

Annual Water and Sewage Performance Report 2017-2018

				NR - Not Relevant	ML - Megalitres	km - Kilometres						
				MD - Missing data	kl - Kilolitres	FTE - Full Time Employees						
				Potable water scheme	Potable water scheme	Potable water scheme	Raw-Partially treated water scheme	Recycled water scheme	Recycled water scheme	Sewerage scheme	Sewerage scheme	WSP
				Daintree	Mossman/Port Douglas	Whyanbeel	Dagmar Heights	Mossman STP Reuse	Port Douglas STP Reuse	Mossman STP	Port Douglas STP	Douglas Shire Council WSP-wide
Category	Code	Indicator	Units									
Connections	CS1	Population receiving water services	000s	0.090	15.265	1.502	0.020	NR	NR			16.877
Connections	CS2	Connected residential properties: water	000s	0.042	6.221	0.803	0.016	NR	NR			7.082
Connections	CS3	Connected non-residential properties: water	000s	0.008	1.245	0.018	0.000	NR	0.002			1.271
Connections	CS4	Total connected properties: water	000s	0.050	7.466	0.821	0.016	0.000	0.002			8.353
Connections	CS6	Connected residential properties: sewerage	000s							0.924	4.742	5.666
Connections	CS7	Connected non-residential properties: sewerage	000s							0.151	0.281	0.432
Connections	CS8	Total connected properties: sewerage	000s							1.075	5.023	6.098
Connections	CS67	Total connected properties: potable water only	000s	0.050	7.466	0.821						8.337
Sources of Water	WA1	Volume water sourced: surface water	ML	28.2	4,300.9	480.9	NR					4,810.0
Sources of Water	WA2	Volume water sourced: groundwater	ML	NR	NR	NR	NR					2.0
Sources of Water	WA61	Volume water sourced: desalination marine water	ML	NR	NR	NR	NR					0.0
Sources of Water	WA98	Volume recycled stormwater produced	ML					NR	NR			0.0
Sources of Water	WA83	Volume stormwater imported	ML					NR	NR			0.0
Sources of Water	WA101	Volume recycled sewage imported	ML					NR	NR			0.0
Sources of Water	WA64	Volume potable water imported	ML	NR	NR	NR						0.0
Sources of Water	WA65	Volume non-potable water imported	ML	NR	NR	NR	NR					0.0
Sources of Water	WA158	Volume potable+non-potable water imported	ML	0.0	0.0	0.0	0.0					0.0
Sources of Water	WA158.1	Names/volumes imported water suppliers	Text									NR
Sources of Water	WA135	Volume recycled sewage+stormwater imported	ML					0.0	0.0			0.0
Sources of Water	WA45	Volume water sourced: imported	ML	0.0	0.0	0.0	0.0	0.0	0.0			0.0
Sources of Water	WA7	Volume water sourced	ML	28.2	4,300.9	480.9	2.0	0.0	542.0			5,353.9
Sources of Water	WA108	Volume water taken: any other sources	ML	NR	NR	NR	NR					0.0
Sources of Water	WA109	Volume water taken: all sources	ML	28.2	4,300.9	480.9	2.0					4,812.0
Wastewater	WA16	Volume sewage collected: residential+non-trade	ML							393.2	1,220.4	1,613.6
Wastewater	WA17	Volume sewage collected: trade waste	ML							NR	NR	0.0
Wastewater	WA18	Volume sewage collected: residential+trade	ML							393.2	1,220.4	1,613.6
Wastewater	WA68	Volume sewage collected: sewer mining	ML							NR	NR	0.0
Wastewater	WA67	Volume sewage imported	ML							NR	6.1	6.1
Wastewater	WA167	Volume sewage collected: all	ML							393.2	1,226.5	1,619.7
Wastewater	WA31	Volume sewage treated	ML							403.2	1,361.8	1,765.0
Wastewater	WA175	Volume treated sewage disposal: inland surface waters	ML							NR	NR	0.0
Wastewater	WA176	Volume treated sewage disposal: land	ML							0.0	0.0	0.0
Wastewater	WA177	Volume treated sewage disposal: groundwater	ML							NR	NR	0.0
Wastewater	WA178	Volume treated sewage disposal: sea/estuary	ML							403.2	614.5	1,017.7
Wastewater	WA216	Volume treated sewage disposal: all (ABS)	ML							403.2	614.5	1,017.7
Wastewater	WA163	Volume sewage released by utility: treated+untreated	ML							403.2	614.6	1,017.8
Wastewater	WA137	Volume wastewater collected: sewage+stormwater	ML					0.0	0.0	393.2	1,220.4	1,613.6
Recycled Water (sewage) uses	WA20	Volume recycled sewage supplied: residential	ML					NR	NR			0.0
Recycled Water (sewage) uses	WA218	Volume recycled sewage supplied: commercial+industrial+municipal	ML					NR	542.0			542.0
Recycled Water (sewage) uses	WA22	Volume recycled sewage supplied: agricultural (all)	ML					NR	NR			0.0
Recycled Water (sewage) uses	WA23	Volume recycled sewage supplied: environmental flows	ML					NR	NR			0.0
Recycled Water (sewage) uses	WA219	Volume recycled sewage supplied: own use	ML					NR	NR			0.0
Recycled Water (sewage) uses	WA73	Volume recycled sewage supplied: aquifer recharge	ML					NR	NR			0.0
Recycled Water (sewage) uses	WA187	Volume recycled sewage supplied: any other	ML					NR	NR			0.0
Recycled Water (sewage) uses	WA21	Volume recycled sewage supplied: non-residential	ML					0.0	542.0			542.0
Recycled Water (sewage) uses	WA26	Volume recycled sewage supplied: all	ML					0.0	542.0			542.0
Recycled Water (sewage) uses	WA15	Volume recycled sewage exported	ML					NR	NR			0.0
Stormwater Reuse	WA85	Volume recycled stormwater supplied: residential	ML					NR	NR			0.0
Stormwater Reuse	WA220	Volume recycled stormwater supplied: commercial+industrial+municipal	ML					NR	NR			0.0
Stormwater Reuse	WA189	Volume recycled stormwater supplied: agricultural/individual irrigation	ML					NR	NR			0.0
Stormwater Reuse	WA190	Volume recycled stormwater supplied: irrigation water system/scheme	ML					NR	NR			0.0
Stormwater Reuse	WA191	Volume recycled stormwater supplied: environmental flows	ML					NR	NR			0.0
Stormwater Reuse	WA84	Volume recycled stormwater supplied: aquifer recharge	ML					NR	NR			0.0
Stormwater Reuse	WA192	Volume recycled stormwater supplied: any other	ML					NR	NR			0.0
Stormwater Reuse	WA86	Volume recycled stormwater supplied: non-residential	ML					0.0	0.0			0.0
Stormwater Reuse	WA88	Volume recycled stormwater supplied: all	ML					0.0	0.0			0.0
Stormwater Reuse	WA82	Volume recycled stormwater exported	ML					NR	NR			0.0
Potable water uses	WA74	Volume potable water produced/supplied into water supply system	ML	14.4	3,817.8	317.2						4,149.3
Potable water uses	WA32	Volume potable water supplied: residential	ML	4.6	1,960.3	177.6						2,142.5
Potable water uses	WA34	Volume potable water supplied: non-residential	ML	5.3	903.3	15.9						924.6
Potable water uses	WA36	Volume potable water supplied: non-revenue	ML	0.4	102.7	4.4						107.5
Potable water uses	WA40	Volume potable water exported	ML	NR	NR	NR						0.0
Potable water uses	WA197	Volume water returned to surface water or groundwater from water supply system	ML	MD	MD	MD	MD					MD
Raw-Partially Treated water uses	WA91	Volume raw-PT water supplied: residential	ML				1.9					1.9

Customer Service - water	CS20	Number water complaints: water quality	Count	0	1	0	0	0	0	1.0	
Customer Service - water	CS9	Water quality complaints per 1000 connections	per 1000 connections	0	0	0	0	NR	0	0.1	
Customer Service - water	CS22	Number water complaints: service	Count	0	1	0	0	NR	0	1.0	
Customer Service - water	CS61	Number customers affected by unplanned interruptions	Count	33	795	74				902.0	
Customer Service - water	CS17	Average frequency unplanned interruptions: water	per 1000 connections	660	106	90				108.2	
Customer Service - water	CS66	Percent CSS response target met: water incidents	%	100.0	100.0	100.0	100.0			100.0	
Customer Service - overall	CS23	Number water and sewerage complaints: billing and accounts	Count	0	0	0	0	0	0	0.0	
Customer Service - overall	CS24	Number water and sewerage complaints: all other	Count	0	0	0	0	0	0	0.0	
Customer Service - overall	CS62	Number water and sewerage complaints: all	Count	0	2	0	0	0	1	5	8.0
Customer Service - overall	CS13	Water and sewerage complaints (all) per 1000 connections	per 1000 connections	0.0	0.3	0.0	0.0	NR	0.0	0.0	1.0
Compliance & Treatment - Sewerage	EN18	Volume sewage treated: maximum primary level only	ML						NR	NR	0.0
Compliance & Treatment - Sewerage	EN1	Per cent sewage treated: maximum primary level only	%						0.0	0.0	0.0
Revenue	FN37	Revenue: sale bulk potable+raw-PT water	\$,000								NR
Revenue	FN38	Revenue: sale bulk recycled water	\$,000								NR
Revenue	FN58	Revenue: sale all bulk water	\$,000								0.000
Revenue	FN39	Revenue: sale potable+raw-PT water (retail supply)	\$,000								7,106.229
Revenue	FN40	Revenue: sale recycled sewage water (retail supply)	\$,000								0.000
Revenue	FN59	Revenue: sale potable+raw-PT+recycled water (retail supply)	\$,000								7,106.229
Revenue	FN60	Government grants/subsidies (non-capital purposes): water	\$,000								0.000
Revenue	FN61	Revenue: any other water supply	\$,000								160.065
Revenue	FN42	Revenue: all (ABS) water	\$,000								7,266.294
Revenue	FN62	Revenue: residential and non-residential sewerage	\$,000								6,702.527
Revenue	FN63	Revenue: trade waste sewerage	\$,000								54.375
Revenue	FN64	Government grants/subsidies (non-capital purposes): sewerage	\$,000								0.000
Revenue	FN65	Revenue: any other sewerage	\$,000								179.866
Revenue	FN66	Revenue: all (ABS) sewerage	\$,000								6,936.768
Revenue	FN67	Revenue: stormwater charges	\$,000								0.000
Revenue	FN68	Government grants/subsidies (non-capital purposes): stormwater	\$,000								0.000
Revenue	FN69	Revenue: other stormwater	\$,000								0.000
Revenue	FN70	Revenue: all stormwater	\$,000								0.000
Revenue	FN1	Revenue: all (NPR) water	\$,000								7,094.261
Revenue	FN2	Revenue: all (NPR) sewerage	\$,000								6,637.644
Revenue	FN25	Community service obligations	\$,000								0.000
Costs	FN9	Nominal written down replacement cost: fixed water assets	\$,000								65,369.780
Costs	FN10	Nominal written down replacement cost: fixed sewerage assets	\$,000								42,323.510
Costs	FN74	Current replacement costs: fixed water assets	\$,000								124,301.470
Costs	FN75	Current replacement costs: fixed sewerage assets	\$,000								74,266.870
Costs	FN44	Costs: purchase bulk potable+raw-PT water	\$,000								NR
Costs	FN45	Costs: purchase bulk recycled water	\$,000								NR
Costs	FN46	Costs: purchase of all bulk water	\$,000								0.000
Costs	FN32	Costs: operating water (NPR)	\$,000								3,033.092
Costs	FN11	Costs: operating water per connection	\$/connection								363.114
Costs	FN76	Costs: maintenance water	\$,000								1,668.259
Costs	FN47	Costs: operating water (ABS)	\$,000								3,033.092
Costs	FN33	Costs: operating sewerage	\$,000								1,992.280
Costs	FN12	Costs: operating sewerage per connection	\$/connection								326.711
Costs	FN77	Costs: maintenance sewerage	\$,000								1,096.855
Costs	FN48	Costs: operating stormwater	\$,000								MD
Costs	FN49	Costs: any other water	\$,000								2,614.235
Costs	FN50	Costs: any other sewerage	\$,000								1,800.745
Costs	FN71	Costs: any other stormwater	\$,000								0.000
Costs	FN78	Current cost depreciation: water	\$,000								2,317.990
Costs	FN79	Current cost depreciation: sewerage	\$,000								1,677.240
Costs	FN80	Previous 5 year average annual renewals expenditure: water	\$,000								829.370
Costs	FN81	Previous 5 year average annual renewals expenditure: sewerage	\$,000								1,136.550
Costs	FN82	Forecast 5 year average annual renewals expenditure: water	\$,000								2,369.700
Costs	FN83	Forecast 5 year average annual renewals expenditure: sewerage	\$,000								954.000
Capital Expenditure	FN14	Capital expenditure: water supply	\$,000								13,211.670
Capital Expenditure	FN15	Capital expenditure: sewerage	\$,000								2,356.920
Capital Expenditure	FN51	Capital expenditure: stormwater	\$,000								683.710
Capital Expenditure	FN52	Capital expenditure: any other	\$,000								11,353.000
Capital Expenditure	FN52.1	Nature/amount of 'other' capital expenditure	Text								Buildings & Other structures (\$3,089.49); Plant (846.09); Transport Assets (7,041.47); Waste (375.95)
Capital Expenditure	FN53	Capital expenditure: total	\$,000								27,605.300
Capital Expenditure	FN26	Capital works grants: water	\$,000								90.000
Capital Expenditure	FN27	Capital works grants: sewerage	\$,000								370.000
Water Pricing	PR3	Fixed charge: water value	\$/annum	314.85	314.85	314.85	314.9	NR	NR	314.85	
Water Pricing	PR5	Fixed charge: water description	Text	Access charge	Access charge	Access charge	Access charge	NR	NR	Access charge	
Water Pricing	PR6	Usage charge 1st Step: value	\$/kL	NR	NR	NR	NR	NR	NR	NR	
Water Pricing	PR49	Usage upper bound of 1st Step: kL	kL	NR	NR	NR	NR	NR	NR	NR	
Water Pricing	PR8	Usage charge 2nd Step: value	\$/kL	NR	NR	NR	NR	NR	NR	NR	
Water Pricing	PR50	Usage upper bound of 2nd Step: kL	kL	NR	NR	NR	NR	NR	NR	NR	
Water Pricing	PR10	Usage charge 3rd Step: value	\$/kL	NR	NR	NR	NR	NR	NR	NR	

Water Pricing	PR51	Usage upper bound of 3rd Step: kL	kL	NR	NR	NR	NR	NR	NR				NR
Water Pricing	PR12	Usage charge 4th Step: value	\$/kL	NR	NR	NR	NR	NR	NR				NR
Water Pricing	PR52	Usage upper bound of 4th Step: kL	kL	NR	NR	NR	NR	NR	NR				NR
Water Pricing	PR14	Usage charge 5th Step: value	\$/kL	NR	NR	NR	NR	NR	NR				NR
Water Pricing	PR53	Usage upper bound of 5th Step: kL	kL	NR	NR	NR	NR	NR	NR				NR
Water Pricing	PR16	Usage charge 6th Step: value	\$/kL	NR	NR	NR	NR	NR	NR				NR
Water Pricing	PR54	Usage upper bound of 6th Step: kL	kL	NR	NR	NR	NR	NR	NR				NR
Water Pricing	PR43	Annual bill based on 200kL/a: water	\$	594.85	594.85	594.85	594.9	NR	NR				594.9
Water Pricing	PR44	Typical residential bill: water	\$	366.00	588.00	421.00	369.0	NR	NR				553.8
Sewerage Pricing	PR31	Fixed charge: sewerage value	\$/annum							855.14	855.14		855.1
Sewerage Pricing	PR40	Fixed charge: sewerage description	Text							Single unit charge	Single unit charge		Single unit charge
Sewerage Pricing	PR45	Annual bill based on 200kL/a: sewerage	\$							855.14	855.14		855.1
Sewerage Pricing	PR46	Typical residential bill: sewerage	\$							855.14	855.14		855.1
Sewerage Pricing	PR47	Annual bill based on 200kL/a: water+sewerage	\$										1,450.0
Pricing	PR48	Typical residential bill: water+sewerage	\$										1,409.0
Workforce	WF1	Total full-time equivalent water+sewerage employees	FTEs										21.3
Water Security	WS1	Months water supply remaining: 30 June	months	12	12	12	12						12
Water Security	WS2	Anticipated water availability to meet demand for next year	ok/not ok	NR	NR	NR	NR						NR
Water Security	WS3	Available contingency supplies	yes/no	NR	NR	NR	NR						NR
Water Security	WS4	Total anticipated water demand for next reporting year	ML	28	4,344	486	2						4,860
Water Security	WS5	Total anticipated annual water demand in five years time	ML	29	4,476	500	2						5,007
Water Security	WS6	Anticipated capacity to meet demand in 5 years time	ok/not ok	ok	ok	ok	ok						ok
Water Security	WS7	Planned supply system response	yes/no	NR	NR	NR	NR						NR
Water Security	WS10	Water restrictions (duration)	days	296	296	296	296						296
Water Security	WS9	Water restrictions (severity)	%	30	27	8	49						25