

Drinking Water Quality Annual Report Data 01/07/2022 to 30/06/2023

Table 1 Health related variables

Perth Region	<i>E. coli</i>				Thermophilic <i>Naegleria</i>			Fluoride				Hydrocarbons		Metals		
Locality	Samples Taken	Samples >0 cfu/100mL	Max cfu/100mL	Requirement Met	Samples Taken	Samples with Thermophilic <i>Naegleria</i>	Requirement Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Guideline Met	Samples Taken	Guideline Met
									Min	Max	Mean					
Armadale/Kelmscott	332	0	0	✓	294	0	✓	52	0.70	0.95	0.82	(2)	0	(1)	2	✓
Bold Park	415	0	0	✓	175	0	✓	52	0.70	0.90	0.82	(2)	0	(1)	2	✓
Buckland Hill	101	0	0	✓	56	0	✓	52	0.70	0.85	0.79	(2)	0	(1)	2	✓
Dwellingup	13	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Foothills	134	0	0	✓	131	0	✓	51	0.70	0.90	0.83	(2)	0	(1)	2	✓
Greenmount	196	0	0	✓	105	0	✓	52	0.75	0.95	0.83	(2)	0	(1)	2	✓
Greenmount/Darlington	117	0	0	✓	78	0	✓	52	0.75	0.90	0.83	(2)	0	(1)	2	✓
Hamilton Hill	221	0	0	✓	104	0	✓	52	0.75	0.90	0.84	(2)	0	(1)	2	✓
Hills Direct	830	0	0	✓	302	0	✓	53	0.75	0.95	0.84	(2)	0	(1)	2	✓
Lexia	203	0	0	✓	93	0	✓	53	0.70	0.95	0.80	(2)	0	(1)	2	✓
Mandurah	390	0	0	✓	299	0	✓	52	0.70	0.95	0.84	(2)	0	(1)	4	✓
Melville	182	0	0	✓	105	0	✓	52	0.70	0.85	0.79	(2)	0	(1)	2	✓
Mirrabooka	341	0	0	✓	120	0	✓	52	0.70	0.90	0.79	(2)	0	(1)	2	✓
Mt. Eliza	433	0	0	✓	130	0	✓	52	0.70	0.90	0.78	(2)	0	(4)	2	✓
Mt. Hawthorn	174	0	0	✓	79	0	✓	53	0.70	0.90	0.83	(2)	0	(1)	2	✓
Mt. Yokine	524	0	0	✓	195	0	✓	52	0.70	0.95	0.83	(2)	0	(1)	2	✓
Mundaring	117	0	0	✓	117	0	✓	52	0.75	0.95	0.84	(2)	0	(1)	2	✓
Neerabup	354	0	0	✓	134	0	✓	52	0.70	0.95	0.84	(2)	0	(1)	2	✓
North Dandalup	13	0	0	✓	6	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Pinjarra	65	0	0	✓	52	0	✓	52	0.70	0.95	0.83	(2)	1	✓	2	✓
South Perth/Kewdale	525	0	0	✓	221	0	✓	52	0.70	0.95	0.83	(2)	0	(1)	2	✓
Tamworth Hill	438	0	0	✓	184	0	✓	52	0.70	0.95	0.84	(2)	0	(1)	2	✓
Thomsons Lake	344	0	0	✓	94	0	✓	52	0.75	0.95	0.84	(2)	0	(4)	2	✓
Two Rocks	97	0	0	✓	39	0	✓	2	0.15	0.15	0.15	✓	0	(1)	2	✓
Wanneroo	512	1	3	(3)	179	0	✓	52	0.70	0.85	0.77	(2)	0	(1)	2	✓
West Yokine	251	0	0	✓	117	0	✓	52	0.70	0.95	0.83	(2)	0	(1)	2	✓
Whitfords	158	0	0	✓	66	0	✓	54	0.70	0.90	0.78	(2)	0	(1)	2	✓
Yanchep	91	0	0	✓	65	0	✓	52	0.55	0.90	0.82	(2)	0	(1)	2	✓

(1) No samples required in this 12 month period. (2) Receives water from a fluoridated source within the dosing range set by the Fluoridation of Water Supplies Advisory Committee. (3) Non-compliance associated with microbiological performance criterion as defined in the MoU with DoH. Response protocols implemented in accordance with DoH requirements demonstrated continuous supply of safe drinking water to the locality. (4) Due to an instrumentation issue at an external laboratory a hydrocarbon sample due this financial year has been rescheduled to early 2023-24.

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Table 2 Health related variables

Perth Region	Nitrate			Pesticides		Radiological		Trihalomethanes				Other Health Related				
Locality	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Guideline Met	Samples Taken	Guideline Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Requirement Met
		Min	Max	Mean							Min	Max	Mean			
Armadale/Kelmscott	2	<0.2	0.4	<0.2	✓	1	✓	1	✓	13	0.070	0.120	0.098	✓	1	✓
Bold Park	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	13	0.051	0.110	0.077	✓	0	(1)
Buckland Hill	4	<0.2	0.4	0.4	✓	1	✓	2	✓	13	0.072	0.130	0.097	✓	0	(1)
Dwellingup	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	13	0.027	0.064	0.037	✓	0	(1)
Foothills	2	0.4	0.4	0.4	✓	1	✓	0	(1)	13	0.039	0.100	0.070	✓	0	(1)
Greenmount	5	0.9	2.6	1.3	✓	1	✓	2	✓	13	0.060	0.150	0.116	✓	0	(1)
Greenmount/Darlington	2	0.4	0.4	0.4	✓	1	✓	0	(1)	13	0.051	0.130	0.105	✓	0	(1)
Hamilton Hill	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	13	0.047	0.093	0.070	✓	0	(1)
Hills Direct	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	13	0.031	0.075	0.050	✓	0	(1)
Lexia	2	0.4	0.4	0.4	✓	1	✓	1	✓	13	0.079	0.200	0.114	✓	0	(1)
Mandurah	4	<0.2	0.4	<0.2	✓	2	✓	0	(1)	25	<0.001	0.084	0.042	✓	0	(1)
Melville	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	13	0.054	0.100	0.080	✓	0	(1)
Mirrabooka	4	1.3	1.8	1.3	✓	1	✓	0	(1)	13	0.064	0.200	0.133	✓	0	(1)
Mt. Eliza	5	<0.2	0.9	0.4	✓	1	✓	1	✓	13	0.085	0.140	0.102	✓	2	✓
Mt. Hawthorn	4	0.9	2.2	1.3	✓	1	✓	2	✓	13	0.083	0.160	0.110	✓	0	(1)
Mt. Yokine	4	0.9	2.2	1.8	✓	1	✓	2	✓	13	0.055	0.140	0.100	✓	0	(1)
Mundaring	2	0.9	0.9	0.9	✓	1	✓	0	(1)	13	0.020	0.057	0.040	✓	0	(1)
Neerabup	4	0.4	10.6	6.2	✓	1	✓	2	✓	13	0.029	0.110	0.060	✓	0	(1)
North Dandalup	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	13	0.006	0.056	0.033	✓	2	✓
Pinjarra	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	13	<0.001	0.056	0.031	✓	1	✓
South Perth/Kewdale	5	0.9	2.2	1.8	✓	1	✓	1	✓	14	0.084	0.140	0.112	✓	1	✓
Tamworth Hill	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	13	0.004	0.098	0.047	✓	0	(1)
Thomsons Lake	4	<0.2	<0.2	<0.2	✓	1	✓	2	✓	13	<0.001	0.090	0.060	✓	1	✓
Two Rocks	5	4.4	5.3	4.8	✓	1	✓	1	✓	13	0.003	0.025	0.010	✓	0	(1)
Wanneroo	4	0.4	5.7	3.1	✓	1	✓	0	(1)	14	0.071	0.120	0.091	✓	0	(1)
West Yokine	4	0.9	2.2	1.3	✓	1	✓	1	✓	13	0.100	0.170	0.134	✓	0	(1)
Whitfords	2	3.1	3.5	3.5	✓	1	✓	2	✓	14	0.066	0.120	0.085	✓	0	(1)
Yanchep	4	2.6	8.8	6.6	✓	1	✓	0	(1)	13	0.032	0.093	0.049	✓	0	(1)

(1) No samples required in this 12 month period.