

Drinking Water Quality Annual Report Data 01/07/2010 to 30/06/2011

Table 1 Health related variables

Perth Metropolitan		E. coli			Thermophilic Naegleria			Fluoride			Hydrocarbons		Metals		
Locality	Samples Taken	Samples with >0 cfu/100mL	Max cfu/100mL	Requirement Met	Samples Taken	Samples with Thermophilic Naegleria	Requirement Met	Concentration (mg/L)			Samples Taken	Guideline Met	Samples Taken	Guideline Met	
								Min	Max	Mean					
Armadale/Kelmscott	235	0	0	✓	235	0	✓	53	0.75	1.00	0.88	1	✓	2	✓
Bold Park	259	0	0	✓	133	0	✓	52	0.75	0.95	0.83	0	(1)	2	✓
Buckland Hill	115	0	0	✓	78	0	✓	52	0.70	0.90	0.79	0	(1)	2	✓
Foothills	143	0	0	✓	143	0	✓	52	0.65	0.95	0.86	0	(1)	2	✓
Greenmount	143	0	0	✓	104	0	✓	52	0.75	0.95	0.85	0	(1)	2	✓
Greenmount/Darlington	142	0	0	✓	92	0	✓	52	0.75	0.95	0.86	0	(1)	2	✓
Hamilton Hill	209	0	0	✓	92	0	✓	53	0.75	0.95	0.88	0	(1)	2	✓
Hills Direct	600	0	0	✓	298	0	✓	52	0.75	0.95	0.86	2	✓	3	✓
Lexia	104	0	0	✓	65	0	✓	52	0.55	0.95	0.78	0	(1)	2	✓
Melville	156	0	0	✓	90	0	✓	52	0.70	0.95	0.80	1	✓	2	✓
Mirrabooka	308	0	0	✓	118	0	✓	52	0.70	0.95	0.81	0	(1)	2	✓
Mt. Eliza	392	0	0	✓	135	0	✓	52	0.70	0.95	0.78	0	(1)	2	✓
Mt. Hawthorn	158	0	0	✓	81	0	✓	53	0.70	0.95	0.83	0	(1)	2	✓
Mt. Yokine	469	0	0	✓	189	0	✓	53	0.75	0.95	0.84	0	(1)	3	✓
Mundaring	104	0	0	✓	104	0	✓	51	0.75	1.00	0.88	0	(1)	2	✓
Neerabup	168	0	0	✓	119	0	✓	53	0.55	0.95	0.84	1	✓	5	✓
South Perth/Kewdale	484	0	0	✓	226	0	✓	52	0.75	1.00	0.86	0	(1)	2	✓
Tamworth Hill	277	0	0	✓	122	0	✓	52	0.70	0.95	0.82	0	(1)	2	✓
Thomsons Lake	169	0	0	✓	79	0	✓	52	0.70	0.95	0.87	0	(1)	2	✓
Two Rocks	113	0	0	✓	39	0	✓	(2) 2	0.15	0.15	0.15	0	(1)	2	✓
Wanneroo	391	0	0	✓	143	0	✓	53	0.60	0.95	0.79	0	(1)	5	✓
West Yokine	222	0	0	✓	127	0	✓	53	0.75	0.95	0.83	0	(1)	6	✓
Whitfords	143	0	0	✓	65	0	✓	52	0.60	0.90	0.79	0	(1)	2	✓
Yanchep	104	0	0	✓	52	0	✓	(2) 2	<0.1	<0.1	<0.1	0	(1)	2	✓

(1) No samples were required in this 12 month period. (2) Locality not fluoridated.

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Table 2 Health related variables

Perth Metropolitan		Nitrate				Pesticides		Radiological		Trihalomethanes				Other Health Related		
Locality	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Guideline Met	Samples Taken	Guideline Met	Concentration (mg/L)			Guideline Met	Samples Taken	Requirement Met	
		Min	Max	Mean						Min	Max	Mean				
Armadale/Kelmscott	5	<0.05	<0.05	<0.05	✓	4	✓	1	✓	13	0.029	0.089	0.057	✓	0	(1)
Bold Park	5	<0.05	0.2	0.1	✓	1	✓	1	✓	11	0.074	0.110	0.092	✓	0	(1)
Buckland Hill	4	<0.05	0.2	0.1	✓	1	✓	1	✓	11	0.078	0.150	0.110	✓	0	(1)
Foothills	4	0.2	0.4	0.3	✓	1	✓	1	✓	26	0.034	0.180	0.108	✓	0	(1)
Greenmount	5	0.1	0.5	0.3	✓	1	✓	1	✓	12	0.100	0.160	0.133	✓	0	(1)
Greenmount/Darlington	4	0.2	0.5	0.3	✓	1	✓	1	✓	13	0.071	0.160	0.103	✓	0	(1)
Hamilton Hill	5	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	12	0.007	0.080	0.055	✓	0	(1)
Hills Direct	8	<0.05	0.3	0.1	✓	9	✓	3	✓	19	0.018	0.110	0.067	✓	1	✓
Lexia	4	<0.05	0.8	0.6	✓	1	✓	0	(1)	10	0.064	0.190	0.114	✓	0	(1)
Melville	5	<0.05	0.2	<0.05	✓	1	✓	1	✓	12	0.066	0.160	0.101	✓	0	(1)
Mirrabooka	4	0.2	0.8	0.4	✓	1	✓	1	✓	13	0.039	0.170	0.112	✓	0	(1)
Mt. Eliza	4	<0.05	0.2	0.1	✓	1	✓	1	✓	10	0.045	0.150	0.101	✓	0	(1)
Mt. Hawthorn	5	0.4	0.6	0.5	✓	1	✓	1	✓	14	0.075	0.187	0.114	✓	0	(1)
Mt. Yokine	5	0.3	0.6	0.5	✓	1	✓	1	✓	22	0.063	0.180	0.137	✓	0	(1)
Mundaring	4	0.1	0.1	0.1	✓	4	✓	1	✓	5	0.018	0.034	0.024	✓	0	(1)
Neerabup	4	1.8	2.2	2	✓	1	✓	1	✓	13	0.025	0.130	0.052	✓	0	(1)
South Perth/Kewdale	4	0.1	0.4	0.2	✓	1	✓	1	✓	27	0.068	0.195	0.123	✓	0	(1)
Tamworth Hill	4	<0.05	<0.05	<0.05	✓	1	✓	1	✓	26	0.032	0.130	0.084	✓	0	(1)
Thomsons Lake	5	<0.05	<0.05	<0.05	✓	1	✓	1	✓	13	0.004	0.110	0.058	✓	0	(1)
Two Rocks	5	0.4	1	0.7	✓	1	✓	1	✓	7	0.005	0.017	0.009	✓	0	(1)
Wanneroo	4	0.5	1.7	1	✓	1	✓	1	✓	17	0.065	0.180	0.108	✓	0	(1)
West Yokine	5	0.2	0.6	0.4	✓	5	✓	1	✓	13	0.100	0.190	0.152	✓	0	(1)
Whitfords	3	0.6	0.7	0.7	✓	1	✓	1	✓	13	0.037	0.150	0.101	✓	0	(1)
Yanchep	4	0.9	1.1	1	✓	1	✓	1	✓	6	<0.001	0.004	<0.001	✓	0	(1)

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