

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

Table 11

Health related variables

Goldfields and Agricultural Region	E. coli				Thermophilic Naegleria			Fluoride				Hydrocarbons		Metals		
	Samples Taken	Samples >0 cfu/100mL	Max cfu/100mL	Requirement Met			Requirement Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Guideline Met	Samples Taken	Guideline Met
									Min	Max	Mean					
Ardath	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Avon Hills	61	0	0	✓	61	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
Ballidu	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Beacon	12	0	0	✓	12	0	✓	2	0.75	0.85	0.80	(2)	0	(1)	2	✓
Bencubbin	12	0	0	✓	12	0	✓	2	0.75	0.75	0.75	(2)	1	✓	2	✓
Beverley	52	0	0	✓	26	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Bind Bindi	12	0	0	✓	12	0	✓	2	0.75	0.75	0.75	(2)	1	✓	2	✓
Broad Arrow	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Bruce Rock	51	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Bullfinch	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Buntine	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Cadoux	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Coolgardie	53	0	0	✓	27	0	✓	2	0.75	0.85	0.80	(2)	0	(1)	2	✓
Corrigin	51	0	0	✓	26	0	✓	2	0.80	0.80	0.80	(2)	1	✓	1	(4)
Cunderdin	52	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Dalwallinu	52	0	0	✓	12	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
Dowerin	12	0	0	✓	12	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
Goomalling	52	0	0	✓	12	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
Greater Bodallin	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Greater Burracoppin	36	0	0	✓	36	0	✓	2	0.85	0.85	0.85	(2)	0	(1)	2	✓
Greater Doolakine	36	0	0	✓	36	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Greater Meckering	39	0	0	✓	38	0	✓	2	0.75	0.80	0.78	(2)	1	✓	3	✓
Greenhills	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	2	✓	2	✓
Jennacubbine	12	0	0	✓	12	0	✓	2	0.85	0.85	0.85	(2)	1	✓	2	✓
Kalannie	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Kalgoorlie	156	0	0	✓	130	0	✓	54	0.75	0.90	0.83	(2)	0	(1)	2	✓
Kambalda	52	0	0	✓	52	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Kellerberrin	51	0	0	✓	25	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Koolyanobbing	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Koorda	12	0	0	✓	12	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
Kununoppin	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Laverton	11	0	0	✓	11	0	✓	4	0.90	1.00	0.96	(3)	0	(1)	6	✓
Leonora	52	0	0	✓	26	0	✓	2	0.40	0.55	0.48	(3)	0	(1)	2	✓
Marvel Loch	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Menzies	12	0	0	✓	12	0	✓	2	0.80	0.90	0.85	(2)	0	(1)	5	✓
Merredin	51	0	0	✓	51	0	✓	51	0.70	0.95	0.83	(2)	0	(1)	2	✓
Miling	12	0	0	✓	12	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
Mukinbudin	12	0	0	✓	12	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
Muntadgin	12	0	0	✓	12	0	✓	2	0.75	0.85	0.80	(2)	1	✓	2	✓
Narembeen	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Norseman	52	0	0	✓	26	0	✓	2	0.80	0.95	0.88	(2)	1	✓	2	✓
Northam	78	0	0	✓	65	0	✓	52	0.75	0.90	0.83	(2)	2	✓	2	✓
Nungarin	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Ora Banda	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Pithara	12	0	0	✓	12	0	✓	2	0.75	0.75	0.75	(2)	1	✓	2	✓
Quairading	52	0	0	✓	26	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
Seabrook	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	2	✓	2	✓
Shackleton	12	0	0	✓	12	0	✓	2	0.85	0.85	0.85	(2)	0	(1)	2	✓
Southern Cross	52	0	0	✓	39	0	✓	2	0.85	0.95	0.90	(2)	1	✓	2	✓
Spencers Brook	12	0	0	✓	12	0	✓	2	0.80	0.90	0.85	(2)	1	✓	2	✓
Tammin	24	0	0	✓	24	0	✓	2	0.75	0.80	0.78	(2)	1	✓	1	(4)
Toodyay	52	0	0	✓	26	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Trayning	12	0	0	✓	12	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Warralakin	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Westonia	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Wiluna	13	0	0	✓	13	0	✓	2	0.20	0.20	0.20	✓	0	(1)	2	✓
Wongan Hills	52	0	0	✓	38	0	✓	2	0.80	0.85	0.83	(2)	1	✓	2	✓
Wubin	12	0	0	✓	12	0	✓	2	0.80	0.80	0.80	(2)	1	✓	2	✓
Wyalkatchem	12	0	0	✓	12	0	✓	2	0.75	0.80	0.78	(2)	1	✓	2	✓
York	78	0	0	✓	78	0	✓	52	0.70	0.95	0.82	(2)	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 below the ADWG guideline. (4) Second sample take in operational program.

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

Table 12

Health related variables

Goldfields and Agricultural 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			
Ardath	2	<0.2	0.9	0.4	✓	1	✓	0	(1)	2	0.009	0.012	0.011	✓	0	(1)
Avon Hills	2	0.4	0.4	0.4	✓	1	✓	0	(1)	2	0.015	0.023	0.019	✓	0	(1)
Ballidu	2	0.4	0.9	0.9	✓	1	✓	2	✓	2	0.015	0.02	0.018	✓	0	(1)
Beacon	2	1.3	3.5	2.2	✓	1	✓	0	(1)	2	0.008	0.013	0.011	✓	0	(1)
Bencubbin	2	3.1	4.8	4.0	✓	1	✓	0	(1)	2	0.004	0.012	0.008	✓	0	(1)
Beverley	2	0.9	1.8	1.3	✓	1	✓	2	✓	2	0.01	0.014	0.012	✓	0	(1)
Bind Bindi	2	1.3	2.6	1.8	✓	1	✓	0	(1)	2	0.008	0.014	0.011	✓	0	(1)
Broad Arrow	2	2.6	2.6	2.6	✓	1	✓	0	(1)	2	0.1	0.14	0.12	✓	0	(1)
Bruce Rock	2	0.9	0.9	0.9	✓	1	✓	0	(1)	2	0.007	0.012	0.01	✓	0	(1)
Bullfinch	2	4.4	4.8	4.4	✓	1	✓	2	✓	2	0.039	0.11	0.075	✓	0	(1)
Buntine	2	0.9	2.6	1.8	✓	1	✓	0	(1)	2	0.004	0.012	0.008	✓	0	(1)
Cadoux	2	0.4	0.9	0.4	✓	1	✓	0	(1)	2	0.011	0.016	0.014	✓	0	(1)
Coolgardie	2	0.9	4.0	2.2	✓	1	✓	0	(1)	2	0.023	0.036	0.03	✓	0	(1)
Corrigin	2	0.9	1.3	0.9	✓	1	✓	0	(1)	2	0.001	0.015	0.008	✓	0	(1)
Cunderdin	2	0.4	0.4	0.4	✓	1	✓	0	(1)	2	0.014	0.016	0.015	✓	0	(1)
Dalwallinu	2	0.9	1.3	0.9	✓	0	(2)	0	(1)	2	0.011	0.017	0.014	✓	0	(1)
Dowerin	2	0.9	1.8	1.3	✓	1	✓	0	(1)	2	0.012	0.012	0.012	✓	0	(1)
Goomalling	2	0.9	1.3	0.9	✓	1	✓	0	(1)	2	0.018	0.019	0.019	✓	0	(1)
Greater Bodallin	2	0.9	0.9	0.9	✓	1	✓	0	(1)	2	0.01	0.011	0.011	✓	0	(1)
Greater Burracoppin	2	0.4	0.9	0.9	✓	1	✓	0	(1)	2	0.009	0.009	0.009	✓	0	(1)
Greater Doolakine	2	0.4	0.4	0.4	✓	1	✓	0	(1)	2	0.016	0.018	0.017	✓	0	(1)
Greater Meckering	2	0.4	0.9	0.4	✓	1	✓	0	(1)	2	0.015	0.016	0.016	✓	0	(1)
Greenhills	2	0.9	4.4	2.6	✓	2	✓	0	(1)	2	0.01	0.016	0.013	✓	0	(1)
Jennacubbine	2	1.3	4.4	2.6	✓	1	✓	2	✓	2	0.013	0.016	0.015	✓	0	(1)
Kalannie	2	3.5	4.0	4.0	✓	1	✓	0	(1)	2	0.015	0.027	0.021	✓	0	(1)
Kalgoorlie	2	0.9	3.5	2.2	✓	1	✓	0	(1)	2	0.079	0.12	0.1	✓	0	(1)
Kambalda	2	1.3	3.1	2.2	✓	1	✓	2	✓	3	0.1	0.14	0.123	✓	1	✓
Kellerberrin	2	0.9	0.9	0.9	✓	1	✓	2	✓	2	0.018	0.029	0.024	✓	0	(1)
Koolyanobbing	2	0.9	1.3	1.3	✓	1	✓	1	✓	2	0.012	0.015	0.014	✓	0	(1)
Koorda	2	0.9	0.9	0.9	✓	1	✓	0	(1)	2	0.01	0.015	0.013	✓	0	(1)
Kununoppin	2	2.2	2.2	2.2	✓	1	✓	0	(1)	2	0.014	0.019	0.017	✓	0	(1)
Laverton*	10	34.3	43.1	39.2	✓	1	✓	2	✓	2	0.058	0.072	0.065	✓	0	(1)
Leonora*	10	26.8	35.2	30.4	✓	1	✓	2	✓	2	0.002	0.003	0.003	✓	0	(1)
Marvel Loch	2	0.9	2.6	1.8	✓	1	✓	0	(1)	2	0.012	0.027	0.02	✓	0	(1)
Menzies*	3	2.2	3.1	2.6	✓	1	✓	0	(1)	2	0.071	0.13	0.101	✓	0	(1)
Merredin	2	0.9	0.9	0.9	✓	1	✓	2	✓	2	0.005	0.007	0.006	✓	0	(1)
Miling	2	1.3	2.2	1.8	✓	1	✓	2	✓	2	0.015	0.016	0.016	✓	0	(1)
Mukinbudin	2	2.6	3.1	3.1	✓	1	✓	0	(1)	2	0.009	0.018	0.014	✓	0	(1)
Muntadgin	2	0.9	2.2	1.8	✓	1	✓	1	✓	2	0.013	0.037	0.025	✓	0	(1)
Narembeen	2	0.9	1.3	1.3	✓	1	✓	0	(1)	2	<0.001	0.011	0.006	✓	0	(1)
Norseman	2	2.2	4.0	3.1	✓	1	✓	0	(1)	2	0.033	0.053	0.043	✓	1	✓
Northam	2	1.3	2.2	1.8	✓	2	✓	0	(1)	2	0.016	0.023	0.02	✓	1	✓
Nungarin	2	0.9	0.9	0.9	✓	1	✓	0	(1)	2	0.013	0.015	0.014	✓	0	(1)
Ora Banda	2	1.3	3.5	2.6	✓	1	✓	0	(1)	2	0.073	0.11	0.092	✓	0	(1)
Pithara	2	0.9	0.9	0.9	✓	1	✓	0	(1)	2	0.016	0.019	0.018	✓	0	(1)
Quairading	2	1.3	2.6	2.2	✓	1	✓	2	✓	2	0.016	0.041	0.029	✓	0	(1)
Seabrook	2	0.4	0.4	0.4	✓	2	✓	1	✓	2	0.015	0.019	0.017	✓	0	(1)
Shackleton	2	0.9	3.1	1.8	✓	1	✓	0	(1)	2	0.021	0.023	0.022	✓	0	(1)
Southern Cross	2	0.9	0.9	0.9	✓	1	✓	0	(1)	2	0.012	0.013	0.013	✓	0	(1)
Spencers Brook	2	0.4	0.4	0.4	✓	1	✓	2	✓	2	0.016	0.018	0.017	✓	0	(1)
Tammin	2	0.4	0.9	0.4	✓	1	✓	0	(1)	2	0.005	0.009	0.007	✓	0	(1)
Toodyay	2	0.4	0.4	0.4	✓	1	✓	0	(1)	2	0.009	0.011	0.01	✓	0	(1)
Trayning	2	1.8	2.2	2.2	✓	1	✓	0	(1)	2	0.011	0.032	0.022	✓	0	(1)
Warralakin	2	0.9	1.3	0.9	✓	1	✓	0	(1)	2	0.009	0.012	0.011	✓	0	(1)
Westonia	2	1.3	1.3	1.3	✓	1	✓	0	(1)	2	0.01	0.011	0.011	✓	0	(1)
Wiluna*	2	32.6	34.3	33.4	✓	1	✓	2	✓	2	0.005	0.006	0.006	✓	0	(1)
Wongan Hills	2	0.9	1.8	1.3	✓	1	✓	0	(1)	2	0.012	0.11	0.061	✓	0	(1)
Wubin	2	0.9	1.8	1.3	✓	1	✓	0	(1)	2	0.006	0.009	0.008	✓	0	(1)
Wyalkatchem	2	0.9	0.9	0.9	✓	1	✓	0	(1)	2	0.012	0.016	0.014	✓	0	(1)
York	2	0.4	0.4	0.4	✓	1	✓	0	(1)	2	0.016	0.017	0.017	✓	0	(1)

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

*Wiluna, Laverton, Leonora and Menzies have been granted an exemption from compliance with the infant health nitrate guideline by the Department of Health, however, following treatment or operational intervention these towns have achieved compliance with the infant health limit. Carers of infants younger than 3 months should seek advice from the Community Health Nurse regarding the use of alternative water sources for the preparation of bottle feeds. The Water Corporation provides bottled water free of charge for this purpose. Note: The water supplied has always met the guideline for adults and children over the age of 3 months - for a full list of towns with nitrate exemptions and how we are improving water quality in these towns - please refer to 'Understanding water quality test results - Nitrate' section of the annual report. (2) Sample take in operational program.