

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

Table 16 Health related variables

South West Region	<i>E. coli</i>				Thermophilic <i>Naegleria</i>			Fluoride					Hydrocarbons		Metals	
	Samples Taken	Samples >0 cfu/100mL	Max cfu/100mL	Requirement Met	Samples Taken	Samples with Thermophilic <i>Naegleria</i>	Requirement Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Guideline Met	Samples Taken	Guideline Met
									Min	Max	Mean					
Allanson	13	0	0	✓	8	0	✓	4	0.75	1.00	0.88	(2)	0	(1)	2	✓
Augusta	65	0	0	✓	44	0	✓	2	0.20	0.20	0.20	✓	0	(1)	2	✓
Australind	117	0	0	✓	117	0	✓	41	0.20	0.85	0.74	(2)	0	(1)	3	✓
Balingup	13	0	0	✓	7	0	✓	2	0.10	0.10	0.10	✓	0	(1)	2	✓
Binningup	52	0	0	✓	24	0	✓	4	0.80	0.85	0.81	(2)	0	(1)	2	✓
Boyanup	52	0	0	✓	12	0	✓	1	0.15	0.15	0.15	✓	2	✓	2	✓
Boyup Brook	52	0	0	✓	19	0	✓	2	0.10	0.10	0.10	✓	2	✓	2	✓
Bridgetown	65	0	0	✓	33	0	✓	2	0.10	0.15	0.13	✓	0	(1)	2	✓
Brunswick Junction	52	0	0	✓	19	0	✓	2	0.75	0.75	0.75	✓	0	(1)	2	✓
Capel	52	0	0	✓	39	0	✓	2	0.20	0.20	0.20	✓	0	(1)	2	✓
Collie	78	0	0	✓	42	0	✓	52	0.65	1.00	0.85	(2)	0	(1)	4	✓
Cowaramup	52	0	0	✓	9	0	✓	2	0.25	0.25	0.25	✓	0	(1)	2	✓
Dalyellup	65	0	0	✓	39	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Dardanup	26	0	0	✓	26	0	✓	2	<0.1	<0.1	<0.1	✓	1	✓	2	✓
Darkan	13	0	0	✓	7	0	✓	4	0.70	0.90	0.83	(2)	0	(1)	2	✓
Donnybrook	52	0	0	✓	34	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	5	✓
Dunsborough	91	0	0	✓	91	0	✓	56	0.75	0.95	0.86	(3)	2	✓	2	✓
Eaton	78	0	0	✓	78	0	✓	39	0.20	0.90	0.73	✓	0	(1)	2	✓
Greenbushes	26	0	0	✓	13	0	✓	2	0.15	0.15	0.15	✓	0	(1)	2	✓
Harvey	52	0	0	✓	52	0	✓	52	0.50	0.95	0.82	(2)	0	(1)	2	✓
Hester TWS	13	0	0	✓	7	0	✓	2	0.10	0.15	0.13	✓	0	(1)	2	✓
Kirup	13	0	0	✓	7	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Logue Brook	12	0	0	✓	7	0	✓	2	0.50	0.65	0.58	(2)	0	(1)	2	✓
Manjimup	65	0	0	✓	33	0	✓	53	0.70	0.85	0.80	(2)	0	(1)	2	✓
Margaret River	78	0	0	✓	47	0	✓	2	0.20	0.25	0.23	✓	0	(1)	2	✓
Mullalyup	13	0	0	✓	6	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Myalup	13	0	0	✓	13	0	✓	2	0.50	0.85	0.68	(2)	0	(1)	2	✓
Nannup	52	0	0	✓	15	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Northcliffe	13	0	0	✓	7	0	✓	2	0.50	0.65	0.58	✓	0	(1)	2	✓
Pemberton	52	0	0	✓	12	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Peppermint Grove	52	0	0	✓	10	0	✓	2	0.25	0.25	0.25	✓	2	✓	2	✓
Preston Beach	52	0	0	✓	19	0	✓	2	0.10	0.10	0.10	✓	0	(1)	2	✓
Quinninup	12	0	0	✓	6	0	✓	2	0.70	0.70	0.70	✓	0	(1)	2	✓
Waroona	52	1	2	✓	52	0	✓	52	0.50	0.90	0.82	(2)	0	(1)	2	✓
Yarloop	13	0	0	✓	8	0	✓	2	0.75	0.80	0.78	(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) Naturally occurring fluoride above the ADWG guideline - undergoes defluoridation

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Table 17 Health related variables

South West 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			
Allanson	2	<0.2	<0.2	<0.2	✓	1	✓	0	✓	2	0.032	0.034	0.033	✓	0	-1
Augusta	2	<0.2	<0.2	<0.2	✓	1	✓	2	✓	2	0.015	0.017	0.016	✓	0	-1
Australind	7	<0.2	<0.2	<0.2	✓	2	✓	4	✓	3	0.008	0.050	0.034	✓	0	-1
Balingup	2	0.4	0.9	0.9	✓	1	✓	0	-1	2	0.062	0.090	0.076	✓	0	-1
Binningup	2	<0.2	<0.2	<0.2	✓	1	✓	2	✓	3	0.001	0.003	0.002	✓	0	-1
Boyanup	2	<0.2	<0.2	<0.2	✓	2	✓	0	-1	2	<0.001	<0.001	<0.001	✓	2	✓
Boyup Brook	2	0.4	0.9	0.4	✓	2	✓	2	✓	2	0.060	0.100	0.080	✓	2	✓
Bridgetown	4	0.4	0.9	0.4	✓	1	✓	0	-1	2	0.044	0.061	0.053	✓	0	-1
Brunswick Junction	2	<0.2	0.4	<0.2	✓	1	✓	2	✓	2	0.016	0.021	0.019	✓	0	-1
Capel	4	<0.2	<0.2	<0.2	✓	1	✓	0	-1	2	<0.001	<0.001	<0.001	✓	0	-1
Collie	8	<0.2	<0.2	<0.2	✓	2	✓	0	-1	4	0.017	0.050	0.028	✓	0	-1
Cowaramup	4	<0.2	<0.2	<0.2	✓	1	✓	0	-1	4	0.100	0.190	0.135	✓	0	-1
Dalyellup	2	<0.2	<0.2	<0.2	✓	1	✓	2	✓	2	0.043	0.079	0.061	✓	0	-1
Dardanup	2	0.4	0.4	0.4	✓	2	✓	0	-1	2	0.001	0.004	0.003	✓	2	✓
Darkan	2	<0.2	0.4	<0.2	✓	2	✓	2	✓	5	0.098	0.150	0.132	✓	0	-1
Donnybrook	3	11.0	12.3	11.9	✓	1	✓	1	✓	2	0.007	0.013	0.010	✓	1	✓
Dunsborough	2	<0.2	0.4	<0.2	✓	2	✓	1	✓	2	0.020	0.028	0.024	✓	0	-1
Eaton	2	<0.2	<0.2	<0.2	✓	1	✓	0	-1	2	0.008	0.014	0.011	✓	0	-1
Greenbushes	2	0.9	0.9	0.9	✓	1	✓	2	✓	2	0.047	0.058	0.053	✓	2	✓
Harvey	2	<0.2	<0.2	<0.2	✓	1	✓	0	-1	2	0.003	0.005	0.004	✓	0	-1
Hester TWS	4	<0.2	0.9	0.4	✓	1	✓	2	✓	2	0.089	0.110	0.100	✓	0	-1
Kirup	4	2.2	11.4	9.2	✓	1	✓	0	-1	2	0.006	0.012	0.009	✓	0	-1
Logue Brook	2	1.8	4.4	3.1	✓	1	✓	2	✓	2	<0.001	0.006	0.003	✓	1	✓
Manjimup	2	<0.2	<0.2	<0.2	✓	2	✓	0	-1	2	0.080	0.089	0.085	✓	0	-1
Margaret River	4	<0.2	0.4	<0.2	✓	1	✓	1	✓	2	0.100	0.180	0.140	✓	0	-1
Mullalyup	4	4.0	12.3	10.1	✓	1	✓	0	-1	2	0.008	0.012	0.010	✓	0	-1
Myalup	2	<0.2	<0.2	<0.2	✓	1	✓	0	-1	2	0.004	0.013	0.009	✓	0	-1
Nannup	2	0.4	0.4	0.4	✓	1	✓	0	-1	2	0.033	0.066	0.050	✓	0	-1
Northcliffe	2	0.4	1.3	0.9	✓	1	✓	0	-1	2	0.075	0.083	0.079	✓	0	-1
Pemberton	2	1.3	1.3	1.3	✓	4	✓	0	-1	2	0.120	0.120	0.120	✓	2	✓
Peppermint Grove	2	<0.2	<0.2	<0.2	✓	2	✓	2	✓	2	<0.001	<0.001	<0.001	✓	2	✓
Preston Beach	4	3.1	4.4	4.0	✓	1	✓	2	✓	4	0.120	0.150	0.138	✓	2	✓
Quinninup	2	<0.2	0.4	<0.2	✓	1	✓	0	-1	2	0.086	0.130	0.108	✓	0	-1
Waroona	2	<0.2	<0.2	<0.2	✓	1	✓	0	-1	2	0.014	0.033	0.024	✓	0	-1
Yarloop	2	<0.2	<0.2	<0.2	✓	1	✓	0	-1	2	<0.001	0.005	0.003	✓	0	-1

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