

Drinking Water Quality Annual Report Data 01/07/2018 to 30/06/2019

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	Concentration (mg/L)			Guideline Met	Samples Taken	Guideline Met	Samples Taken	Guideline Met	
								Min	Max	Mean						
Armadale/Kelmscott	262	0	0	✓	261	0	✓	52	0.75	0.95	0.86	✓	0	(1)	2	✓
Bold Park	325	0	0	✓	148	0	✓	52	0.60	0.90	0.79	✓	1	✓	2	✓
Buckland Hill	91	0	0	✓	72	0	✓	52	0.60	0.85	0.75	✓	2	✓	2	✓
Dwellingup	13	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Foothills	139	0	0	✓	139	0	✓	52	0.75	0.95	0.84	✓	0	(1)	3	✓
Greenmount	195	0	0	✓	104	0	✓	52	0.75	0.90	0.81	✓	0	(1)	2	✓
Greenmount/Darlington	117	0	0	✓	91	0	✓	52	0.75	0.90	0.82	✓	1	✓	2	✓
Hamilton Hill	208	0	0	✓	91	0	✓	52	0.70	0.85	0.76	✓	1	✓	2	✓
Hills Direct	715	0	0	✓	286	0	✓	52	0.70	0.95	0.80	✓	0	(1)	3	✓
Lexia	143	0	0	✓	67	0	✓	52	0.70	0.85	0.75	✓	0	(1)	2	✓
Mandurah	381	0	0	✓	325	0	✓	52	0.65	0.90	0.84	✓	0	(1)	6	✓
Melville	175	0	0	✓	97	0	✓	52	0.70	0.80	0.74	✓	0	(1)	2	✓
Mirrabooka	338	0	0	✓	117	0	✓	52	0.70	0.90	0.76	✓	1	✓	2	✓
Mt. Eliza	429	0	0	✓	130	0	✓	52	0.70	0.80	0.74	✓	0	(1)	2	✓
Mt. Hawthorn	166	0	0	✓	81	0	✓	52	0.70	0.90	0.81	✓	0	(1)	2	✓
Mt. Yokine	520	0	0	✓	182	0	✓	52	0.70	0.90	0.80	✓	1	✓	2	✓
Mundaring	117	0	0	✓	117	0	✓	52	0.65	0.95	0.84	✓	0	(1)	2	✓
Neerabup	292	0	0	✓	126	0	✓	52	0.70	0.90	0.81	✓	1	✓	2	✓
North Dandalup	13	0	0	✓	6	0	✓	2	0.85	0.85	0.85	✓	0	(1)	2	✓
Pinjarra	65	0	0	✓	52	0	✓	52	0.65	0.90	0.84	✓	0	(1)	2	✓
South Perth/Kewdale	520	0	0	✓	224	0	✓	52	0.75	0.90	0.80	✓	0	(1)	2	✓
Tamworth Hill	416	0	0	✓	156	0	✓	52	0.70	0.90	0.83	✓	1	✓	2	✓
Thomsons Lake	328	0	0	✓	97	0	✓	52	0.70	0.85	0.77	✓	0	(1)	2	✓
Two Rocks	104	0	0	✓	39	0	✓	2	0.15	0.15	0.15	✓	0	(1)	5	✓
Wanneroo	487	0	0	✓	177	0	✓	52	0.65	0.85	0.76	✓	0	(1)	2	✓
West Yokine	260	0	0	✓	117	0	✓	52	0.70	0.90	0.81	✓	0	(1)	5	✓
Whitfords	143	0	0	✓	65	0	✓	52	0.70	0.85	0.76	✓	1	✓	2	✓
Yanchep	104	0	0	✓	52	0	✓	52	0.65	0.90	0.79	✓	1	✓	2	✓

(1) No samples required in this 12 month period

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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	<0.2	<0.2	✓	1	✓	2	✓	13	0.065	0.160	0.112	✓	0	(1)
Bold Park	2	0.4	2.2	1.3	✓	1	✓	2	✓	13	0.031	0.150	0.101	✓	0	(1)
Buckland Hill	4	<0.2	0.4	<0.2	✓	1	✓	2	✓	13	0.056	0.160	0.108	✓	2	✓
Dwellingup	5	<0.2	0.4	<0.2	✓	1	✓	2	✓	2	0.039	0.061	0.050	✓	0	(1)
Foothills	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	13	0.075	0.130	0.106	✓	0	(1)
Greenmount	4	0.9	2.6	1.8	✓	1	✓	2	✓	13	0.110	0.180	0.150	✓	1	✓
Greenmount/Darlington	2	0.4	0.4	0.4	✓	1	✓	0	(1)	13	0.080	0.160	0.113	✓	1	✓
Hamilton Hill	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	13	0.041	0.110	0.075	✓	1	✓
Hills Direct	4	<0.2	<0.2	<0.2	✓	2	✓	3	✓	24	0.016	0.092	0.061	✓	0	(1)
Lexia	2	0.4	8.8	4.8	✓	1	✓	1	✓	13	0.071	0.150	0.117	✓	0	(1)
Mandurah	7	<0.2	<0.2	<0.2	✓	3	✓	0	(1)	39	0.006	0.089	0.042	✓	0	(1)
Melville	5	<0.2	<0.2	<0.2	✓	1	✓	2	✓	13	0.048	0.120	0.086	✓	1	✓
Mirrabooka	5	0.4	4.0	1.8	✓	1	✓	2	✓	13	0.092	0.200	0.130	✓	2	✓
Mt. Eliza	3	<0.2	0.4	<0.2	✓	1	✓	1	✓	13	0.063	0.160	0.105	✓	0	(1)
Mt. Hawthorn	5	0.9	2.2	1.3	✓	1	✓	1	✓	13	0.090	0.160	0.127	✓	1	✓
Mt. Yokine	4	0.9	1.8	1.3	✓	1	✓	2	✓	13	0.110	0.170	0.136	✓	2	✓
Mundaring	2	0.9	1.3	0.9	✓	1	✓	2	✓	5	0.020	0.057	0.042	✓	0	(1)
Neerabup	5	1.3	13.2	7.9	✓	1	✓	2	✓	13	0.019	0.098	0.044	✓	1	✓
North Dandalup	4	<0.2	0.4	<0.2	✓	1	✓	2	✓	2	0.022	0.060	0.041	✓	0	(1)
Pinjarra	3	<0.2	<0.2	<0.2	✓	1	✓	1	✓	2	0.007	0.050	0.029	✓	0	(1)
South Perth/Kewdale	2	<0.2	2.2	0.9	✓	1	✓	2	✓	13	0.077	0.180	0.109	✓	0	(1)
Tamworth Hill	2	<0.2	0.4	<0.2	✓	1	✓	1	✓	13	0.006	0.067	0.037	✓	1	✓
Thomsons Lake	5	<0.2	<0.2	<0.2	✓	1	✓	2	✓	13	0.038	0.090	0.066	✓	0	(1)
Two Rocks	4	1.3	7.9	4.8	✓	1	✓	2	✓	13	0.009	0.019	0.011	✓	0	(1)
Wanneroo	4	2.2	4.4	3.1	✓	1	✓	0	(1)	13	0.059	0.120	0.084	✓	1	✓
West Yokine	4	0.9	2.6	1.3	✓	1	✓	1	✓	13	0.110	0.160	0.142	✓	1	✓
Whitfords	4	<0.2	4.8	3.1	✓	1	✓	2	✓	13	0.050	0.110	0.084	✓	1	✓
Yanchep	5	4.8	6.2	5.3	✓	1	✓	4	✓	13	0.003	0.085	0.033	✓	0	(1)

(1) No samples required in this 12 month period