

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

Table 21 Health related variables

Great Southern Region	E. coli				Thermophilic Naegleria			Fluoride					Hydrocarbons		Metals	
	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					
Albany	169	0	0	✓	85	0	✓	52	0.65	0.85	0.78	✓	2	✓	8	✓
Boddington	52	0	0	✓	52	0	✓	4	0.75	0.85	0.81	✓	0	(1)	2	✓
Borden	12	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Bremer Bay	51	0	0	✓	26	0	✓	4	0.50	0.60	0.55	✓	0	(1)	2	✓
Brookton	52	0	0	✓	52	0	✓	5	0.75	0.85	0.80	✓	0	(1)	2	✓
Broomehill	12	0	0	✓	12	0	✓	4	0.80	0.95	0.86	✓	0	(1)	2	✓
Bullaring	12	0	0	✓	12	0	✓	4	0.75	0.85	0.81	✓	0	(1)	2	✓
Condingup	12	0	0	✓	8	0	✓	2	0.30	0.30	0.30	✓	0	(1)	2	✓
Cranbrook	12	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Cuballing	12	0	0	✓	12	0	✓	4	0.70	0.80	0.78	✓	0	(1)	2	✓
Denmark	65	0	0	✓	32	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Dudin TWS	12	0	0	✓	12	0	✓	4	0.60	0.90	0.79	✓	0	(1)	2	✓
Dumbleyung	12	0	0	✓	12	0	✓	4	0.70	0.85	0.79	✓	0	(1)	2	✓
Esperance	91	0	0	✓	61	0	✓	52	0.50	0.95	0.82	✓	0	(1)	4	✓
Frankland	12	0	0	✓	7	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Gibson	12	0	0	✓	8	0	✓	2	0.35	0.35	0.35	✓	0	(1)	2	✓
Gnowangerup	52	0	0	✓	52	0	✓	5	0.75	0.90	0.82	✓	0	(1)	2	✓
Grass Patch	12	0	0	✓	8	0	✓	4	0.75	0.80	0.79	✓	2	✓	2	✓
Harrismith TWS	12	0	0	✓	12	0	✓	4	0.80	0.85	0.83	✓	0	(1)	2	✓
Highbury	12	0	0	✓	12	0	✓	4	0.75	0.85	0.81	✓	0	(1)	2	✓
Hopetoun	52	0	0	✓	35	0	✓	3	<0.1	<0.1	<0.1	✓	1	✓	2	✓
Hyden	12	0	0	✓	12	0	✓	4	0.35	0.85	0.70	✓	0	(1)	2	✓
Jerramungup	12	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Karlgarin	12	0	0	✓	12	0	✓	4	0.80	0.90	0.84	✓	0	(1)	2	✓
Katanning	65	0	0	✓	65	0	✓	52	0.75	1.00	0.84	✓	0	(1)	2	✓
Kendenup	12	0	0	✓	7	0	✓	4	0.75	0.85	0.80	✓	0	(1)	2	✓
Kojonup	52	0	0	✓	52	0	✓	4	0.80	1.00	0.86	✓	0	(1)	2	✓
Kondinin	12	0	0	✓	12	0	✓	4	0.80	0.95	0.86	✓	0	(1)	2	✓
Kukerin	12	0	0	✓	12	0	✓	4	0.70	0.85	0.79	✓	0	(1)	3	✓
Kulin	12	0	0	✓	12	0	✓	4	0.75	0.85	0.80	✓	0	(1)	2	✓
Lake Grace	52	0	0	✓	52	0	✓	5	0.75	0.85	0.80	✓	2	✓	2	✓
Lake King	12	0	0	✓	12	0	✓	4	0.70	0.85	0.80	✓	0	(1)	2	✓
Mt Barker	52	0	0	✓	30	0	✓	52	0.60	0.85	0.78	✓	0	(1)	2	✓
Munglinup	12	0	0	✓	8	0	✓	2	<0.1	0.35	0.18	✓	2	✓	2	✓
Muradup	12	0	0	✓	12	0	✓	4	0.80	0.95	0.86	✓	0	(1)	2	✓
Narrakup	12	0	0	✓	6	0	✓	4	0.75	0.85	0.80	✓	0	(1)	2	✓
Narrogin	65	0	0	✓	65	0	✓	52	0.65	0.90	0.80	✓	0	(1)	2	✓
Newdegate	12	0	0	✓	12	0	✓	4	0.70	0.90	0.80	✓	2	✓	2	✓
Nyabing	12	0	0	✓	12	0	✓	4	0.75	0.95	0.84	✓	2	✓	2	✓
Ongerup	12	0	0	✓	6	0	✓	2	0.25	0.75	0.50	✓	2	✓	2	✓
Pingaring	12	0	0	✓	12	0	✓	4	0.75	0.90	0.81	✓	0	(1)	2	✓
Pingelly	52	0	0	✓	52	0	✓	4	0.70	0.80	0.78	✓	0	(1)	2	✓
Pingrup	12	0	0	✓	12	0	✓	4	0.80	0.85	0.83	✓	2	✓	2	✓
Popanyinning	12	0	0	✓	12	0	✓	4	0.75	0.80	0.79	✓	0	(1)	2	✓
Ravensthorpe	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Rocky Gully	12	0	0	✓	6	0	✓	4	0.70	0.85	0.78	✓	0	(1)	2	✓
Salmon Gums	12	0	0	✓	7	0	✓	2	0.35	0.40	0.38	✓	0	(1)	2	✓
Tambellup	12	0	0	✓	12	0	✓	4	0.75	1.00	0.85	✓	2	✓	2	✓
Tincurrin TWS	12	0	0	✓	12	0	✓	4	0.70	0.85	0.79	✓	0	(1)	2	✓
Varley	12	0	0	✓	12	0	✓	4	0.75	0.80	0.78	✓	2	✓	2	✓
Wagin	52	0	0	✓	52	0	✓	5	0.80	0.95	0.85	✓	0	(1)	2	✓
Walpole	52	0	0	✓	26	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Wandering	12	0	0	✓	12	0	✓	4	0.65	0.80	0.74	✓	0	(1)	2	✓
Wellstead	12	0	0	✓	6	0	✓	2	0.25	0.75	0.50	✓	0	(1)	2	✓
Wickepin TWS	12	0	0	✓	12	0	✓	4	0.75	0.90	0.81	✓	0	(1)	2	✓
Williams	12	0	0	✓	12	0	✓	4	0.45	0.85	0.70	✓	0	(1)	2	✓
Woodanilling	12	0	0	✓	12	0	✓	4	0.75	0.85	0.80	✓	2	✓	2	✓
Yealering	12	0	0	✓	12	0	✓	4	0.75	0.85	0.80	✓	0	(1)	2	✓

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

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Table 22 Health related variables

Great Southern Region	Health related variables															
Locality	Nitrate					Pesticides		Radiological		Trihalomethanes					Other Health Related	
	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			
Albany	16	0.4	1.3	0.9	✓	4	✓	0	(1)	8	0.120	0.150	0.133	✓	2	✓
Boddington	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	5	0.062	0.110	0.088	✓	0	(1)
Borden	2	<0.2	0.4	<0.2	✓	1	✓	2	✓	2	0.038	0.068	0.053	✓	1	✓
Bremer Bay	4	24.6	34.8	30.4	✓	1	✓	0	(1)	2	0.068	0.100	0.084	✓	0	(1)
Brookton	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	9	0.042	0.085	0.062	✓	0	(1)
Broomehill	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.068	0.110	0.087	✓	0	(1)
Bullaring	4	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.100	0.190	0.148	✓	0	(1)
Condingup	4	1.8	2.2	1.8	✓	1	✓	0	(1)	2	0.013	0.021	0.017	✓	1	✓
Cranbrook	2	0.4	0.4	0.4	✓	1	✓	0	(1)	4	0.042	0.065	0.058	✓	1	✓
Cuballing	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.063	0.099	0.080	✓	0	(1)
Denmark	5	0.4	0.4	0.4	✓	1	✓	1	✓	5	0.026	0.057	0.037	✓	0	(1)
Dudin TWS	4	<0.2	0.4	<0.2	✓	1	✓	2	✓	4	0.039	0.089	0.067	✓	0	(1)
Dumbleyung	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.094	0.150	0.119	✓	0	(1)
Esperance	10	5.7	30.4	12.8	✓	2	✓	4	✓	4	0.011	0.038	0.021	✓	0	(1)
Frankland	4	<0.2	<0.2	<0.2	✓	1	✓	1	✓	4	0.038	0.069	0.050	✓	0	(1)
Gibson	4	6.6	16.7	11.9	✓	1	✓	1	✓	2	0.030	0.059	0.045	✓	1	✓
Gnowangerup	5	<0.2	0.4	<0.2	✓	1	✓	0	(1)	5	0.016	0.048	0.030	✓	0	(1)
Grass Patch	4	10.6	21.6	15.4	✓	1	✓	0	(1)	2	0.050	0.099	0.075	✓	0	(1)
Harrismith TWS	4	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.076	0.130	0.114	✓	0	(1)
Highbury	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.063	0.079	0.071	✓	0	(1)
Hopetoun	5	1.3	4.4	2.2	✓	1	✓	2	✓	2	0.012	0.012	0.012	✓	0	(1)
Hyden	4	<0.2	0.4	<0.2	✓	1	✓	1	✓	4	0.048	0.100	0.069	✓	0	(1)
Jerramungup	4	0.4	28.2	7.5	✓	1	✓	0	(1)	2	0.064	0.068	0.066	✓	0	(1)
Karlgarin	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.048	0.082	0.066	✓	0	(1)
Katanning	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.042	0.062	0.052	✓	0	(1)
Kendenup	4	0.9	0.9	0.9	✓	1	✓	2	✓	4	0.110	0.180	0.145	✓	0	(1)
Kojonup	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.059	0.140	0.095	✓	0	(1)
Kondinin	4	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.055	0.120	0.077	✓	0	(1)
Kukerin	4	0.4	0.4	0.4	✓	1	✓	0	(1)	4	0.120	0.130	0.125	✓	0	(1)
Kulin	4	<0.2	0.4	0.4	✓	1	✓	0	(1)	4	0.085	0.180	0.124	✓	0	(1)
Lake Grace	5	<0.2	0.4	<0.2	✓	1	✓	2	✓	5	0.088	0.130	0.110	✓	2	✓
Lake King	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	2	0.062	0.074	0.068	✓	0	(1)
Mt Barker	4	0.4	1.3	0.9	✓	1	✓	2	✓	4	0.100	0.160	0.140	✓	0	(1)
Munglinup	2	<0.2	3.5	1.8	✓	1	✓	0	(1)	2	0.055	0.060	0.058	✓	2	✓
Muradup	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.081	0.110	0.098	✓	0	(1)
Narrikup	4	0.4	1.3	0.9	✓	1	✓	2	✓	4	0.110	0.160	0.138	✓	0	(1)
Narrogin	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.058	0.110	0.084	✓	0	(1)
Newdegate	2	0.4	0.4	0.4	✓	1	✓	2	✓	4	0.084	0.130	0.111	✓	2	✓
Nyabing	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.069	0.070	0.070	✓	2	✓
Ongerup	2	0.4	0.9	0.4	✓	1	✓	2	✓	2	0.095	0.130	0.113	✓	2	✓
Pingaring	4	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.120	0.230	0.173	✓	0	(1)
Pingelly	3	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.046	0.095	0.071	✓	0	(1)
Pingrup	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.032	0.050	0.043	✓	2	✓
Popanyinning	2	<0.2	<0.2	<0.2	✓	1	✓	1	✓	4	0.091	0.140	0.113	✓	0	(1)
Ravensthorpe	4	<0.2	4.0	1.3	✓	4	✓	0	(1)	4	0.017	0.140	0.064	✓	2	✓
Rocky Gully	4	0.9	0.9	0.9	✓	1	✓	2	✓	2	0.097	0.100	0.099	✓	0	(1)
Salmon Gums	4	0.9	1.3	0.9	✓	1	✓	0	(1)	2	0.087	0.130	0.109	✓	0	(1)
Tambellup	2	0.4	0.4	0.4	✓	1	✓	0	(1)	4	0.053	0.086	0.071	✓	2	✓
Tincurrin TWS	4	<0.2	0.4	0.4	✓	1	✓	0	(1)	4	0.088	0.130	0.100	✓	0	(1)
Varley	2	0.4	0.4	0.4	✓	1	✓	0	(1)	2	0.038	0.048	0.043	✓	2	✓
Wagin	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	5	0.086	0.160	0.118	✓	0	(1)
Walpole	4	0.9	1.3	1.3	✓	1	✓	0	(1)	4	0.066	0.097	0.087	✓	0	(1)
Wandering	2	0.4	0.4	0.4	✓	1	✓	0	(1)	4	0.085	0.110	0.099	✓	0	(1)
Wellstead	2	0.4	1.3	0.9	✓	1	✓	0	(1)	2	0.100	0.160	0.130	✓	0	(1)
Wickepin TWS	4	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.055	0.090	0.066	✓	0	(1)
Williams	2	<0.2	0.4	0.4	✓	1	✓	0	(1)	4	0.070	0.130	0.101	✓	0	(1)
Woodanilling	2	0.4	0.4	0.4	✓	1	✓	0	(1)	4	0.110	0.160	0.135	✓	1	✓
Yealering	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.070	0.140	0.111	✓	0	(1)

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