0	0.001	0.1	UG_P_L
Selenium Total	8	0	0.32	0.39	0.48	10	UGSE

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Sodium	8	0	14	22.06	42.2	200	MGNA
Taste Dilution Number	24	0	0	0	0	0	NONE
Total Aluminium as Al	24	0	6.9	8.84	14.5	200	UGAL
Total Coliforms (Indicator)	49	0	0	0	0	0	CFU_100ML
Total Iron	24	0	3.72	7.4	31.7	200	UGFE
Total Manganese	24	0	0.3	0.68	4.22	50	UGMN
Total Oxidised Nitrogen	8	0	11.08	14.12	20.32		MG_P_L
Total Trihalomethanes	8	0	4.98	13.9	38.92	100	MICROG_L
Tribromomethane	8	0	1.47	3.02	6.8		UG_P_L
Trichloromethane	8	0	0.67	1.84	5.11		UG_P_L
Turbidity (Treated)	24	0	0.07	0.15	0.29	4	NTU