

Drinking Water Quality Annual Report Data 01/07/2022 to 30/06/2023

Table 26 Health related variables

North West Region	<i>E. coli</i>				<i>Thermophilic 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					
Broome	101	0	0	✓	79	0	✓	52	<0.1	0.80	0.58	(2)	1	✓	2	✓
Burrup	24	0	0	✓	24	0	✓	2	0.80	0.80	0.80	(2)	0	(3)	2	✓
Camballin	11	0	0	✓	11	0	✓	2	0.25	0.25	0.25	✓	0	(1)	2	✓
Cape Lambert	12	0	0	✓	12	0	✓	2	0.65	0.80	0.73	(2)	2	✓	2	✓
Derby	58	0	0	✓	58	0	✓	50	0.60	0.75	0.67	(2)	0	(1)	2	✓
Fitzroy Crossing	11	0	0	✓	11	0	✓	2	0.20	0.25	0.23	✓	0	(1)	2	✓
Halls Creek	49	0	0	✓	50	0	✓	2	0.60	0.60	0.60	✓	0	(1)	2	✓
Hedland	104	0	0	✓	78	0	✓	52	0.60	0.90	0.81	(2)	0	(1)	2	✓
Karratha	117	0	0	✓	117	0	✓	52	0.55	0.95	0.77	(2)	1	(3)	2	✓
Kununurra	65	0	0	✓	52	0	✓	52	0.50	0.90	0.73	(2)	0	(1)	2	✓
Marble Bar	12	0	0	✓	12	0	✓	2	0.60	0.70	0.65	✓	0	(1)	2	✓
Newman	65	0	0	✓	52	0	✓	2	0.25	0.30	0.28	✓	0	(1)	8	✓
Nullagine	10	0	0	✓	10	0	✓	2	0.45	0.50	0.48	✓	0	(1)	2	✓
Onslow	52	0	0	✓	27	0	✓	2	0.70	0.75	0.73	✓	0	(1)	5	✓
Point Samson	12	0	0	✓	12	0	✓	2	0.65	0.75	0.70	(2)	0	(1)	2	✓
Roebourne	52	0	0	✓	52	0	✓	2	0.75	0.80	0.78	(2)	0	(1)	2	✓
Wickham	51	0	0	✓	51	0	✓	2	0.75	0.85	0.80	(2)	0	(1)	2	✓
Wyndham	49	0	0	✓	49	0	✓	2	<0.1	<0.1	<0.1	✓	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) Due to an instrumentation issue at an external laboratory a hydrocarbon sample due this financial year has been rescheduled to early 2023-24.

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Table 27 Health related variables

North West Region	Health related variables															
Locality	Samples Taken	Nitrate				Pesticides		Radiological		Trihalomethanes					Other Health Related	
		Concentration (mg/L)			Guideline Met	Samples Taken	Guideline Met	Samples Taken	Guideline Met	Concentration (mg/L)			Guideline Met	Samples Taken	Requirement Met	
		Min	Max	Mean						Min	Max	Mean				
Broome	2	25.1	26.0	25.5	✓	1	✓	2	✓	2	<0.001	0.003	<0.001	✓	0	(1)
Burrup	2	5.7	6.2	6.2	✓	1	✓	0	(1)	2	<0.001	0.002	<0.001	✓	0	(1)
Camballin	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.001	0.005	0.003	✓	0	(1)
Cape Lambert	2	1.8	6.2	4.0	✓	1	✓	0	(1)	2	0.084	0.130	0.107	✓	2	✓
Derby	4	<0.2	0.4	<0.2	✓	1	✓	2	✓	1	0.001	0.001	0.001	✓	2	✓
Fitzroy Crossing	2	4.0	4.4	4.0	✓	5	✓	2	✓	2	<0.001	<0.001	<0.001	✓	0	(1)
Halls Creek	2	5.3	5.3	5.3	✓	1	✓	5	✓	2	0.001	0.003	0.002	✓	0	(1)
Hedland	4	3.5	4.4	4.0	✓	1	✓	2	✓	2	0.002	0.003	0.002	✓	1	✓
Karratha	2	1.8	6.2	4.0	✓	1	✓	0	(1)	4	0.080	0.160	0.120	✓	1	✓
Kununurra	4	<0.2	<0.2	<0.2	✓	4	✓	2	✓	2	0.008	0.028	0.018	✓	1	✓
Marble Bar	3	5.7	5.7	5.7	✓	1	✓	2	✓	2	0.015	0.016	0.016	✓	0	(1)
Newman	3	0.9	0.9	0.9	✓	1	✓	2	✓	2	0.002	0.003	0.003	✓	0	(1)
Nullagine	2	5.7	5.7	5.7	✓	1	✓	1	✓	2	<0.001	<0.001	<0.001	✓	0	(1)
Onslow	4	1.8	2.2	1.8	✓	1	✓	4	✓	2	<0.001	0.002	<0.001	✓	1	✓
Point Samson	2	1.8	6.6	4.0	✓	1	✓	1	✓	4	<0.001	0.190	0.103	✓	1	✓
Roebourne	2	2.2	2.6	2.2	✓	1	✓	2	✓	4	0.094	0.140	0.119	✓	0	(1)
Wickham	2	2.2	2.6	2.2	✓	1	✓	1	✓	4	0.001	0.130	0.077	✓	0	(1)
Wyndham	4	0.4	0.9	0.4	✓	1	✓	0	(1)	2	0.038	0.075	0.051	✓	0	(1)

(1) No samples required in this 12 month period. (2) Operational samples compliant in 12 month period