

Drinking Water Quality Annual Report Data 01/07/2020 to 30/06/2021

Table 21 Health related variables

Great Southern Region	Health related variables															
	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
Min										Max	Mean					
Albany	169	0	0	✓	169	0	✓	52	0.65	0.85	0.76	(2)	2	✓	8	✓
Boddington	53	0	0	✓	53	0	✓	4	0.80	0.95	0.86	(2)	2	✓	2	✓
Borden	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Bremer Bay	51	0	0	✓	34	0	✓	4	0.50	0.55	0.51	✓	2	✓	2	✓
Brookton	52	0	0	✓	52	0	✓	5	0.70	0.95	0.82	(2)	2	✓	2	✓
Broomehill	12	0	0	✓	12	0	✓	4	0.80	1.00	0.89	(2)	0	(1)	2	✓
Bullaring	12	0	0	✓	12	0	✓	4	0.75	0.95	0.85	(2)	2	✓	2	✓
Condingup	12	0	0	✓	8	0	✓	2	0.25	0.30	0.28	✓	0	(1)	2	✓
Cranbrook	12	0	0	✓	8	0	✓	2	<0.1	0.75	0.38	✓	0	(1)	2	✓
Cuballing	12	0	0	✓	12	0	✓	4	0.75	0.90	0.84	(2)	2	✓	2	✓
Denmark	65	0	0	✓	42	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Dudin TWS	12	0	0	✓	12	0	✓	4	0.70	0.90	0.83	(2)	0	(1)	2	✓
Dumbleyung	12	0	0	✓	12	0	✓	4	0.70	0.95	0.83	(2)	2	✓	2	✓
Esperance	91	0	0	✓	61	0	✓	52	0.50	0.85	0.76	(2)	0	(1)	4	✓
Frankland	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Gibson	12	0	0	✓	8	0	✓	2	0.35	0.35	0.35	✓	2	✓	2	✓
Gnowangerup	52	0	0	✓	52	0	✓	4	0.80	1.00	0.90	(2)	0	(1)	2	✓
Grass Patch	12	0	0	✓	8	0	✓	4	0.70	0.90	0.79	(2)	0	(1)	2	✓
Harrismith TWS	12	0	0	✓	12	0	✓	4	0.75	0.95	0.85	(2)	2	✓	2	✓
Highbury	12	0	0	✓	12	0	✓	4	0.75	0.95	0.86	(2)	2	✓	2	✓
Hopetoun	52	0	0	✓	34	0	✓	2	<0.1	<0.1	<0.1	✓	1	✓	2	✓
Hyden	12	0	0	✓	12	0	✓	4	0.70	0.95	0.86	(2)	0	(1)	2	✓
Jerramungup	12	0	0	✓	8	0	✓	2	<0.1	0.55	0.28	✓	2	✓	2	✓
Karlgarin	12	0	0	✓	12	0	✓	4	0.70	0.90	0.83	(2)	2	✓	2	✓
Katanning	65	0	0	✓	65	0	✓	52	0.70	1.00	0.86	(2)	0	(1)	2	✓
Kendenup	12	0	0	✓	7	0	✓	4	0.75	0.80	0.76	(2)	0	(1)	2	✓
Kojonup	52	0	0	✓	52	0	✓	5	0.80	1.00	0.87	(2)	2	✓	2	✓
Kondinin	12	0	0	✓	12	0	✓	4	0.70	1.00	0.86	(2)	0	(1)	2	✓
Kukerin	12	0	0	✓	12	0	✓	5	0.70	0.95	0.82	(2)	2	✓	2	✓
Kulin	12	0	0	✓	12	0	✓	4	0.70	0.95	0.83	(2)	1	✓	2	✓
Lake Grace	52	0	0	✓	52	0	✓	4	0.70	0.95	0.86	(2)	0	(1)	2	✓
Lake King	12	0	0	✓	12	0	✓	4	0.70	0.95	0.83	(2)	0	(1)	2	✓
Mt Barker	52	0	0	✓	34	0	✓	52	0.70	0.80	0.77	(2)	0	(1)	2	✓
Munglinup	12	0	0	✓	8	0	✓	3	0.75	0.80	0.77	✓	0	(1)	2	✓
Muradup	12	0	0	✓	12	0	✓	4	0.80	1.00	0.88	(2)	2	✓	2	✓
Narrikup	12	0	0	✓	8	0	✓	4	0.75	0.80	0.79	(2)	0	(1)	2	✓
Narrogin	65	0	0	✓	65	0	✓	52	0.70	0.95	0.84	(2)	2	✓	2	✓
Newdegate	12	0	0	✓	12	0	✓	4	0.70	0.95	0.85	(2)	0	(1)	2	✓
Nyabing	12	0	0	✓	12	0	✓	4	0.80	0.95	0.86	(2)	0	(1)	2	✓
Ongerup	12	0	0	✓	8	0	✓	2	0.75	0.90	0.83	✓	0	(1)	2	✓
Pingaring	12	0	0	✓	12	0	✓	4	0.75	0.90	0.85	(2)	2	✓	2	✓
Pingelly	52	0	0	✓	52	0	✓	5	0.75	0.95	0.85	(2)	2	✓	2	✓
Pingrup	12	0	0	✓	12	0	✓	4	0.70	1.00	0.86	(2)	0	(1)	2	✓
Popanyinning	12	0	0	✓	12	0	✓	4	0.75	0.90	0.83	(2)	2	✓	2	✓
Ravensthorpe	12	0	0	✓	8	0	✓	2	<0.1	0.15	<0.1	✓	0	(1)	2	✓
Rocky Gully	12	0	0	✓	8	0	✓	4	0.75	0.80	0.76	(2)	0	(1)	2	✓
Salmon Gums	12	0	0	✓	12	0	✓	2	0.70	0.80	0.75	✓	1	✓	2	✓
Tambellup	12	0	0	✓	12	0	✓	4	0.80	0.95	0.88	(2)	0	(1)	2	✓
Tincurrin TWS	12	0	0	✓	12	0	✓	4	0.70	0.85	0.80	(2)	2	✓	2	✓
Varley	12	0	0	✓	12	0	✓	4	0.75	0.95	0.85	(2)	0	(1)	2	✓
Wagin	52	0	0	✓	52	0	✓	4	0.75	0.95	0.85	(2)	2	✓	2	✓
Walpole	52	0	0	✓	34	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Wandering	12	0	0	✓	12	0	✓	4	0.75	0.90	0.85	(2)	0	(1)	2	✓
Wellstead	12	0	0	✓	8	0	✓	2	0.75	0.75	0.75	(2)	2	✓	2	✓
Wickepin TWS	12	0	0	✓	12	0	✓	4	0.75	0.95	0.85	(2)	2	✓	2	✓
Williams	12	0	0	✓	12	0	✓	4	0.75	0.90	0.81	(2)	2	✓	2	✓
Woodanilling	12	0	0	✓	12	0	✓	4	0.75	0.90	0.83	(2)	0	(1)	2	✓
Yealering	12	0	0	✓	12	0	✓	4	0.75	0.95	0.84	(2)	2	✓	2	✓

(1) No samples required in this 12 month period. (2) Receives water from a fluoridated source within the dosing range set by the Fluoridation of Water Supplies Advisory Committee

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Table 22 Health related variables

Great Southern Region	Health related variables															
	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
Min			Max	Mean	Min							Max	Mean			
Albany	16	0.9	1.3	0.9	✓	5	✓	0	(1)	16	0.088	0.190	0.134	✓	2	✓
Boddington	2	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	5	0.017	0.140	0.058	✓	2	✓
Borden	2	0.4	0.9	0.9	✓	1	✓	0	(1)	2	0.049	0.083	0.066	✓	1	✓
Bremer Bay	4	26.4	29.9	28.6	✓	2	✓	0	(1)	2	0.093	0.093	0.093	✓	1	✓
Brookton	2	<0.2	<0.2	<0.2	✓	2	✓	2	✓	5	0.027	0.075	0.043	✓	2	✓
Broomehill	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.053	0.110	0.088	✓	0	(1)
Bullaring	4	0.4	0.4	0.4	✓	2	✓	0	(1)	4	0.063	0.140	0.099	✓	2	✓
Condingup	4	1.8	2.2	1.8	✓	1	✓	0	(1)	2	0.008	0.014	0.011	✓	0	(1)
Cranbrook	2	<0.2	0.9	0.4	✓	1	✓	2	✓	4	0.090	0.180	0.130	✓	1	✓
Cuballing	2	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	4	0.033	0.097	0.059	✓	2	✓
Denmark	5	<0.2	0.9	0.4	✓	2	✓	0	(1)	5	0.014	0.061	0.038	✓	0	(1)
Dudin TWS	4	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.040	0.120	0.076	✓	2	✓
Dumbleyung	2	0.4	0.4	0.4	✓	2	✓	0	(1)	4	0.040	0.110	0.075	✓	2	✓
Esperance	9	6.2	16.7	11.9	✓	2	✓	4	✓	5	0.007	0.018	0.013	✓	1	✓
Frankland	4	<0.2	0.4	<0.2	✓	1	✓	1	✓	3	0.059	0.083	0.070	✓	0	(1)
Gibson	4	11.0	12.8	11.9	✓	2	✓	1	✓	2	0.044	0.120	0.082	✓	2	✓
Gnowangerup	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.027	0.055	0.039	✓	0	(1)
Grass Patch	4	4.0	14.1	10.1	✓	1	✓	0	(1)	2	0.054	0.055	0.055	✓	1	✓
Harrismith TWS	4	<0.2	<0.2	<0.2	✓	2	✓	1	✓	4	0.140	0.220	0.165	✓	0	✓
Highbury	4	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	4	0.025	0.070	0.048	✓	1	✓
Hopetoun	4	1.3	3.1	2.2	✓	2	✓	2	✓	2	0.011	0.018	0.015	✓	0	✓
Hyden	4	<0.2	0.4	<0.2	✓	1	✓	1	✓	4	0.092	0.190	0.122	✓	2	(1)
Jerramungup	4	0.4	22.9	6.2	✓	2	✓	2	✓	2	0.100	0.130	0.115	✓	2	✓
Karlgarin	2	<0.2	0.4	<0.2	✓	2	✓	0	(1)	4	0.080	0.150	0.109	✓	2	✓
Katanning	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.044	0.064	0.054	✓	1	✓
Kendenup	4	0.9	1.3	0.9	✓	1	✓	2	✓	4	0.110	0.170	0.140	✓	0	(1)
Kojonup	2	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	5	0.057	0.097	0.077	✓	2	✓
Kondinin	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.110	0.210	0.140	✓	2	✓
Kukerin	5	0.4	0.4	0.4	✓	2	✓	0	(1)	5	0.050	0.150	0.086	✓	2	✓
Kulin	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.110	0.190	0.143	✓	2	✓
Lake Grace	4	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.073	0.190	0.111	✓	0	(1)
Lake King	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	2	0.047	0.071	0.059	✓	1	✓
Mt Barker	4	0.9	0.9	0.9	✓	1	✓	2	✓	4	0.100	0.140	0.125	✓	1	✓
Munglinup	3	1.8	12.8	7.5	✓	1	✓	0	(1)	2	0.053	0.062	0.058	✓	0	(1)
Muradup	2	<0.2	0.4	<0.2	✓	2	✓	0	(1)	4	0.066	0.100	0.080	✓	2	✓
Narrakup	4	0.9	1.3	0.9	✓	1	✓	2	✓	4	0.090	0.160	0.130	✓	0	(1)
Narrogin	5	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	2	0.040	0.047	0.044	✓	2	✓
Newdegate	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.079	0.120	0.092	✓	0	(1)
Nyabing	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.062	0.100	0.081	✓	0	(1)
Ongerup	2	0.9	0.9	0.9	✓	1	✓	0	(1)	2	0.086	0.110	0.098	✓	0	(1)
Pingaring	4	<0.2	0.4	<0.2	✓	2	✓	0	(1)	4	0.130	0.220	0.158	✓	2	✓
Pingelly	2	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	5	0.023	0.110	0.062	✓	2	✓
Pingrup	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.037	0.084	0.054	✓	0	(1)
Popanyinning	2	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	4	0.068	0.120	0.092	✓	2	✓
Ravensthorpe	4	<0.2	12.3	3.5	✓	4	✓	2	✓	4	0.063	0.120	0.103	✓	0	(1)
Rocky Gully	4	0.9	0.9	0.9	✓	1	✓	2	✓	2	0.096	0.099	0.098	✓	1	✓
Salmon Gums	3	8.8	11.9	10.6	✓	1	✓	2	✓	2	0.061	0.110	0.086	✓	1	✓
Tambellup	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.034	0.088	0.053	✓	0	(1)
Tincurrin TWS	4	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	4	0.090	0.140	0.115	✓	2	✓
Varley	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.038	0.042	0.040	✓	0	(1)
Wagin	2	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	4	0.044	0.160	0.084	✓	2	✓
Walpole	4	<0.2	2.6	1.8	✓	1	✓	0	(1)	4	0.075	0.160	0.108	✓	0	(1)
Wandering	2	<0.2	0.4	<0.2	✓	1	✓	0	(1)	4	0.055	0.140	0.085	✓	0	(1)
Wellstead	2	0.9	0.9	0.9	✓	2	✓	2	✓	2	0.094	0.150	0.122	✓	1	✓
Wickepin TWS	4	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	4	0.026	0.130	0.060	✓	1	✓
Williams	2	<0.2	<0.2	<0.2	✓	2	✓	0	(1)	4	0.031	0.076	0.049	✓	2	✓
Woodanilling	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.048	0.130	0.102	✓	0	(1)
Yealering	4	<0.2	0.4	<0.2	✓	2	✓	0	(1)	4	0.036	0.100	0.071	✓	2	✓

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