

PUBLIC REGISTER OF INFORMATION

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

Water Supply Zone: 412

Water Supply Zone Area: Kingswood, Fishponds and Mangotsfield

Water Supply Zone Population: 58712

Prescribed Concentration Values

Result Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Ammonium Total	52	0	0.008	0.01	0.037	0	MGNH_4
Antimony Total	8	0	0.12	0.22	0.38		UGSB
Arsenic Total	8	0	0.18	0.31	0.44	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	0.8	1.41	2.34	10	UGBRO
Bromodichloromethane	8	0	2.94	7.03	12.38		UG_P_L
Cadmium Total	8	0	0.01	0.03	0.03		UGCDL
Chromium Total	8	0	0.14	0.24	0.37		UGCRL
Colony Count after 3 days @22C	144	0	0	7.57	300		CFU_1ML
Colour	52	0	3	3	3	20	MG_PT_CO
Dibromochloromethane	8	0	4.67	8.22	12.26		UG_P_L
E.Coli Confirmed	144	0	0	0	0	0	CFU_100ML
Enterococci Confirmed	8	0	0	0	0	0	CFU_100ML
Field Free Chlorine	144	0	0.08	0.54	1.11		MG_P_L
Field Total Chlorine	144	0	0.05	0.64	1.36		MG_P_L
First Draw Copper	8	0	1.01	124.3	856	2,000	UG_P_L
First Draw Nickel	8	1	0.49	7.26	49.4	20	UGNI
First Draw Pb	8	0	0.09	0.93	2.07	10	UGPB
Hydrogen ion (pH)	52	0	7.35	7.49	7.7		PH
Indeno-123-Cd-Pyrene	8	0	0.00104	0	0.00104		UG_P_L
Nitrate as NO3	8	0	15.37	18.42	22.24	50	MGNO_3
Nitrite as NO2 (consumer tap)	8	0	0.002	0	0.003	0.5	MGNO_2
Nitrogen Formula	8	0	0.308	0.37	0.445		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	0.27	0.31	0.32	10	UGSE

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Sodium	8	0	18.7	24.2	36.6	200	MGNA
Taste Dilution Number	52	1	0	1.9	99	0	NONE
Total Aluminium as Al	52	0	6.9	10.55	44.7	200	UGAL
Total Coliforms (Indicator)	144	0	0	0	0	0	CFU_100ML
Total Iron	52	1	3.72	22.5	849	200	UGFE
Total Manganese	52	0	0.3	0.81	7.65	50	UGMN
Total Oxidised Nitrogen	8	0	15.37	18.42	22.24		MG_P_L
Total Trihalomethanes	8	0	12.98	24.2	39.69	100	MICROG_L
Tribromomethane	8	0	1.15	2.62	4.29		UG_P_L
Trichloromethane	8	0	1.38	6.34	12.38		UG_P_L
Turbidity (Treated)	52	0	0.07	0.17	0.45	4	NTU