

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

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	161	0	0	✓	79	0	✓	52	0.40	0.85	0.75	✓	0	(1)	8	✓
Boddington	52	0	0	✓	52	0	✓	4	0.45	0.90	0.73	✓	0	(1)	2	✓
Borden	12	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Bremer Bay	52	0	0	✓	25	0	✓	4	0.55	0.55	0.55	✓	0	(1)	2	✓
Brookton	52	0	0	✓	52	0	✓	4	0.70	0.85	0.78	✓	0	(1)	2	✓
Broomehill	12	0	0	✓	12	0	✓	4	0.80	0.85	0.83	✓	0	(1)	2	✓
Bullaring	12	0	0	✓	12	0	✓	4	0.70	0.85	0.78	✓	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	✓	0	(1)	2	✓
Cuballing	12	0	0	✓	12	0	✓	4	0.60	0.80	0.75	✓	0	(1)	2	✓
Denmark	65	0	0	✓	31	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Dudinin TWS	12	0	0	✓	12	0	✓	4	0.75	0.90	0.81	✓	1	✓	2	✓
Dumbleyung	12	0	0	✓	12	0	✓	5	0.75	0.85	0.80	✓	0	(1)	2	✓
Esperance	91	0	0	✓	61	0	✓	52	0.45	0.85	0.67	✓	0	(1)	4	✓
Frankland	12	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Gibson	12	0	0	✓	8	0	✓	2	0.35	0.35	0.35	✓	0	(1)	2	✓
Gnowangerup	52	0	0	✓	52	0	✓	4	0.80	0.85	0.81	✓	2	✓	2	✓
Grass Patch	12	0	0	✓	8	0	✓	4	0.60	0.75	0.70	✓	0	(1)	3	✓
Harrismith TWS	12	0	0	✓	12	0	✓	4	0.70	0.90	0.79	✓	0	(1)	2	✓
Highbury	12	0	0	✓	12	0	✓	4	0.55	0.80	0.74	✓	0	(1)	2	✓
Hopetoun	50	0	0	✓	34	0	✓	2	0.10	0.10	0.10	✓	0	(1)	2	✓
Hyden	12	0	0	✓	12	0	✓	4	0.30	0.85	0.70	✓	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	0.85	0.83	✓	0	(1)	2	✓
Katanning	65	0	0	✓	65	0	✓	52	0.65	0.90	0.81	✓	0	(1)	2	✓
Kendenu	12	0	0	✓	6	0	✓	4	0.75	0.80	0.78	✓	2	✓	2	✓
Kojonup	52	0	0	✓	52	0	✓	5	0.75	0.85	0.80	✓	0	(1)	2	✓
Kondinin	12	0	0	✓	12	0	✓	4	0.70	0.85	0.80	✓	1	✓	2	✓
Kukerin	12	0	0	✓	12	0	✓	5	0.75	0.85	0.80	✓	0	(1)	2	✓
Kulin	12	0	0	✓	12	0	✓	4	0.70	0.85	0.76	✓	1	✓	2	✓
Lake Grace	51	0	0	✓	51	0	✓	4	0.65	0.85	0.74	✓	0	(1)	2	✓
Lake King	12	0	0	✓	8	0	✓	4	0.75	0.85	0.81	✓	0	(1)	2	✓
Mt Barker	52	0	0	✓	25	0	✓	52	0.60	0.85	0.77	✓	0	(1)	2	✓
Munglinup	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Muradup	12	0	0	✓	12	0	✓	4	0.80	0.85	0.83	✓	0	(1)	2	✓
Narrakup	12	0	0	✓	6	0	✓	4	0.65	0.80	0.75	✓	2	✓	2	✓
Narrogin	65	0	0	✓	65	0	✓	52	0.50	0.90	0.76	✓	0	(1)	2	✓
Newdegate	12	0	0	✓	12	0	✓	4	0.75	0.85	0.80	✓	0	(1)	2	✓
Nyabing	12	0	0	✓	12	0	✓	4	0.80	0.90	0.83	✓	0	(1)	2	✓
Ongerup	12	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Pingaring	12	0	0	✓	12	0	✓	4	0.65	0.85	0.78	✓	0	(1)	2	✓
Pingelly	52	0	0	✓	52	0	✓	5	0.65	0.85	0.78	✓	0	(1)	2	✓
Pingrup	12	0	0	✓	12	0	✓	4	0.85	0.85	0.85	✓	0	(1)	2	✓
Popanyinning	12	0	0	✓	12	0	✓	4	0.60	0.80	0.75	✓	0	(1)	2	✓
Ravensthorpe	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Rocky Gully	12	0	0	✓	6	0	✓	4	0.75	0.80	0.79	✓	0	(1)	2	✓
Salmon Gums	12	0	0	✓	8	0	✓	2	0.35	0.35	0.35	✓	0	(1)	2	✓
Tambellup	12	0	0	✓	12	0	✓	4	0.80	0.85	0.83	✓	0	(1)	2	✓
Tincurrin TWS	12	0	0	✓	12	1	✓	4	0.70	0.90	0.79	✓	0	(1)	2	✓
Varley	12	0	0	✓	8	0	✓	4	0.55	0.85	0.75	✓	0	(1)	2	✓
Waagin	52	0	0	✓	52	0	✓	4	0.75	0.80	0.79	✓	0	(1)	2	✓
Walpole	52	0	0	✓	25	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Wandering	12	0	0	✓	12	0	✓	4	0.30	0.80	0.66	✓	2	✓	2	✓
Wellstead	12	0	0	✓	6	0	✓	2	0.20	0.25	0.23	✓	0	(1)	2	✓
Wickepin TWS	12	0	0	✓	12	0	✓	4	0.70	0.85	0.79	✓	0	(1)	2	✓
Williams	12	0	0	✓	12	0	✓	4	0.70	0.85	0.78	✓	0	(1)	2	✓
Woodanilling	12	0	0	✓	12	0	✓	4	0.60	0.85	0.75	✓	0	(1)	2	✓
Yealering	12	0	0	✓	12	0	✓	4	0.70	0.90	0.84	✓	0	(1)	2	✓

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

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

Table 22 Health related variables

Great Southern Region	Health related variables																
	Locality	Samples Taken	Nitrate			Guideline Met	Pesticides		Radiological		Trihalomethanes				Other Health Related		
			Min	Max	Mean		Samples Taken	Guideline Met	Samples Taken	Guideline Met	Samples Taken	Min	Max	Mean	Guideline Met	Samples Taken	Requirement Met
Albany	20	0.40	1.32	0.92	✓	4	✓	8	✓	8	✓	0.053	0.150	0.111	✓	0	(1)
Boddington	2	0.22	0.75	0.48	✓	1	✓	0	(1)	4	✓	0.093	0.170	0.128	✓	0	(1)
Borden	2	<0.22	0.22	<0.22	✓	1	✓	0	(1)	2	✓	0.028	0.036	0.032	✓	0	(1)
Bremer Bay	4	24.64	26.40	25.30	✓	1	✓	2	✓	2	✓	0.097	0.110	0.104	✓	0	(1)
Brookton	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.074	0.096	0.087	✓	0	(1)
Broomehill	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.085	0.110	0.101	✓	0	(1)
Bullaring	4	<0.22	0.44	0.26	✓	1	✓	0	(1)	4	✓	0.100	0.140	0.118	✓	0	(1)
Condingup	4	0.26	2.02	1.41	✓	1	✓	2	✓	2	✓	0.011	0.013	0.012	✓	0	(1)
Cranbrook	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.034	0.065	0.049	✓	0	(1)
Cuballing	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.084	0.120	0.109	✓	0	(1)
Denmark	4	0.48	0.88	0.70	✓	1	✓	0	(1)	4	✓	0.037	0.062	0.052	✓	2	✓
Dudin TWS	4	<0.22	0.26	<0.22	✓	1	✓	0	(1)	3	✓	0.061	0.110	0.082	✓	0	(1)
Dumbleyung	2	0.31	0.40	0.35	✓	1	✓	0	(1)	5	✓	0.100	0.180	0.136	✓	0	✓
Esperance	8	12.76	27.72	16.10	✓	2	✓	0	(1)	4	✓	0.005	0.037	0.021	✓	0	(1)
Frankland	4	<0.22	<0.22	<0.22	✓	1	✓	1	✓	4	✓	0.033	0.080	0.049	✓	2	✓
Gibson	4	8.36	15.40	11.44	✓	1	✓	2	✓	2	✓	0.026	0.056	0.041	✓	1	✓
Gnowangerup	4	<0.22	0.26	<0.22	✓	1	✓	0	(1)	4	✓	0.031	0.170	0.128	✓	2	✓
Grass Patch	4	10.56	20.24	15.53	✓	1	✓	2	✓	2	✓	0.045	0.081	0.063	✓	0	(1)
Harrismith TWS	4	<0.22	0.48	<0.22	✓	1	✓	0	(1)	4	✓	0.150	0.190	0.170	✓	0	(1)
Highbury	4	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.070	0.110	0.089	✓	1	✓
Hopetoun	4	0.92	4.22	3.30	✓	1	✓	0	(1)	2	✓	0.008	0.014	0.011	✓	0	(1)
Hyden	4	<0.22	0.26	<0.22	✓	1	✓	0	(1)	4	✓	0.060	0.095	0.076	✓	0	(1)
Jerramungup	4	<0.22	0.40	<0.22	✓	1	✓	0	(1)	2	✓	0.054	0.066	0.060	✓	0	(1)
Karlgarin	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.049	0.094	0.073	✓	0	(1)
Katanning	4	<0.22	<0.22	<0.22	✓	1	✓	2	✓	4	✓	0.050	0.066	0.057	✓	0	(1)
Kendenup	4	0.84	1.32	1.10	✓	1	✓	0	(1)	4	✓	0.100	0.160	0.125	✓	2	✓
Kojonup	2	<0.22	0.31	<0.22	✓	1	✓	1	✓	5	✓	0.090	0.150	0.110	✓	0	(1)
Kondinin	4	<0.22	0.26	<0.22	✓	1	✓	0	(1)	4	✓	0.070	0.085	0.076	✓	0	(1)
Kukerin	5	0.40	0.53	0.44	✓	1	✓	0	(1)	5	✓	0.080	0.170	0.126	✓	0	(1)
Kulin	4	<0.22	0.31	<0.22	✓	1	✓	0	(1)	4	✓	0.120	0.210	0.175	✓	0	(1)
Lake Grace	4	<0.22	0.35	<0.22	✓	1	✓	0	(1)	4	✓	0.093	0.160	0.133	✓	0	(1)
Lake King	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.069	0.110	0.082	✓	0	(1)
Mt Barker	4	0.79	1.41	1.10	✓	1	✓	0	(1)	4	✓	0.091	0.150	0.128	✓	0	(1)
Munglinup	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	2	✓	0.050	0.100	0.075	✓	0	(1)
Muradup	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.098	0.170	0.125	✓	0	(1)
Narrikup	4	0.70	1.10	0.97	✓	1	✓	0	(1)	4	✓	0.092	0.140	0.112	✓	2	✓
Narrogin	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	2	✓	0.068	0.130	0.099	✓	0	(1)
Newdegate	2	<0.22	0.35	<0.22	✓	1	✓	0	(1)	4	✓	0.120	0.140	0.128	✓	0	(1)
Nyabing	4	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	2	✓	0.070	0.079	0.075	✓	0	(1)
Ongerup	2	0.31	0.97	0.66	✓	1	✓	0	(1)	2	✓	0.064	0.066	0.065	✓	0	(1)
Pingaring	4	0.31	0.48	0.40	✓	1	✓	0	(1)	4	✓	0.180	0.260	0.213	✓	0	(1)
Pingelly	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	5	✓	0.069	0.180	0.103	✓	0	(1)
Pingrup	2	<0.22	0.35	<0.22	✓	1	✓	0	(1)	4	✓	0.030	0.051	0.039	✓	0	(1)
Popanyinning	2	<0.22	0.26	<0.22	✓	1	✓	0	(1)	4	✓	0.110	0.170	0.150	✓	0	(1)
Ravensthorpe	4	<0.22	<0.22	<0.22	✓	4	✓	0	(1)	4	✓	0.060	0.110	0.081	✓	0	(1)
Rocky Gully	4	1.01	1.41	1.23	✓	1	✓	0	(1)	2	✓	0.088	0.100	0.094	✓	0	(1)
Salmon Gums	4	1.06	1.54	1.23	✓	1	✓	0	(1)	2	✓	0.110	0.120	0.115	✓	0	(1)
Tambellup	2	<0.22	0.35	<0.22	✓	1	✓	0	(1)	4	✓	0.071	0.110	0.084	✓	0	(1)
Tincurrin TWS	4	0.26	0.48	0.40	✓	1	✓	0	(1)	4	✓	0.078	0.150	0.119	✓	0	(1)
Varley	2	0.22	0.22	0.22	✓	1	✓	0	(1)	2	✓	0.050	0.057	0.054	✓	0	(1)
Wagin	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.100	0.170	0.140	✓	0	✓
Walpole	4	0.62	0.97	0.84	✓	1	✓	0	(1)	4	✓	0.087	0.100	0.096	✓	0	(1)
Wandering	2	0.31	0.44	0.40	✓	1	✓	2	✓	4	✓	0.110	0.140	0.118	✓	2	✓
Wellstead	2	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	2	✓	0.035	0.048	0.042	✓	1	✓
Wickepin TWS	4	<0.22	<0.22	<0.22	✓	1	✓	0	(1)	4	✓	0.084	0.130	0.107	✓	0	(1)
Williams	2	<0.22	0.57	0.31	✓	1	✓	0	(1)	4	✓	0.057	0.160	0.114	✓	0	(1)
Woodanilling	2	<0.22	0.31	<0.22	✓	1	✓	0	(1)	4	✓	0.082	0.180	0.133	✓	1	✓
Yealering	4	<0.22	0.53	<0.22	✓	1	✓	0	(1)	4	✓	0.094	0.190	0.136	✓	0	(1)

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