

Drinking Water Quality Annual Report Data 01/07/2018 to 30/06/2019

Table 26 Health related variables

North West Region	<i>E. coli</i>				Thermophilic <i>Naegleria</i>			Fluoride				Hydrocarbons		Metals		
Locality	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	100	0	0	✓	75	0	✓	52	<0.1	0.75	0.65	✓	0	(1)	2	✓
Burrup*	24	0	0	✓	24	0	✓	3	0.55	0.70	0.65	✓	0	(1)	4	✓
Camballin	12	0	0	✓	12	0	✓	2	0.25	0.25	0.25	✓	2	✓	2	✓
Cape Lambert TWS	12	0	0	✓	12	0	✓	2	0.65	0.70	0.68	✓	0	(1)	2	✓
Derby	65	0	0	✓	65	0	✓	52	0.50	0.65	0.59	✓	1	✓	3	✓
Fitzroy Crossing	12	0	0	✓	12	0	✓	2	0.25	0.25	0.25	✓	0	(1)	2	✓
Halls Creek	52	0	0	✓	52	0	✓	2	0.65	0.65	0.65	✓	1	✓	3	✓
Hedland	93	0	0	✓	79	0	✓	54	0.60	0.75	0.69	✓	0	(1)	2	✓
Karratha	117	0	0	✓	117	0	✓	52	0.35	0.80	0.66	✓	0	(1)	2	✓
Kununurra	65	0	0	✓	52	0	✓	52	0.45	0.70	0.60	✓	0	(1)	2	✓
Marble Bar	12	0	0	✓	12	0	✓	2	0.60	0.65	0.63	✓	0	(1)	2	✓
Newman	65	0	0	✓	53	0	✓	2	0.20	0.20	0.20	✓	2	✓	2	✓
Nullagine	12	0	0	✓	12	0	✓	2	0.35	0.50	0.43	✓	1	✓	2	✓
Onslow TWS	52	0	0	✓	26	0	✓	2	0.85	0.95	0.90	✓	0	(1)	2	✓
Point Samson	12	0	0	✓	12	0	✓	2	0.65	0.70	0.68	✓	2	✓	2	✓
Roebourne	49	0	0	✓	49	0	✓	2	0.65	0.70	0.68	✓	2	✓	2	✓
Wickham	50	0	0	✓	50	0	✓	2	0.65	0.75	0.70	✓	1	✓	2	✓
Wyndham	52	0	0	✓	52	0	✓	2	<0.1	<0.1	<0.1	✓	1	✓	2	✓

*Burrup LNG and Burrup Supply have been combined into one locality - Burrup (1) No samples required in this 12 month period.

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Table 27 Health related variables

North 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			
Broome	2	21.6	25.5	23.8	✓	1	✓	2	✓	2	0.004	0.004	0.004	✓	0	(1)
Burrup*	3	5.3	6.2	5.7	✓	1	✓	2	✓	2	0.001	0.015	0.008	✓	2	✓
Camballin	2	<0.2	<0.2	<0.2	✓	1	✓	0	(1)	2	0.001	0.001	0.001	✓	1	✓
Cape Lambert TWS	2	0.9	7.0	4.0	✓	1	✓	0	(1)	4	0.001	0.098	0.045	✓	0	(1)
Derby	2	<0.2	<0.2	<0.2	✓	1	✓	4	✓	2	0.003	0.003	0.003	✓	0	(1)
Fitzroy Crossing	2	3.5	4.0	4.0	✓	4	✓	2	✓	2	<0.001	0.002	0.001	✓	0	(1)
Halls Creek	2	4.4	4.8	4.4	✓	2	✓	2	✓	2	0.001	0.003	0.002	✓	2	✓
Hedland	2	3.1	3.5	3.1	✓	1	✓	0	(1)	2	0.004	0.006	0.005	✓	0	(1)
Karratha	2	2.6	6.2	4.4	✓	1	✓	0	(1)	4	0.003	0.130	0.062	✓	1	✓
Kununurra	4	<0.2	<0.2	<0.2	✓	1	✓	2	✓	2	0.014	0.016	0.015	✓	1	✓
Marble Bar	2	7.9	7.9	7.9	✓	1	✓	2	✓	2	0.004	0.011	0.008	✓	0	(1)
Newman	4	0.9	1.8	1.3	✓	1	✓	2	✓	2	0.004	0.004	0.004	✓	0	(1)
Nullagine	4	4.0	5.7	4.8	✓	1	✓	1	✓	2	<0.001	<0.001	<0.001	✓	2	✓
Onslow TWS	2	1.8	2.2	1.8	✓	1	✓	0	(1)	2	<0.001	0.002	0.001	✓	0	(1)
Point Samson	2	1.8	6.6	4.4	✓	1	✓	1	✓	4	<0.001	0.130	0.070	✓	0	(1)
Roebourne	2	<0.2	3.1	1.8	✓	1	✓	2	✓	4	0.002	0.170	0.080	✓	2	✓
Wickham	2	1.8	4.8	3.1	✓	1	✓	1	✓	4	0.005	0.083	0.055	✓	2	✓
Wyndham	3	0.4	1.3	0.9	✓	1	✓	2	✓	4	0.084	0.100	0.091	✓	1	✓

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