



**Torres Strait Island Regional Council
Annual Performance Data 2019-20**

NR – Not Relevant; ML – Mega litres; km-Kilometres;
MD – Estimated/No Data; KL-Kilolitres; FTE-Full Time Employees

Code	Indicator	Units	Badu	Boigu	Dauan	Erub	Hammond	Iama	Kubin	Mabuiag	Masig	Mer	Poruma	Saibai	St Pauls	Ugar	Warraber	Badu	Boigu	Erub	Iama	Kubin	Mabuiag	Masig	Mer	Poruma	Saibai	St Pauls	Warraber	Torres Strait
			Water	Water	Water	Water	d Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Sewerage	Sewerage	Sewerage	Sewerage	Sewerage	Sewerage	Sewerage	Sewerage	Sewerage	Sewerage	Sewerage
Potable water scheme																	Sewerage scheme										WSP			
CS1	Population receiving water services	000s	0.813	0.271	0.191	0.328	0.268	0.319	0.187	0.21	0.27	0.453	0.167	0.465	0.237	0.085	0.245													4.509
CS2	Connected residential properties: water	000s	0.199	0.077	0.048	0.1	0.093	0.078	0.068	0.058	0.088	0.102	0.055	0.089	0.108	0.029	0.068													1.26
CS3	Connected non-residential properties: water	000s	0.038	0.011	0.009	0.016	0.006	0.011	0.016	0.01	0.019	0.019	0.015	0.012	0.016	0.008	0.008													0.214
CS4	Total connected properties: water	000s	0.237	0.088	0.057	0.116	0.099	0.089	0.084	0.068	0.107	0.121	0.07	0.101	0.124	0.037	0.076													1.474
CS6	Connected residential properties: sewerage	000s																0.199	0.077	0.1	0.078	0.068	0.058	0.088	0.102	0.055	0.089	0.108	0.068	1.09
CS7	Connected non-residential properties: sewerage	000s																0.038	0.011	0.016	0.011	0.016	0.01	0.019	0.019	0.015	0.012	0.016	0.008	0.191
CS8	Total connected properties: sewerage	000s																0.237	0.088	0.116	0.089	0.084	0.068	0.107	0.121	0.07	0.101	0.124	0.076	1.281
CS67	Total connected properties: potable water only	000s	0.237	0.088	0.057	0.116	0.099	0.089	0.084	0.068	0.107	0.121	0.07	0.101	0.124	0.037	0.076													1.474
WA1	Volume water sourced: surface water	ML	NR	5.04	1.452	16.295	0.0	0.0	27.68	30.23	5.18	10.322	7.37	30.8	39.76	ND	26.088													200.217
WA2	Volume water sourced: groundwater	ML	170.477	0.0	20.956	11.43	47.104	0.0	6.92	0.0	0.0	0.0	0.0	0.0	MD	7.56	NR													264.447
WA61	Volume water sourced: desalination marine water	ML	0.0	19.957	1.275	25.0	0.0	48.224	0.0	4.725	26.883	70.868	17.7	27.6	6.0	2.7	17.045													267.977
WA223	Volume all water imported: internal and external	ML	NR	NR	NR	NR	34.994	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR													34.994
WA7	Volume water sourced: all	ML	170.477	24.997	23.683	52.725	47.104	48.224	34.6	34.955	32.063	81.19	25.07	58.4	45.76	10.26	43.133													732.641
WA218	Volume recycled sewage supplied: commercial, industrial, municipal	ML																												NR
WA21	Volume recycled sewage supplied: non-residential	ML																												NR
WA26	Volume recycled sewage supplied: all	ML																												NR
WA98	Volume recycled stormwater supplied: all	ML																												NR
WA225	Volume potable water produced at a water treatment plant	ML	170.0	26.0	20.0	34.0	47.104	48.224	34.5	34.316	36.5898	76.146	29.0	36.2	47.1	11.2	48.883													699.2628
WA74	Volume potable water produced/supplied into water supply system	ML	170.0	26.0	20.0	49.0	46.478	48.2	34.5	39.041	36.589	76.146	29.0	51.7	47.058	10.1	48.883													732.695
WA32	Volume potable water supplied: residential	ML	119.0	18.2	14.0	34.0	32.55	33.74	24.15	27.3	25.62	53.27	20.3	36.19	32.97	7.0	34.23													512.52
WA34	Volume potable water supplied: non-residential	ML	51.0	7.8	6.0	15.0	13.9	14.46	10.35	11.7	11.0	22.9	8.7	15.5	14.1	3.1	14.67													220.18
WA36	Volume potable water supplied: non-revenue	ML	0.0	0.0	0.0	0.0	0.028	0.0	0.0	0.041	-0.031	-0.024	0.0	0.01	-0.012	0.0	-0.017													-0.005
WA197	Volume water returned to surface water or groundwater from water supply system	ML	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR													0.0
WA91	Volume raw-PT water supplied: residential	ML																												NR
WA92	Volume raw-PT water supplied: non-residential	ML																												NR
WA201	Maximum daily demand	ML/day	0.56	0.101	0.094	0.161	0.209	0.164	0.114	0.145	0.128	0.299	0.102	0.204	0.174	0.067	0.194													2.716
WA224	Volume all water exported: internal and external	ML	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0	NR	NR	NR													0.0
AS2	Length water mains	km	20.0	6.0	8.0	5.0	11.0	3.0	6.0	3.0	5.0	12.0	3.0	7.0	6.0	7.0	3.0													105.0
AS1	Number water treatment plants: providing full treatment	Count	1.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0													22.0
AS47	Capacity of water treatment plants	ML/day	0.7	0.2	0.2	0.3	0.1	0.2	0.1	0.1	0.1	0.4	0.1	0.3	0.2	0.1	0.1													3.2
AS48	Total potable water storage volume	ML	1.8	0.1	0.6	0.8	0.4	2.3	0.5	0.8	0.1	0.2	0.1	0.1	0.8	0.1	0.1													8.8



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Code	Indicator	Units	Badu Water	Boigu Water	Dauan Water	Erub Water	Hammond Water	Iama Water	Kubin Water	Mabuiag Water	Masig Water	Mer Water	Poruma Water	Saibai Water	St Pauls Water	Ugar Water	Warraber Water	Badu Sewerage	Boigu Sewerage	Erub Sewerage	Iama Sewerage	Kubin Sewerage	Mabuiag Sewerage	Masig Sewerage	Mer Sewerage	Poruma Sewerage	Saibai Sewerage	St Pauls Sewerage	Warraber Sewerage	Torres Strait Island RC WSP-wide
			Potable water scheme														Sewerage scheme												WSP	
AS4	Number sewage treatment plants	Count																1	1	1	1	1	1	1	1	1	1	1	1	12.0
AS5	Length sewerage mains and channels	km																11	7	6	5	10	4	6	12	3.69	7	7	4	82.69
AS14	Number of water main breaks, bursts and leaks	Count	1.0	1.0	0.0	7.0	10.0	0.0	0.0	2.0	0.0	6.0	0.0	2.0	6.0	1.0	2.0													38.0
AS8	Water main breaks per 100 km water main	per 100 km water main	5.0	16.6667	0.0	140.0	90.9091	0.0	0.0	66.6667	0.0	50.0	0.0	28.5714	100.0	14.2857	66.6667													36.1905
AS44	Total apparent losses: potable, non-potable	ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND													ND
AS55	Total apparent losses: potable water	ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND													ND
AS32	Current Annual Real Losses (CARL): potable, non-potable	ML	124.988	MD	MD	23.722	MD	29.13	22.43	19.37	20.42	MD	16.8	11.668	26.15	8.109	32.54													335.327
AS52	Current Annual Real Losses (CARL): potable water	ML	124.988	MD	MD	23.722	MD	29.13	22.43	19.37	20.42	MD	16.8	11.668	26.15	8.109	32.54													335.327
AS56	Volume water lost: potable water	ML	124.988	MD	MD	23.722	MD	29.13	22.43	19.37	20.42	MD	16.8	11.668	26.15	8.109	32.54													335.327
AS38	Number sewerage mains breaks/chokes	Count																0	0	0	0	0	0	0	0	0	0	0	0	0.0
AS39	Sewerage mains breaks/chokes per 100 km sewer main	per 100 km sewer main																0	0	0	0	0	0	0	0	0	0	0	0	0.0
CS21	Number sewerage complaints: service	Count																0	0	1	0	0	0	0	0	0	0	0	0	1.0
CS11	Sewerage service complaints per 1000 connections	per 1000 connections																0	0	8.62069	0	0	0	0	0	0	0	0	0	0.7806
CS65	Percent CSS response target met: sewerage incidents	%																100	100	100	100	100	100	100	100	100	100	100	100	100.0
CS20	Number water complaints: water quality	Count	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													1.0
CS9	Water quality complaints per 1000 connections	per 1000 connections	4.2194	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													0.6784
CS22	Number water complaints: service	Count	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													0.0
CS10	Water service complaints per 1000 connections	per 1000 connections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													0.0
CS61	Number connections affected by unplanned interruptions	Count	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD													MD
CS17	Average frequency unplanned interruptions: water	per 1000 connections	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD													MD
CS66	Percent CSS response target met: water incidents	%	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD													MD
CS23	Number water and sewerage complaints: billing and accounts	Count	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0
CS12	Water and sewerage billing and account complaints per 1000 connections	per 1000 connections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
CS24	Number water and sewerage complaints: all other	Count	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
CS62	Number water and sewerage complaints: all	Count	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	1	0	0	0	0	0	0	0	0	0	2.0
CS13	Water and sewerage complaints (all) per 1000 connections	per 1000 connections	4.2194	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	8.62069	0	0	0	0	0	0	0	0	0	1.3569
FN1	Revenue: all (NPR) water	\$,000																												507.0
FN2	Revenue: all (NPR) sewerage	\$,000																												914.0
FN9	Nominal written down replacement cost: fixed water assets	\$,000																												119,000.0



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			Potable water scheme														Sewerage scheme											WSP			
FN10	Nominal written down replacement cost: fixed sewerage assets	\$,000																												146,000.0	
FN74	Current replacement costs: fixed water assets	\$,000																												236,000.0	
FN75	Current replacement costs: fixed sewerage assets	\$,000																												258,000.0	
FN32	Costs: operating water (NPR)	\$,000																												3,132.0	
FN11	Costs: operating water per connection	\$/connection																												2124.83	
FN76	Costs: maintenance water	\$,000																												3,132.0	
FN49	Costs: any other water	\$,000																												MD	
FN33	Costs: operating sewerage	\$,000																												1,213.0	
FN12	Costs: operating sewerage per connection	\$/connection																												946.9165	
FN77	Costs: maintenance sewerage	\$,000																												1,213.0	
FN50	Costs: any other sewerage	\$,000																												MD	
FN78	Current cost depreciation: water	\$,000																												6,802.0	
FN79	Current cost depreciation: sewerage	\$,000																												7,465.0	
FN80	Previous 5 year average annual renewals expenditure: water	\$,000																												MD	
FN81	Previous 5 year average annual renewals expenditure: sewerage	\$,000																												MD	
FN82	Forecast 5 year average annual renewals expenditure: water	\$,000																												MD	
FN83	Forecast 5 year average annual renewals expenditure: sewerage	\$,000																												MD	
FN14	Capital expenditure: water supply	\$,000																												1,966.0	
FN15	Capital expenditure: sewerage	\$,000																												155.0	
FN26	Capital works grants: water	\$,000																												701.0	
FN27	Capital works grants: sewerage	\$,000																												MD	
PR3	Fixed charge: water value	\$/annum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													0.0	
PR5	Fixed charge: water description	Text	No charge	No charge	No charge	No charge	No charge	No charge	No charge	No charge	No charge	No charge	No charge	No charge	No charge	No charge	No charge													No charge	
PR43	Annual bill based on 200kL/a: water	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													0.0	
PR44	Typical residential bill: water	\$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													0.0	
PR31	Fixed charge: sewerage value	\$/annum																0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
PR40	Fixed charge: sewerage description	Text																no charge	no charge	no charge	no charge	no charge	no charge	no charge	no charge	no charge	no charge	no charge	no charge	no charge	
PR45	Annual bill based on 200kL/a: sewerage	\$																0	0	0	0	0	0	0	0	0	0	0	0	0.0	
PR46	Typical residential bill: sewerage	\$																0	0	0	0	0	0	0	0	0	0	0	0	0.0	
PR47	Annual bill based on 200kL/a: water, sewerage	\$																												0.0	
PR48	Typical residential bill: water, sewerage	\$																												0.0	



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			Potable water scheme														Sewerage scheme											WSP			
WF1	Total full-time equivalent water, sewerage employees	FTEs																													41.5
WS3	Available contingency supplies	yes/no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes														yes
WS11	Water restriction duration: PWCM	days	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	365.0	0.0	0.0	0.0	0.0	0.0														365.0
WS12	Water restriction duration: Level 1	days	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR														0.0
WS13	Water restriction duration: Level 2	days	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR														0.0
WS14	Water restriction duration: Level 3	days	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR														0.0
WS15	Water restriction duration: Level 4	days	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR														0.0
WS16	Water restriction duration: Level 5	days	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR														0.0
WS17	Has asset management planning been undertaken in the last 10 yrs?	yes/no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes														yes
WS18	Has drought management planning been undertaken in the last 10 yrs?	yes/no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes														yes
WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes/no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes														yes
WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes/no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes														yes
WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	yes/no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes														no
WS22	Months water supply remaining as at 30 June (KPI level)	1,2,3,4,5,6	4.0	4.0	3.0	1.0	4.0	4.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	1.0	2.0													NR	
WS23	Confidence water demand will be met: next 18 mths	High/ fair, unsure/ low/ very low	fair	fair	unsure	unsure	fair	high	unsure	fair	fair	fair	fair	unsure	low	very low	unsure														very low
WS24	Confidence water demand will be met: next 5 yrs	High/ fair, unsure/ low/ very low	fair	unsure	unsure	unsure	unsure	unsure	low	unsure	unsure	unsure	low	unsure	low	very low	low														very low
IT1	Cyber security: governance structure implemented	yes/no																													no
IT2	Cyber security: vulnerability/risk assessment implemented	yes/no																													no
IT3	Cyber security: safeguards implemented	yes/no																													no
IT4	Cyber security: detection process implemented	yes/no																													no
IT5	Cyber security: response/recovery plan implemented	yes/no																													no
QA1	Vol water sourced is => vol water produced/supplied	%	0.2798	-4.0125	15.5512	7.065	1.329	0.0498	0.289	-11.6893	-14.116	6.2126	-15.6761	11.4726	-2.8365	1.5595	-13.3309														NR
QA2	OPEX > Maintenance: Water																														0.0
QA3	OPEX > Maintenance: Sewerage																														0.0
QA4	Asset Replacement Costs > Depreciation: Water																														112,198.0
QA5	Asset Replacement Costs > Depreciation: Sewerage																														138,535.0
QA6	Potable non-revenue water > potable water loss		-124.988	0.0	0.0	-23.722	0.028	-29.13	-22.43	-19.329	-20.451	-0.024	-16.8	-11.658	-26.162	-8.109	-32.557														-335.332