

	Drinking Water Quality Annual Report Data 01/07/2023 to 30/06/2024															
	Table 6		Health related variables													
Mid West 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					
Badgingarra	13	0	0	✓	13	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	5	✓
Bindoon /Chittering	49	0	0	✓	24	0	✓	2	0.35	0.35	0.35	✓	0	(1)	2	✓
Bolgart	13	0	0	✓	9	0	✓	2	0.15	0.20	0.18	✓	0	(1)	2	✓
Calingiri	13	0	0	✓	9	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Carnamah	13	0	0	✓	13	0	✓	3	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Carnarvon	65	0	0	✓	39	0	✓	2	0.30	0.40	0.35	✓	0	(1)	2	✓
Cervantes	52	0	0	✓	13	0	✓	2	0.15	0.15	0.15	✓	0	(1)	2	✓
Coomberdale	13	0	0	✓	9	0	✓	2	0.80	0.85	0.83	(2)	0	(1)	2	✓
Coorow	13	0	0	✓	13	0	✓	3	<0.1	<0.1	<0.1	✓	1	✓	2	✓
Coral Bay	12	0	0	✓	12	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Cue	13	0	0	✓	13	0	✓	2	0.20	0.20	0.20	✓	2	✓	2	✓
Dandaragan	13	0	0	✓	9	0	✓	2	0.20	0.25	0.23	✓	0	(1)	2	✓
Denham	51	0	0	✓	26	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Dongara/Denison	65	0	0	✓	26	0	✓	52	0.55	0.90	0.79	(2)	0	(1)	2	✓
Eneabba	13	0	0	✓	13	0	✓	2	0.15	0.20	0.18	✓	0	(1)	15	✓
Exmouth	60	0	0	✓	36	0	✓	51	0.40	0.80	0.71	(2)	2	✓	2	✓
Gascoyne Junction	25	0	0	✓	25	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Geraldton	180	0	0	✓	156	1	(3)	52	0.45	0.90	0.80	(2)	0	(1)	4	✓
Gingin	49	0	0	✓	26	0	✓	2	<0.1	0.30	0.15	✓	0	(1)	2	✓
Greenhead	52	0	0	✓	26	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	7	✓
Guilderton	51	0	0	✓	18	0	✓	2	0.25	0.25	0.25	✓	0	(1)	2	✓
Horrocks	13	0	0	✓	13	0	✓	2	0.35	0.40	0.38	✓	0	(1)	2	✓
Jurien Bay	52	0	0	✓	13	0	✓	2	0.20	0.20	0.20	✓	0	(1)	2	✓
Kalbarri	52	0	0	✓	26	0	✓	3	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Lancelin	51	0	0	✓	26	0	✓	2	0.20	0.20	0.20	✓	0	(1)	2	✓
Latham	52	0	0	✓	13	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Ledge Point	51	0	0	✓	13	0	✓	2	0.15	0.15	0.15	✓	0	(1)	2	✓
Leeman	52	0	0	✓	13	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	7	✓
Meekatharra	52	0	0	✓	13	0	✓	2	0.25	0.30	0.28	✓	0	(1)	14	✓
Mingenew	13	0	0	✓	13	0	✓	2	0.15	0.20	0.18	✓	0	(1)	2	✓
Moora	52	0	0	✓	26	0	✓	52	0.25	1.00	0.80	(2)	0	(1)	2	✓
Morawa	52	0	0	✓	13	0	✓	2	<0.1	<0.1	<0.1	✓	1	✓	2	✓
Mt Magnet	52	0	0	✓	13	0	✓	2	0.15	0.15	0.15	✓	1	✓	2	✓
Mullewa	13	0	0	✓	13	0	✓	2	0.75	0.90	0.83	(2)	2	✓	2	✓
Nabawa	13	0	0	✓	13	0	✓	2	0.75	0.90	0.83	(2)	0	(1)	2	✓
New Norcia	13	0	0	✓	9	0	✓	2	0.15	0.60	0.38	✓	0	(1)	2	✓
Nilgen (Ocean Farms)	13	0	0	✓	9	0	✓	2	<0.1	0.10	<0.1	✓	0	(1)	6	✓
Northampton	52	0	0	✓	13	0	✓	2	0.80	0.80	0.80	(2)	0	(1)	2	✓
Perenjori	13	0	0	✓	13	0	✓	2	<0.1	<0.1	<0.1	✓	2	✓	2	✓
Piawaning	26	0	0	✓	9	0	✓	2	<0.1	<0.1	<0.1	✓	1	✓	2	✓
Port Kalbarri	13	0	0	✓	13	0	✓	2	0.10	0.15	0.13	✓	0	(1)	2	✓
Sandstone	13	0	0	✓	13	0	✓	2	0.25	0.25	0.25	✓	0	(1)	2	✓
Seabird	12	0	0	✓	8	0	✓	2	0.25	0.30	0.28	✓	0	(1)	2	✓
Seaview Park	13	0	0	✓	9	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Sovereign Hills	26	0	0	✓	18	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Three Springs	13	0	0	✓	13	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Watheroo	12	0	0	✓	9	0	✓	2	<0.1	0.10	<0.1	✓	0	(1)	2	✓
Woodridge	12	0	0	✓	8	0	✓	2	0.20	0.30	0.25	✓	0	(1)	2	✓
Yalgoo	13	0	0	✓	13	0	✓	2	0.10	0.15	0.13	✓	2	✓	2	✓
Yerecoin	13	0	0	✓	9	0	✓	2	<0.1	<0.1	<0.1	✓	0	(1)	2	✓
Yuna	13	0	0	✓	13	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) Response protocols were implemented in accordance with DoH requirements. Identified as not *Naegleria fowleri*.

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Table 7		Health related variables														
Mid 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			
Badgingarra	6	0.9	0.9	0.9	✓	1	✓	0	(1)	2	<0.001	<0.001	<0.001	✓	0	(1)
Bindoon /Chittering	2	<0.2	<0.2	<0.2	✓	1	✓	2	✓	2	0.004	0.007	0.005	✓	0	(1)
Bolgart	5	29.9	38.7	34.3	✓	1	✓	1	✓	2	0.002	0.004	0.003	✓	0	(1)
Calingiri	4	17.6	33.9	24.2	✓	1	✓	8	(3)	2	0.005	0.064	0.027	✓	0	(1)
Carnamah	4	0.9	1.3	1.3	✓	0	(2)	0	(1)	3	0.005	0.010	0.007	✓	0	(1)
Carnarvon	2	2.6	3.1	2.6	✓	1	✓	2	✓	2	0.003	0.003	0.003	✓	0	(1)
Cervantes	4	15.4	16.7	16.3	✓	1	✓	0	(1)	2	0.005	0.009	0.007	✓	0	(1)
Coomberdale	3	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.033	0.042	0.038	✓	0	(1)
Coorow	4	0.9	1.8	1.3	✓	1	✓	0	(1)	3	0.005	0.010	0.008	✓	0	(1)
Coral Bay	2	<0.2	<0.2	<0.2	✓	1	✓	2	✓	2	<0.001	<0.001	<0.001	✓	2	✓
Cue*	4	16.7	19.4	17.6	✓	1	✓	0	(1)	2	0.002	0.008	0.005	✓	0	(1)
Dandaragan	4	<0.2	<0.2	<0.2	✓	1	✓	2	✓	2	0.004	0.006	0.005	✓	0	(1)
Denham	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	<0.001	0.002	<0.001	✓	0	(1)
Dongara/Denison	4	2.2	3.1	2.6	✓	1	✓	1	✓	3	0.001	0.014	0.007	✓	1	✓
Eneabba	5	<0.2	<0.2	<0.2	✓	1	✓	1	✓	2	0.005	0.008	0.006	✓	0	(1)
Exmouth	4	7.9	7.9	7.9	✓	1	✓	2	✓	2	<0.001	<0.001	<0.001	✓	0	(1)
Gascoyne Junction	3	<0.2	0.4	0.4	✓	1	✓	2	✓	1	0.005	0.005	0.005	✓	0	(1)
Geraldton	4	2.6	2.6	2.6	✓	2	✓	2	✓	4	0.007	0.007	0.007	✓	0	(1)
Gingin	3	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	<0.001	0.039	0.020	✓	0	(1)
Greenhead	2	4.0	4.0	4.0	✓	1	✓	1	✓	2	<0.001	0.001	<0.001	✓	0	(1)
Guilderton	5	32.6	39.2	37.0	✓	1	✓	2	✓	2	0.01	0.021	0.015	✓	1	✓
Horrocks	4	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.009	0.009	0.009	✓	0	(1)
Jurien Bay	26	10.1	16.7	13.6	✓	1	✓	0	(1)	2	0.004	0.005	0.005	✓	0	(1)
Kalbarri	2	2.6	2.6	2.6	✓	1	✓	0	(1)	2	<0.001	0.003	<0.001	✓	0	(1)
Lancelin	4	4.0	9.7	6.2	✓	1	✓	0	(1)	2	0.008	0.009	0.009	✓	0	(1)
Latham	4	0.9	0.9	0.9	✓	1	✓	2	✓	2	0.085	0.110	0.098	✓	0	(1)
Ledge Point	5	20.7	23.8	22.4	✓	1	✓	0	(1)	2	0.006	0.008	0.007	✓	0	(1)
Leeman	2	4.0	4.4	4.0	✓	1	✓	0	(1)	2	0.002	0.002	0.002	✓	0	(1)
Meekatharra*	14	14.1	28.2	20.2	✓	1	✓	2	✓	2	0.002	0.009	0.005	✓	1	✓
Mingenew	5	12.3	13.2	12.8	✓	1	✓	0	(1)	2	0.002	0.003	0.002	✓	0	(1)
Moora	2	<0.2	<0.2	<0.2	✓	1	✓	2	✓	2	0.015	0.028	0.022	✓	0	(1)
Morawa	4	0.9	0.9	0.9	✓	1	✓	2	✓	2	0.003	0.005	0.004	✓	0	(1)
Mt Magnet*	4	23.8	26.0	25.1	✓	1	✓	1	✓	2	0.001	0.002	0.002	✓	1	✓
Mullewa	4	2.2	2.6	2.6	✓	4	✓	0	(1)	2	0.024	0.024	0.024	✓	0	(1)
Nabawa	4	2.2	3.1	2.6	✓	1	✓	0	(1)	2	0.008	0.011	0.010	✓	1	✓
New Norcia*	9	13.6	46.6	36.1	✓	1	✓	1	✓	2	0.007	0.008	0.008	✓	0	(1)
Nilgen (Ocean Farms)	2	22.0	26.0	24.2	✓	1	✓	0	(1)	2	0.002	0.003	0.002	✓	0	(1)
Northampton	2	2.2	2.6	2.6	✓	1	✓	0	(1)	2	0.021	0.032	0.027	✓	0	(1)
Perenjori	4	0.4	0.9	0.9	✓	1	✓	0	(1)	2	0.003	0.008	0.006	✓	0	(1)
Piawaning	4	13.6	24.6	21.6	✓	1	✓	0	(1)	2	0.058	0.097	0.078	✓	0	(1)
Port Kalbarri	3	0.4	0.9	0.9	✓	1	✓	2	✓	2	0.042	0.066	0.054	✓	0	(1)
Sandstone*	4	19.4	27.7	22.0	✓	1	✓	2	✓	2	0.002	0.003	0.003	✓	0	(1)
Seabird	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.030	0.043	0.037	✓	0	(1)
Seaview Park	4	23.3	25.5	24.2	✓	1	✓	1	✓	2	0.002	0.002	0.002	✓	0	(1)
Sovereign Hills	4	1.3	2.2	1.3	✓	1	✓	1	✓	2	0.015	0.017	0.016	✓	0	(1)
Three Springs	4	0.9	2.6	1.8	✓	1	✓	0	(1)	2	0.006	0.009	0.008	✓	0	(1)
Watheroo	5	<0.2	<0.2	<0.2	✓	1	✓	2	✓	5	0.082	0.120	0.107	✓	0	(1)
Woodridge	5	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	4	0.068	0.097	0.082	✓	0	(1)
Yalgoo*	4	18.9	26.4	22.0	✓	4	✓	1	✓	2	0.009	0.014	0.012	✓	0	(1)
Yerecoin	4	4.4	25.1	16.7	✓	1	✓	2	✓	2	0.066	0.078	0.072	✓	1	✓
Yuna	3	2.6	3.1	2.6	✓	1	✓	0	(1)	2	0.035	0.041	0.038	✓	0	(1)

(1) No samples required in this 12 month period. (2) Annual sample moved from June to July - all parameters within guideline values. (3) Non-compliance associated with radiological performance criterion as defined in the MoU with DoH. Response protocols implemented in accordance with DoH requirements demonstrated continuous supply of safe drinking water to the locality.

*Cue, Meekatharra, Mount Magnet, New Norcia, Sandstone and Yalgoo 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. 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.