

Drinking Water Quality Annual Report Data 01/07/2017 to 30/06/2018

Table 1 Health related variables

Perth Region	E. coli				Thermophilic Naegleria			Fluoride				Hydrocarbons		Metals		
Locality	Samples Taken	Samples >0 cfu/100mL	Max cfu/100mL	Requirement Met	Samples Taken	Samples with Thermophilic Naegleria	Requirement Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Guideline Met	Samples Taken	Guideline Met
									Min	Max	Mean					
Armadale/Kelmscott	286	0	0	✓	273	0	✓	52	0.70	0.90	0.80	✓	1	✓	2	✓
Bold Park	330	0	0	✓	147	0	✓	51	0.75	0.90	0.82	✓	0	(1)	2	✓
Buckland Hill	94	0	0	✓	78	0	✓	52	0.70	0.85	0.74	✓	0	(1)	2	✓
Dwellingup	13	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Foothills	143	0	0	✓	143	0	✓	52	0.75	0.95	0.83	✓	0	(1)	2	✓
Greenmount	195	0	0	✓	104	0	✓	49	0.75	0.90	0.83	✓	0	(1)	3	✓
Greenmount/Darlington	117	0	0	✓	92	0	✓	52	0.70	0.85	0.80	✓	0	(1)	2	✓
Hamilton Hill	214	0	0	✓	98	0	✓	49	0.70	0.85	0.78	✓	0	(1)	2	✓
Hills Direct	693	0	0	✓	299	0	✓	41	0.65	0.90	0.81	✓	0	(1)	2	✓
Lexia	143	0	0	✓	67	0	✓	51	0.65	0.90	0.77	✓	0	(1)	2	✓
Mandurah	377	0	0	✓	325	0	✓	51	0.75	0.90	0.83	✓	2	✓	6	✓
Melville	169	0	0	✓	91	0	✓	52	0.65	0.85	0.75	✓	0	(1)	2	✓
Mirrabooka	338	0	0	✓	117	0	✓	52	0.65	0.85	0.76	✓	0	(1)	2	✓
Mt. Eliza	428	0	0	✓	137	0	✓	52	0.70	0.85	0.75	✓	2	(1)	2	✓
Mt. Hawthorn	156	0	0	✓	78	0	✓	52	0.70	0.95	0.83	✓	0	(1)	2	✓
Mt. Yokine	520	0	0	✓	182	0	✓	52	0.75	0.90	0.83	✓	0	(1)	2	✓
Mundaring	117	0	0	✓	117	0	✓	52	0.80	1.00	0.86	✓	0	(1)	3	✓
Neerabup	260	0	0	✓	117	0	✓	52	0.70	0.95	0.86	✓	0	(1)	2	✓
North Dandalup	13	0	0	✓	6	0	✓	2	0.80	0.85	0.83	✓	1	✓	2	✓
Pinjarra	65	0	0	✓	53	0	✓	50	0.80	0.90	0.84	✓	1	✓	2	✓
South Perth/Kewdale	520	0	0	✓	233	0	✓	52	0.70	0.95	0.82	✓	1	✓	2	✓
Tamworth Hill	454	0	0	✓	173	0	✓	63	0.80	0.90	0.84	✓	1	✓	2	✓
Thomsons Lake	325	0	0	✓	91	0	✓	49	0.70	0.85	0.75	✓	2	✓	2	✓
Two Rocks	104	0	0	✓	39	0	✓	2	0.15	0.15	0.15	✓	0	✓	3	✓
Wanneroo	481	0	0	✓	164	0	✓	50	0.70	0.85	0.76	✓	0	(1)	1	✓
West Yokine	256	0	0	✓	121	0	✓	52	0.75	0.90	0.83	✓	0	(1)	5	✓
Whitfords	143	0	0	✓	66	0	✓	49	0.65	0.85	0.77	✓	0	(1)	2	✓
Yanchep	104	0	0	✓	53	0	✓	27	<0.1	0.85	0.70	✓	0	(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	<0.22	<0.22	<0.22	✓	1	✓	1	✓	10	0.071	0.110	0.096	✓	1	✓
Bold Park	2	<0.22	0.22	<0.22	✓	1	✓	0	(1)	12	0.016	0.067	0.044	✓	1	✓
Buckland Hill	5	<0.22	0.26	<0.22	✓	1	✓	0	(1)	11	0.050	0.094	0.071	✓	0	(1)
Dwellingup	4	0.35	0.66	0.53	✓	1	✓	0	(1)	2	0.056	0.069	0.063	✓	0	(1)
Foothills	2	1.23	1.32	1.28	✓	1	✓	2	✓	13	0.017	0.140	0.082	✓	0	(1)
Greenmount	5	0.79	2.38	1.36	✓	1	✓	0	(1)	13	0.031	0.170	0.122	✓	0	(1)
Greenmount/Darlington	2	0.88	1.28	1.10	✓	1	✓	2	✓	11	0.058	0.140	0.094	✓	0	(1)
Hamilton Hill	2	<0.22	<0.22	<0.22	✓	1	✓	2	✓	10	0.030	0.083	0.066	✓	0	(1)
Hills Direct	2	<0.22	<0.22	<0.22	✓	1	✓	1	✓	11	0.016	0.061	0.033	✓	1	✓
Lexia	2	1.28	7.48	4.40	✓	1	✓	1	✓	10	0.076	0.170	0.121	✓	0	(1)
Mandurah	15	<0.22	0.26	<0.22	✓	3	✓	2	✓	38	<0.001	0.079	0.009	✓	2	✓
Melville	4	<0.22	0.35	<0.22	✓	1	✓	0	(1)	13	0.030	0.098	0.061	✓	0	(1)
Mirrabooka	4	0.79	3.30	1.94	✓	1	✓	0	(1)	13	0.049	0.190	0.117	✓	0	(1)
Mt. Eliza	2	<0.22	0.35	<0.22	✓	1	✓	1	✓	13	0.034	0.120	0.060	✓	2	✓
Mt. Hawthorn	5	0.97	2.24	1.50	✓	1	✓	1	✓	11	0.094	0.170	0.131	✓	0	(1)
Mt. Yokine	5	1.01	2.16	1.72	✓	1	✓	0	(1)	4	0.096	0.130	0.114	✓	0	(1)
Mundaring	2	0.53	0.79	0.66	✓	1	✓	0	(1)	2	0.019	0.021	0.020	✓	0	(1)
Neerabup	4	0.26	10.56	7.22	✓	1	✓	0	(1)	7	0.032	0.054	0.042	✓	0	(1)
North Dandalup	5	<0.22	0.35	<0.22	✓	1	✓	0	(1)	2	0.009	0.060	0.035	✓	1	✓
Pinjarra	4	<0.22	<0.22	<0.22	✓	1	✓	1	✓	2	0.006	0.011	0.009	✓	1	✓
South Perth/Kewdale	3	<0.22	1.98	1.06	✓	1	✓	0	(1)	10	0.025	0.130	0.062	✓	1	✓
Tamworth Hill	5	<0.22	<0.22	<0.22	✓	2	✓	1	✓	22	<0.001	0.078	0.014	✓	0	(1)
Thomsons Lake	4	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	13	0.028	0.100	0.063	✓	1	✓
Two Rocks	4	3.96	7.92	5.54	✓	1	✓	0	(1)	6	0.009	0.019	0.011	✓	0	(1)
Wanneroo	5	<0.22	3.65	2.29	✓	1	✓	2	✓	11	0.072	0.150	0.109	✓	0	(1)
West Yokine	5	1.63	2.60	1.98	✓	1	✓	1	✓	12	0.098	0.160	0.135	✓	0	(1)
Whitfords	4	0.31	7.48	3.43	✓	1	✓	0	(1)	11	0.083	0.120	0.104	✓	0	(1)
Yanchep	5	4.09	4.84	4.40	✓	1	✓	0	(1)	11	0.001	0.050	0.008	✓	0	(1)

(1) No samples required in this 12 month period