

Drinking Water Quality Annual Report Data 01/07/2023 to 30/06/2024

Table 21		Health related variables														
Great Southern Region	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	Guideline Met
									Min	Max	Mean					
Albany	169	0	0	✓	169	0	✓	52	0.25	0.90	0.80	(2)	2	✓	9	✓
Boddington	52	0	0	✓	52	0	✓	4	0.80	0.85	0.83	(2)	0	(1)	2	✓
Borden	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Bremer Bay	52	0	0	✓	35	0	✓	4	0.50	0.55	0.51	✓	0	(1)	2	✓
Brookton	52	0	0	✓	52	0	✓	5	0.75	0.85	0.81	(2)	0	(1)	2	✓
Broomehill	12	0	0	✓	12	0	✓	4	0.75	0.90	0.83	(2)	0	(1)	2	✓
Bullaring	12	0	0	✓	12	0	✓	4	0.75	0.85	0.81	(2)	0	(1)	2	✓
Condingup	12	0	0	✓	8	0	✓	2	0.25	0.30	0.28	✓	0	(1)	2	✓
Cranbrook	12	0	0	✓	8	0	✓	2	0.65	0.80	0.73	✓	2	✓	2	✓
Cuballing	12	0	0	✓	12	0	✓	4	0.75	0.90	0.83	(2)	0	(1)	2	✓
Denmark	65	0	0	✓	44	0	✓	5	<0.1	0.20	<0.1	✓	0	(1)	2	✓
Dudinin	12	0	0	✓	12	0	✓	4	0.75	0.90	0.83	(2)	0	(1)	2	✓
Dumbleyung	12	0	0	✓	12	0	✓	4	0.75	0.90	0.81	(2)	0	(1)	2	✓
Esperance	91	0	0	✓	91	0	✓	52	0.70	0.85	0.80	(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	✓	0	(1)	2	✓
Gnowangerup	52	0	0	✓	52	0	✓	4	0.75	0.85	0.80	(2)	2	✓	2	✓
Grass Patch	12	0	0	✓	8	0	✓	4	0.75	0.80	0.79	(2)	2	✓	2	✓
Harrismith	12	0	0	✓	12	0	✓	4	0.75	0.85	0.80	(2)	0	(1)	2	✓
Highbury	12	0	0	✓	12	0	✓	4	0.80	0.85	0.83	(2)	0	(1)	2	✓
Hopetoun	52	0	0	✓	35	0	✓	2	<0.1	0.15	<0.1	✓	1	✓	2	✓
Hyden	12	0	0	✓	12	0	✓	4	0.75	0.90	0.83	(2)	0	(1)	2	✓
Jerramungup	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Karlgarin	12	0	0	✓	12	0	✓	4	0.80	0.90	0.83	(2)	0	(1)	2	✓
Katanning	65	0	0	✓	65	0	✓	52	0.75	0.95	0.84	(2)	0	(1)	2	✓
Kendenup	12	0	0	✓	7	0	✓	4	0.75	0.90	0.81	(2)	0	(1)	2	✓
Kojonup	52	0	0	✓	52	0	✓	5	0.75	0.85	0.82	(2)	0	(1)	2	✓
Kondinin	12	0	0	✓	12	0	✓	4	0.75	0.85	0.80	(2)	0	(1)	2	✓
Kukerin	12	0	0	✓	12	0	✓	4	0.75	0.95	0.84	(2)	0	(1)	2	✓
Kulin	12	0	0	✓	12	0	✓	4	0.75	0.85	0.81	(2)	0	(1)	2	✓
Lake Grace	52	0	0	✓	52	0	✓	4	0.75	0.90	0.83	(2)	2	✓	2	✓
Lake King	12	0	0	✓	12	0	✓	4	0.75	0.90	0.83	(2)	0	(1)	2	✓
Mt Barker	52	0	0	✓	35	0	✓	52	0.40	0.90	0.81	(2)	0	(1)	2	✓
Munglinup	12	0	0	✓	8	0	✓	4	0.75	0.80	0.79	(2)	2	✓	2	✓
Muradup	12	0	0	✓	12	0	✓	4	0.80	0.85	0.84	(2)	0	(1)	2	✓
Narrikup	12	0	0	✓	8	0	✓	4	0.80	0.90	0.84	(2)	0	(1)	2	✓
Narrogin	65	0	0	✓	65	0	✓	52	0.60	0.90	0.81	(2)	0	(1)	2	✓
Newdegate	12	0	0	✓	12	0	✓	4	0.75	0.80	0.78	(2)	2	✓	2	✓
Nyabing	12	0	0	✓	12	0	✓	4	0.80	0.90	0.84	(2)	2	✓	2	✓
Ongerup	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Pingaring	12	0	0	✓	12	0	✓	4	0.75	0.85	0.81	(2)	0	(1)	2	✓
Pingelly	52	0	0	✓	52	0	✓	4	0.80	0.90	0.85	(2)	0	(1)	2	✓
Pingrup	12	0	0	✓	12	0	✓	4	0.70	0.90	0.81	(2)	2	✓	2	✓
Popanyinning	12	0	0	✓	12	0	✓	4	0.80	0.85	0.83	(2)	0	(1)	2	✓
Porongurup	12	0	0	✓	8	0	✓	4	0.75	0.85	0.80	(2)	2	✓	2	✓
Ravensthorpe	12	0	0	✓	8	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Rocky Gully	12	0	0	✓	8	0	✓	4	0.75	0.90	0.83	(2)	0	(1)	2	✓
Salmon Gums	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(3)	0	(1)	2	✓
Tambellup	12	0	0	✓	12	0	✓	4	0.75	0.90	0.81	(2)	2	✓	2	✓
Tincurrin	12	0	0	✓	12	0	✓	4	0.80	0.90	0.84	(2)	0	(1)	2	✓
Varley	12	0	0	✓	12	0	✓	4	0.75	0.85	0.78	(2)	2	✓	2	✓
Wagin	52	0	0	✓	52	0	✓	5	0.70	0.90	0.80	(2)	0	(1)	2	✓
Walpole	52	0	0	✓	35	0	✓	2	<0.1	0.55	0.28	✓	0	(1)	2	✓
Wandering	12	0	0	✓	12	0	✓	4	0.75	0.90	0.83	(2)	2	✓	2	✓
Wellstead	12	0	0	✓	8	0	✓	4	0.75	0.85	0.81	(2)	0	(1)	2	✓
Wickepin	12	0	0	✓	12	0	✓	4	0.80	0.90	0.83	(2)	0	(1)	2	✓
Williams	12	0	0	✓	12	0	✓	4	0.80	0.90	0.85	(2)	0	(1)	2	✓
Woodanilling	12	0	0	✓	12	0	✓	4	0.75	0.85	0.83	(2)	2	✓	2	✓
Yealering	12	0	0	✓	12	0	✓	4	0.80	0.90	0.84	(2)	0	(1)	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. (3) Local source is not fluoridated, however receives water from a fluoridated source during drought conditions.

Drinking Water Quality Annual Report Data 01/07/2023 to 30/06/2024

Table 22		Health related variables														
Great Southern Region	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	Requirement Met
		Min	Max	Mean							Min	Max	Mean			
Albany	16	0.88	1.32	0.88	✓	4	✓	8	✓	17	0.067	0.130	0.099	✓	2	✓
Boddington	2	<0.2	0.44	<0.2	✓	1	✓	0	(1)	5	0.037	0.087	0.064	✓	0	(1)
Borden	2	<0.2	0.44	<0.2	✓	1	✓	2	✓	2	0.025	0.043	0.034	✓	1	✓
Bremer Bay	4	25.52	30.8	28.16	✓	1	✓	2	✓	2	0.046	0.050	0.048	✓	0	(1)
Brookton	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	5	0.032	0.060	0.046	✓	0	(1)
Broomehill	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.045	0.080	0.060	✓	0	(1)
Bullaring	4	<0.2	0.44	0.44	✓	1	✓	0	(1)	4	0.059	0.096	0.074	✓	0	(1)
Condingup	4	1.76	2.64	2.20	✓	1	✓	2	✓	2	0.008	0.009	0.009	✓	1	✓
Cranbrook	2	0.88	1.32	0.88	✓	1	✓	0	(1)	4	0.053	0.110	0.081	✓	1	✓
Cuballing	2	<0.2	0.44	<0.2	✓	1	✓	0	(1)	4	0.042	0.087	0.058	✓	0	(1)
Denmark	5	<0.2	0.88	0.44	✓	1	✓	1	✓	5	0.023	0.094	0.057	✓	0	(1)
Dudinin	4	<0.2	<0.2	<0.2	✓	1	✓	2	✓	4	0.086	0.160	0.117	✓	0	(1)
Dumbleyung	2	<0.2	0.44	<0.2	✓	1	✓	0	(1)	4	0.043	0.110	0.081	✓	0	(1)
Esperance	9	8.80	13.64	11.00	✓	2	✓	0	(1)	4	0.011	0.023	0.017	✓	0	(1)
Frankland	4	<0.2	0.44	<0.2	✓	1	✓	0	(1)	4	0.043	0.062	0.052	✓	0	(1)
Gibson	4	10.12	13.64	11.44	✓	1	✓	2	✓	2	0.036	0.062	0.049	✓	1	✓
Gnowangerup	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.047	0.065	0.055	✓	0	(1)
Grass Patch	4	9.24	12.76	11.00	✓	1	✓	2	✓	2	0.053	0.068	0.061	✓	0	(1)
Harrismith	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.094	0.180	0.141	✓	0	(1)
Highbury	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.025	0.059	0.042	✓	0	(1)
Hopetoun	4	1.32	3.08	2.64	✓	1	✓	0	(1)	2	0.006	0.006	0.006	✓	0	(1)
Hyden	4	<0.2	<0.2	<0.2	✓	1	✓	1	✓	4	0.110	0.130	0.120	✓	0	(1)
Jerramungup	4	<0.2	0.88	0.44	✓	1	✓	0	(1)	2	0.026	0.049	0.038	✓	0	(1)
Karlgarin	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.088	0.110	0.100	✓	0	(1)
Katanning	5	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	5	0.019	0.041	0.030	✓	0	(1)
Kendenup	4	0.88	1.32	0.88	✓	1	✓	0	(1)	4	0.083	0.150	0.105	✓	0	(1)
Kojonup	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	5	0.050	0.087	0.069	✓	0	(1)
Kondinin	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.081	0.140	0.120	✓	0	(1)
Kukerin	4	<0.2	0.44	<0.2	✓	1	✓	0	(1)	4	0.078	0.120	0.099	✓	0	(1)
Kulin	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.084	0.140	0.114	✓	0	(1)
Lake Grace	4	<0.2	<0.2	<0.2	✓	1	✓	2	✓	4	0.086	0.100	0.095	✓	2	✓
Lake King	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.051	0.083	0.066	✓	0	(1)
Mt Barker	5	0.88	1.32	1.32	✓	1	✓	0	(1)	5	0.091	0.130	0.107	✓	0	(1)
Munglinup	4	11.00	14.08	12.32	✓	1	✓	2	✓	4	0.035	0.077	0.060	✓	2	✓
Muradup	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.043	0.077	0.058	✓	0	(1)
Narrikup	4	0.88	1.32	0.88	✓	1	✓	0	(1)	4	0.082	0.130	0.101	✓	0	(1)
Narrogin	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.036	0.044	0.040	✓	0	(1)
Newdegate	2	<0.2	<0.2	<0.2	✓	1	✓	2	✓	4	0.064	0.086	0.077	✓	2	✓
Nyabing	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.053	0.075	0.064	✓	2	✓
Ongerup	2	<0.2	0.44	<0.2	✓	1	✓	2	✓	2	0.021	0.031	0.026	✓	2	✓
Pingaring	4	<0.2	0.44	<0.2	✓	1	✓	0	(1)	4	0.058	0.130	0.082	✓	0	(1)
Pingelly	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.049	0.070	0.057	✓	0	(1)
Pingrup	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.031	0.061	0.047	✓	2	✓
Popanyinning	4	<0.2	<0.2	<0.2	✓	1	✓	1	✓	4	0.068	0.100	0.081	✓	0	(1)
Porongurup	4	0.88	1.32	1.32	✓	1	✓	0	(1)	4	0.074	0.083	0.080	✓	0	(1)
Ravensthorpe	4	<0.2	2.64	0.88	✓	4	✓	0	(1)	4	0.012	0.064	0.045	✓	2	✓
Rocky Gully	4	0.88	1.32	1.32	✓	1	✓	0	(1)	2	0.079	0.085	0.082	✓	0	(1)
Salmon Gums	4	8.80	13.64	11.44	✓	1	✓	0	(1)	2	0.064	0.064	0.064	✓	0	(1)
Tambellup	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.043	0.066	0.051	✓	2	✓
Tincurrin	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.100	0.140	0.128	✓	0	(1)
Varley	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.024	0.049	0.036	✓	2	✓
Wagin	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	5	0.031	0.066	0.048	✓	0	(1)
Walpole	4	<0.2	2.64	0.88	✓	1	✓	0	(1)	4	0.063	0.150	0.113	✓	0	(1)
Wandering	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.057	0.089	0.078	✓	0	(1)
Wellstead	4	0.88	1.32	0.88	✓	1	✓	0	(1)	4	0.066	0.110	0.086	✓	0	(1)
Wickepin	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.037	0.063	0.052	✓	0	(1)
Williams	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.047	0.085	0.063	✓	0	(1)
Woodanilling	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.066	0.110	0.079	✓	1	✓
Yealering	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.084	0.110	0.094	✓	0	(1)

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