

Drinking Water Quality Annual Report Data 01/07/2015 to 30/06/2016

Table 1 Health related variables

Perth Region	E. coli			Thermophilic Naegleria			Fluoride			Hydrocarbons		Metals			
Locality	Samples Taken	Samples with >0 cfu/100mL	Requirement Met	Samples Taken	Samples with Thermophilic Naegleria	Requirement Met	Samples Taken	Concentration (mg/L)			Samples Taken	Guideline Met	Samples Taken	Guideline Met	
								Min	Max	Mean					
Armadale/Kelmscott	279	0	0	✓	279	0	✓	53	0.70	1.00	0.85	1	✓	2	✓
Bold Park	314	0	0	✓	131	0	✓	52	0.70	0.90	0.81	0	(1)	2	✓
Buckland Hill	106	0	0	✓	80	0	✓	53	0.70	0.90	0.79	0	(1)	2	✓
Dwellingup	13	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	0	(1)	2	✓
Foothills	144	0	0	✓	144	0	✓	53	0.70	1.00	0.84	0	(1)	2	✓
Greenmount	171	0	0	✓	107	0	✓	53	0.70	0.90	0.81	0	(1)	2	✓
Greenmount/Darlington	118	0	0	✓	91	0	✓	53	0.75	0.90	0.82	0	(1)	2	✓
Hamilton Hill	235	0	0	✓	92	0	✓	52	0.75	0.90	0.83	0	(1)	2	✓
Hills Direct	697	0	0	✓	314	0	✓	52	0.70	0.95	0.84	0	(1)	4	✓
Lexia	146	0	0	✓	55	0	✓	51	0.70	0.95	0.78	0	(1)	2	✓
Mandurah	403	0	0	✓	325	0	✓	52	0.80	0.95	0.86	4	✓	6	✓
Melville	171	0	0	✓	92	0	✓	52	0.70	0.90	0.80	1	✓	2	✓
Mirrabooka	340	0	0	✓	118	0	✓	53	0.70	0.90	0.80	0	(1)	2	✓
Mt. Eliza	421	0	0	✓	130	0	✓	53	0.70	0.90	0.78	0	(1)	2	✓
Mt. Hawthorn	156	0	0	✓	78	0	✓	52	0.75	0.90	0.81	0	(1)	2	✓
Mt. Yokine	499	0	0	✓	188	0	✓	53	0.75	0.90	0.81	0	(1)	2	✓
Mundaring	119	0	0	✓	119	0	✓	53	0.70	1.00	0.83	0	(1)	2	✓
Neerabup	237	0	0	✓	117	0	✓	52	0.70	0.95	0.83	1	✓	5	✓
North Dandalup	13	0	0	✓	7	0	✓	5	0.15	0.85	0.46	0	(1)	2	✓
Pinjarra	64	0	0	✓	52	0	✓	51	0.80	0.95	0.87	0	(1)	2	✓
South Perth/Kewdale	496	0	0	✓	224	0	✓	53	0.70	0.90	0.81	0	(1)	2	✓
Tamworth Hill	367	0	0	✓	146	0	✓	52	0.80	0.95	0.87	0	(1)	2	✓
Thomsons Lake	277	0	0	✓	78	0	✓	50	0.70	0.95	0.78	0	(1)	2	✓
Two Rocks	104	0	0	✓	39	0	✓	2	0.15	0.15	0.15	0	(1)	2	✓
Wanneroo	433	0	0	✓	160	0	✓	54	0.70	0.85	0.76	0	(1)	6	✓
West Yokine	236	0	0	✓	131	0	✓	53	0.70	0.90	0.81	0	(1)	2	✓
Whitfords	143	0	0	✓	65	0	✓	52	0.70	0.85	0.75	0	(1)	2	✓
Yanchep	104	0	0	✓	53	0	✓	2	<0.1	<0.1	<0.1	0	(1)	2	✓

(1) No samples required in this 12 month period

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Table 2 Health related variables

Perth Region	Nitrate (measured as Nitrogen)				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	4	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	13	0.032	0.100	0.069	✓	0	(1)
Bold Park	4	0.1	0.1	0.1	✓	1	✓	0	(1)	13	0.022	0.110	0.075	✓	0	(1)
Buckland Hill	4	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	13	0.015	0.100	0.069	✓	0	(1)
Dwellingup	5	<0.05	<0.05	<0.05	✓	3	✓	0	(1)	3	0.043	0.049	0.046	✓	0	(1)
Foothills	4	<0.05	0.2	0.1	✓	1	✓	1	✓	14	0.002	0.110	0.067	✓	0	(1)
Greenmount	4	0.1	0.3	0.2	✓	1	✓	0	(1)	13	0.099	0.200	0.145	✓	0	(1)
Greenmount/Darlington	4	<0.05	0.4	0.1	✓	1	✓	0	(1)	13	0.059	0.120	0.088	✓	0	(1)
Hamilton Hill	5	<0.05	<0.05	<0.05	✓	1	✓	1	✓	13	0.009	0.078	0.047	✓	0	(1)
Hills Direct	9	<0.05	<0.05	<0.05	✓	2	✓	1	✓	26	<0.001	0.044	0.016	✓	1	✓
Lexia	5	<0.05	1.7	0.7	✓	1	✓	1	✓	14	0.062	0.160	0.106	✓	0	(1)
Mandurah	12	<0.05	<0.05	<0.05	✓	3	✓	0	(1)	39	<0.001	0.034	0.006	✓	4	✓
Melville	5	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	13	0.009	0.087	0.053	✓	0	(1)
Mirrabooka	5	0.1	0.4	0.3	✓	1	✓	0	(1)	14	0.088	0.150	0.118	✓	0	(1)
Mt. Eliza	2	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	14	0.020	0.089	0.062	✓	0	(1)
Mt. Hawthorn	5	0.3	0.6	0.4	✓	1	✓	0	(1)	13	0.084	0.140	0.114	✓	0	(1)
Mt. Yokine	5	0.1	0.5	0.3	✓	1	✓	0	(1)	13	0.091	0.130	0.114	✓	0	(1)
Mundaring	5	0.1	0.1	0.1	✓	1	✓	0	(1)	13	0.002	0.010	0.007	✓	0	(1)
Neerabup	5	2.1	2.5	2.3	✓	1	✓	0	(1)	13	0.031	0.077	0.052	✓	0	(1)
North Dandalup	5	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	4	0.053	0.098	0.079	✓	0	(1)
Pinjarra	5	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	2	<0.001	0.006	0.003	✓	0	(1)
South Perth/Kewdale	4	<0.05	0.4	0.2	✓	1	✓	0	(1)	14	0.012	0.140	0.075	✓	0	(1)
Tamworth Hill	5	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	13	<0.001	0.031	0.006	✓	0	(1)
Thomsons Lake	5	<0.05	<0.05	<0.05	✓	1	✓	0	(1)	14	<0.001	0.097	0.071	✓	0	(1)
Two Rocks	4	1	1.2	1.1	✓	1	✓	0	(1)	13	0.004	0.011	0.007	✓	0	(1)
Wanneroo	4	<0.05	0.6	0.3	✓	1	✓	1	✓	13	0.062	0.140	0.097	✓	0	(1)
West Yokine	4	0.3	0.5	0.4	✓	1	✓	0	(1)	13	0.097	0.180	0.134	✓	0	(1)
Whitfords	4	0.4	1.5	0.8	✓	1	✓	0	(1)	13	0.068	0.140	0.099	✓	0	(1)
Yanchep	4	1.1	1.1	1.1	✓	1	✓	0	(1)	12	<0.001	0.007	0.002	✓	0	(1)

(1) No samples required in this 12 month period