

Drinking Water Quality Annual Report Data 01/07/2010 to 30/06/2011

Table 9 Health related variables

Goldfields and Agricultural Locality	E. coli				Thermophilic Naegleria			Fluoride			Hydrocarbons		Metals		
	Samples Taken	Samples with >0 cfu/100mL	Max cfu/100mL	Requirement Met	Samples Taken	Samples with Thermophilic Naegleria	Requirement Met	Concentration (mg/L)			Samples Taken	Guideline Met	Samples Taken	Guideline Met	
								Min	Max	Mean					
Bakers Hill	52	0	0	✓	12	0	✓	2	0.90	0.90	0.90	0	(1)	2	✓
Ballidu	12	0	0	✓	12	0	✓	2	0.90	0.90	0.90	0	(1)	2	✓
Beacon	12	0	0	✓	12	0	✓	2	0.90	0.90	0.90	0	(1)	2	✓
Bencubbin	12	0	0	✓	12	0	✓	2	0.95	1.00	0.98	1	✓	1	✓
Beverley	52	0	0	✓	26	0	✓	2	0.90	0.95	0.93	1	✓	2	✓
Bind Bindi	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Broad Arrow	12	0	0	✓	12	0	✓	2	0.80	0.90	0.85	0	(1)	2	✓
Bruce Rock	45	0	0	✓	12	0	✓	2	0.80	0.95	0.88	1	✓	3	✓
Bullfinch	12	0	0	✓	12	0	✓	2	0.85	0.95	0.90	1	✓	2	✓
Buntine	12	0	0	✓	12	0	✓	2	0.85	0.95	0.90	1	✓	2	✓
Cadoux	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Condingup	12	0	0	✓	8	0	✓	2	0.25	0.30	0.28	0	(1)	2	✓
Coolgardie	52	0	0	✓	26	0	✓	3	0.80	0.95	0.85	0	(1)	1	✓
Corrigin	52	0	0	✓	26	0	✓	2	0.85	0.95	0.90	1	✓	2	✓
Cunderdin	52	0	0	✓	13	0	✓	2	0.90	0.90	0.90	1	✓	2	✓
Dalwallinu	52	0	0	✓	13	0	✓	2	0.75	0.85	0.80	1	✓	2	✓
Dowerin	12	0	0	✓	12	0	✓	2	0.90	1.00	0.95	1	✓	2	✓
Esperance	91	0	0	✓	61	0	✓	52	0.65	0.90	0.77	0	(1)	2	✓
Gibson	12	0	0	✓	8	0	✓	2	0.30	0.45	0.38	2	✓	2	✓
Goomalling	12	0	0	✓	12	0	✓	2	0.90	1.00	0.95	1	✓	2	✓
Grass Patch	12	0	0	✓	8	0	✓	2	0.35	0.85	0.60	0	(1)	2	✓
Grass Valley	12	0	0	✓	12	0	✓	2	0.90	0.90	0.90	1	✓	2	✓
Kalannie	12	0	0	✓	12	0	✓	2	0.90	0.90	0.90	1	✓	2	✓
Kalgoorlie	147	0	0	✓	146	0	✓	52	0.75	1.00	0.89	0	(1)	4	✓
Kambalda	52	0	0	✓	52	0	✓	2	0.85	0.95	0.90	0	(1)	2	✓
Kellerberrin	52	0	0	✓	26	0	✓	2	0.95	0.95	0.95	1	✓	2	✓
Koolyanobbing	12	0	0	✓	12	1	✓	2	0.90	0.95	0.93	1	✓	2	✓
Koorda	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Kununoppin	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Laverton	12	0	0	✓	8	0	✓	4	1.00	1.20	1.13	0	(1)	14	✓
Leonora	52	0	0	✓	17	0	✓	2	0.60	0.70	0.65	0	(1)	2	✓
Marvel Loch	12	0	0	✓	12	0	✓	2	0.90	0.95	0.93	1	✓	2	✓
Meckering	12	0	0	✓	12	0	✓	2	0.85	0.95	0.90	1	✓	2	✓
Menzies	12	0	0	✓	8	0	✓	2	0.75	0.80	0.78	0	(1)	5	✓
Merredin	52	0	0	✓	52	0	✓	52	0.75	1.00	0.89	1	✓	2	✓
Miling	12	0	0	✓	12	0	✓	2	0.85	0.85	0.85	1	✓	2	✓
Mukinbudin	12	0	0	✓	12	0	✓	2	0.90	1.00	0.95	1	✓	2	✓
Muntadgin	12	0	0	✓	12	0	✓	2	0.90	0.90	0.90	1	✓	2	✓
Narembeen	12	0	0	✓	12	0	✓	2	0.80	0.95	0.88	1	✓	2	✓
Norseman	50	0	0	✓	26	0	✓	2	0.85	0.95	0.90	1	✓	2	✓
Northam	65	0	0	✓	65	0	✓	52	0.70	1.00	0.87	2	✓	2	✓
Nungarin	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Ora Banda	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	0	(1)	2	✓
Pithara	12	0	0	✓	12	0	✓	2	0.85	0.95	0.90	1	✓	2	✓
Quairading	52	0	0	✓	26	0	✓	2	0.85	0.85	0.85	1	✓	2	✓
Salmon Gums	12	0	0	✓	8	0	✓	2	0.30	0.80	0.55	1	✓	2	✓
Southern Cross	52	0	0	✓	26	0	✓	2	0.90	0.90	0.90	1	✓	2	✓
Tammin	24	0	0	✓	24	0	✓	2	0.90	0.90	0.90	1	✓	2	✓
Toodyay	52	0	0	✓	26	0	✓	2	0.95	0.95	0.95	1	✓	2	✓
Trayning	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Warralakin	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Westonia	12	0	0	✓	12	0	✓	2	0.85	0.85	0.85	1	✓	2	✓
Wongan Hills	52	0	0	✓	26	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Wubin	12	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Wundowie	52	0	0	✓	12	0	✓	2	0.85	0.90	0.88	1	✓	2	✓
Wyalkatchem	12	0	0	✓	12	0	✓	2	0.90	0.95	0.93	1	✓	2	✓
York	52	0	0	✓	52	0	✓	54	0.75	1.00	0.88	1	✓	2	✓

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

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Table 10 Health related variables

Goldfields and Agricultural Locality	Nitrate				Pesticides		Radiological		Trihalomethanes				Other Health Related			
	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			
Bakers Hill	2	0.1	0.1	0.1	✓	1	✓	0	(1)	2	0.024	0.041	0.033	✓	0	(1)
Ballidu	2	0.6	0.7	0.7	✓	1	✓	0	(1)	2	0.068	0.094	0.081	✓	0	(1)
Beacon	2	1.1	1.2	1.2	✓	1	✓	0	(1)	2	0.014	0.034	0.024	✓	0	(1)
Bencubbin	2	0.1	0.2	0.1	✓	1	✓	0	(1)	2	0.110	0.180	0.145	✓	0	(1)
Beverley	2	0.1	0.3	0.2	✓	1	✓	0	(1)	2	0.016	0.024	0.020	✓	0	(1)
Bind Bindi	2	0.8	1	0.9	✓	1	✓	0	(1)	4	0.007	0.140	0.074	✓	0	(1)
Broad Arrow	2	0.2	1	0.6	✓	1	✓	0	(1)	2	0.073	0.082	0.078	✓	0	(1)
Bruce Rock	2	0.2	1.2	0.7	✓	1	✓	0	(1)	2	0.017	0.065	0.041	✓	0	(1)
Bullfinch	2	1	1.2	1.1	✓	1	✓	0	(1)	2	0.044	0.048	0.046	✓	0	(1)
Buntine	2	1.4	1.5	1.5	✓	1	✓	0	(1)	3	0.099	0.100	0.099	✓	0	(1)
Cadoux	2	0.1	0.4	0.2	✓	1	✓	0	(1)	2	0.036	0.049	0.043	✓	0	(1)
Condingup	4	0.1	0.2	0.2	✓	1	✓	0	(1)	2	0.005	0.017	0.011	✓	0	(1)
Coolgardie	3	0.2	0.9	0.5	✓	1	✓	0	(1)	2	0.036	0.066	0.051	✓	0	(1)
Corrigin	2	0.2	0.4	0.3	✓	1	✓	0	(1)	3	0.010	0.032	0.022	✓	0	(1)
Cunderdin	2	0.1	0.1	0.1	✓	1	✓	0	(1)	2	0.025	0.036	0.031	✓	0	(1)
Dalwallinu	2	0.7	0.9	0.8	✓	1	✓	0	(1)	3	0.001	0.034	0.012	✓	0	(1)
Dowerin	2	0.1	0.4	0.3	✓	1	✓	0	(1)	2	0.029	0.035	0.032	✓	0	(1)
Esperance	5	2.1	4.6	3.6	✓	1	✓	1	✓	2	0.032	0.075	0.054	✓	1	✓
Gibson	4	1.6	2.6	2.2	✓	1	✓	0	(1)	2	0.023	0.034	0.029	✓	2	✓
Goomalling	2	0.1	0.2	0.2	✓	1	✓	0	(1)	2	0.023	0.030	0.027	✓	0	(1)
Grass Patch	4	<0.05	2.8	1.2	✓	4	✓	0	(1)	2	0.065	0.086	0.076	✓	1	✓
Grass Valley	2	0.1	0.1	0.1	✓	1	✓	0	(1)	2	0.022	0.027	0.025	✓	0	(1)
Kalannie	2	0.8	0.8	0.8	✓	1	✓	0	(1)	2	0.042	0.053	0.048	✓	0	(1)
Kalgoorlie	4	0.2	1	0.5	✓	2	✓	0	(1)	10	0.044	0.190	0.102	✓	0	(1)
Kambalda	2	0.1	1	0.6	✓	1	✓	1	✓	2	0.042	0.089	0.066	✓	1	✓
Kellerberrin	2	0.1	0.3	0.2	✓	1	✓	0	(1)	2	0.033	0.042	0.038	✓	0	(1)
Koolyanobbing	2	0.2	1	0.6	✓	1	✓	0	(1)	2	0.015	0.063	0.039	✓	0	(1)
Koorda	2	0.4	0.6	0.5	✓	1	✓	0	(1)	2	0.024	0.030	0.027	✓	0	(1)
Kununoppin	2	0.2	0.4	0.3	✓	1	✓	0	(1)	2	0.015	0.029	0.022	✓	0	(1)
Laverton	4	6.2	7.6	7	✓	1	✓	1	✓	2	0.019	0.076	0.048	✓	0	(1)
Leonora	10	5.8	7.5	6.7	✓	1	✓	1	✓	2	<0.001	<0.001	<0.001	✓	0	(1)
Marvel Loch	2	0.2	0.8	0.5	✓	1	✓	0	(1)	2	0.016	0.092	0.054	✓	0	(1)
Meckering	2	0.1	0.1	0.1	✓	1	✓	0	(1)	2	0.026	0.028	0.027	✓	0	(1)
Menzies	2	11.4	12.4	11.9	(2)	1	✓	1	✓	2	0.004	0.011	0.008	✓	0	(1)
Merredin	2	0.1	0.1	0.1	✓	1	✓	0	(1)	2	0.018	0.021	0.020	✓	0	(1)
Miling	2	0.7	1	0.8	✓	1	✓	0	(1)	2	0.008	0.035	0.022	✓	0	(1)
Mukinbudin	2	0.2	0.3	0.2	✓	1	✓	0	(1)	2	0.004	0.006	0.005	✓	0	(1)
Muntadgin	2	0.1	0.3	0.2	✓	1	✓	0	(1)	2	0.018	0.022	0.020	✓	0	(1)
Narembeen	2	0.2	0.2	0.2	✓	1	✓	0	(1)	2	0.013	0.016	0.015	✓	0	(1)
Norseman	2	0.3	0.8	0.6	✓	1	✓	0	(1)	2	0.028	0.048	0.038	✓	1	✓
Northam	2	0.1	0.4	0.2	✓	1	✓	1	✓	2	0.016	0.034	0.025	✓	1	✓
Nungarin	2	0.1	0.3	0.2	✓	1	✓	0	(1)	2	0.019	0.024	0.022	✓	0	(1)
Ora Banda	2	0.3	1.1	0.7	✓	1	✓	0	(1)	2	0.063	0.094	0.079	✓	0	(1)
Pithara	2	0.7	0.9	0.8	✓	1	✓	0	(1)	2	0.001	0.002	0.002	✓	0	(1)
Quairading	2	0.6	0.7	0.7	✓	1	✓	0	(1)	3	0.067	0.083	0.078	✓	0	(1)
Salmon Gums	2	0.2	4	2.1	✓	1	✓	0	(1)	2	0.110	0.130	0.120	✓	2	✓
Southern Cross	2	0.2	0.3	0.2	✓	1	✓	0	(1)	2	0.020	0.020	0.020	✓	0	(1)
Tammin	2	0.1	0.2	0.1	✓	1	✓	0	(1)	2	0.025	0.041	0.033	✓	0	(1)
Toodyay	2	0.3	0.3	0.3	✓	1	✓	0	(1)	2	0.014	0.026	0.020	✓	0	(1)
Trayning	2	0.2	0.5	0.3	✓	1	✓	0	(1)	2	0.019	0.029	0.024	✓	0	(1)
Warralakin	2	0.1	1.2	0.7	✓	1	✓	0	(1)	2	0.011	0.019	0.015	✓	0	(1)
Westonia	2	0.1	0.7	0.4	✓	1	✓	0	(1)	2	0.015	0.015	0.015	✓	0	(1)
Wongan Hills	2	0.1	0.8	0.4	✓	1	✓	0	(1)	2	0.099	0.110	0.105	✓	0	(1)
Wubin	2	1.3	1.5	1.4	✓	1	✓	0	(1)	3	0.059	0.085	0.072	✓	0	(1)
Wundowie	2	0.1	0.1	0.1	✓	1	✓	0	(1)	2	0.028	0.034	0.031	✓	0	(1)
Wyalkatchem	2	0.2	0.5	0.4	✓	1	✓	0	(1)	2	0.033	0.049	0.041	✓	0	(1)
York	2	0.1	0.2	0.1	✓	1	✓	0	(1)	2	0.034	0.036	0.035	✓	0	(1)

(1) No samples were required in this 12 month period. (2) Menzies has been granted an exemption from compliance with the nitrate guideline by the Department of Health. The water supplied is safe for adults and children over the age of 3 months. 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.