

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Chillagoe Water	PWS	QG1.13	CS2	Connected residential properties: water	0.098	000s	
2022	MSC	Chillagoe Water	PWS	QG1.14	CS3	Connected non-residential properties: water	0.023	000s	
2022	MSC	Chillagoe Water	PWS	QG1.8	WA1	Volume water sourced: surface water	0	ML	
2022	MSC	Chillagoe Water	PWS	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
2022	MSC	Chillagoe Water	PWS	QG1.21	WA223	Volume all water imported: internal and external	0	ML	
2022	MSC	Chillagoe Water	PWS	QG1.12	WA7	Volume water sourced: all	119.9	ML	
2022	MSC	Chillagoe Water	PWS	QG1.6a	WA225	Volume potable water produced at a water treatment plant	126.3	ML	It is noted that volume water produced is higher than volume water sourced. These values are based on data provided by the WTP and has been flagged with Chillagoe plant Operations.
2022	MSC	Chillagoe Water	PWS	QG1.17a	WA32	Volume potable water supplied: residential	31.1	ML	
2022	MSC	Chillagoe Water	PWS	QG1.18a	WA34	Volume potable water supplied: non-residential	67.1	ML	
2022	MSC	Chillagoe Water	PWS	QG1.5	WA201	Maximum daily demand	0.6	ML/day	
2022	MSC	Chillagoe Water	PWS	QG1.22	WA224	Volume all water exported: internal and external	0	ML	
2022	MSC	Chillagoe Water	PWS	QG1.1	AS2	Length water mains	12.7	km	
2022	MSC	Chillagoe Water	PWS	QG1.4a	AS1	Number water treatment plants: providing full treatment	1	Count	
2022	MSC	Chillagoe Water	PWS	QG1.4b	AS47	Capacity of water treatment plants	0.5	ML/day	
2022	MSC	Chillagoe Water	PWS	QG1.7	AS48	Total potable water storage volume	0.5	ML	
2022	MSC	Chillagoe Water	PWS	QG4.5	AS8	Water main breaks per 100 km water main	0	per 100 km water main	
2022	MSC	Chillagoe Water	PWS	QG1.23	AS56	Volume water lost: potable water	27.5	ML	
2022	MSC	Chillagoe Water	PWS	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections	
2022	MSC	Chillagoe Water	PWS	QG4.12	CS10	Water service complaints per 1000 connections	57.9	per 1000 connections	
2022	MSC	Chillagoe Water	PWS	QG4.7	CS17	Average frequency unplanned interruptions: water	0	per 1000 connections	
2022	MSC	Chillagoe Water	PWS	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
2022	MSC	Chillagoe Water	PWS	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections	
2022	MSC	Chillagoe Water	PWS	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	57.9	per 1000 connections	
2022	MSC	Chillagoe Water	PWS	QG4.1(value)	PR3	Fixed charge: water value	757	\$/annum	
2022	MSC	Chillagoe Water	PWS	QG4.1(text)	PR5	Fixed charge: water description	Water Access	Text	
2022	MSC	Chillagoe Water	PWS	QG2.10a	WS11	Water restriction duration: PWCM	0	days	NR
2022	MSC	Chillagoe Water	PWS	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
2022	MSC	Chillagoe Water	PWS	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
2022	MSC	Chillagoe Water	PWS	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
2022	MSC	Chillagoe Water	PWS	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
2022	MSC	Chillagoe Water	PWS	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
2022	MSC	Chillagoe Water	PWS	QG2.3	WS3	Available contingency supplies	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Chillagoe Water	PWS	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
2022	MSC	Chillagoe Water	PWS	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	no	yes/no	Drought Management Plan or assessment is planned to be undertaken in the next 12 months.
2022	MSC	Chillagoe Water	PWS	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018)
2022	MSC	Chillagoe Water	PWS	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018)
2022	MSC	Chillagoe Water	PWS	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Chillagoe Water	PWS	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6	
2022	MSC	Chillagoe Water	PWS	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
2022	MSC	Chillagoe Water	PWS	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
2022	MSC	Dimbulah Water	PWS	QG1.13	CS2	Connected residential properties: water	0.186	000s	
2022	MSC	Dimbulah Water	PWS	QG1.14	CS3	Connected non-residential properties: water	0.048	000s	
2022	MSC	Dimbulah Water	PWS	QG1.8	WA1	Volume water sourced: surface water	146	ML	
2022	MSC	Dimbulah Water	PWS	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
2022	MSC	Dimbulah Water	PWS	QG1.21	WA223	Volume all water imported: internal and external	0	ML	
2022	MSC	Dimbulah Water	PWS	QG1.12	WA7	Volume water sourced: all	146	ML	
2022	MSC	Dimbulah Water	PWS	QG1.6a	WA225	Volume potable water produced at a water treatment plant	131.4	ML	
2022	MSC	Dimbulah Water	PWS	QG1.17a	WA32	Volume potable water supplied: residential	75	ML	
2022	MSC	Dimbulah Water	PWS	QG1.18a	WA34	Volume potable water supplied: non-residential	34.7	ML	
2022	MSC	Dimbulah Water	PWS	QG1.5	WA201	Maximum daily demand	1.1	ML/day	
2022	MSC	Dimbulah Water	PWS	QG1.22	WA224	Volume all water exported: internal and external	0	ML	
2022	MSC	Dimbulah Water	PWS	QG1.1	AS2	Length water mains	8.6	km	Data set was reviewed and cleaned up (including removal of duplicated and redundant lines) for the 2022 SWIM report, with the inclusions and exclusions clearly stated in the SWIM guidance document that Jacobs has developed for MSC (IW281700-JAC-MEM-WA-0001 - Mareeba Shire Council SWIM Compliance Reporting)
2022	MSC	Dimbulah Water	PWS	QG1.4a	AS1	Number water treatment plants: providing full treatment	1	Count	
2022	MSC	Dimbulah Water	PWS	QG1.4b	AS47	Capacity of water treatment plants	1.75	ML/day	
2022	MSC	Dimbulah Water	PWS	QG1.7	AS48	Total potable water storage volume	2	ML	
2022	MSC	Dimbulah Water	PWS	QG4.5	AS8	Water main breaks per 100 km water main	23.3	per 100 km water main	
2022	MSC	Dimbulah Water	PWS	QG1.23	AS56	Volume water lost: potable water	21	ML	
2022	MSC	Dimbulah Water	PWS	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections	
2022	MSC	Dimbulah Water	PWS	QG4.12	CS10	Water service complaints per 1000 connections	17.1	per 1000 connections	
2022	MSC	Dimbulah Water	PWS	QG4.7	CS17	Average frequency unplanned interruptions: water	0	per 1000 connections	
2022	MSC	Dimbulah Water	PWS	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
2022	MSC	Dimbulah Water	PWS	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections	
2022	MSC	Dimbulah Water	PWS	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	17.1	per 1000 connections	
2022	MSC	Dimbulah Water	PWS	QG4.1(value)	PR3	Fixed charge: water value	757	\$/annum	
2022	MSC	Dimbulah Water	PWS	QG4.1(text)	PR5	Fixed charge: water description	Water Access	Text	
2022	MSC	Dimbulah Water	PWS	QG2.10a	WS11	Water restriction duration: PWCM	0	days	NR
2022	MSC	Dimbulah Water	PWS	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
2022	MSC	Dimbulah Water	PWS	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
2022	MSC	Dimbulah Water	PWS	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
2022	MSC	Dimbulah Water	PWS	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
2022	MSC	Dimbulah Water	PWS	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
2022	MSC	Dimbulah Water	PWS	QG2.3	WS3	Available contingency supplies	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Dimbulah Water	PWS	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Dimbulah Water	PWS	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	no	yes/no	Drought Management Plan or assessment is planned to be undertaken in the next 12 months.
2022	MSC	Dimbulah Water	PWS	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018)
2022	MSC	Dimbulah Water	PWS	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018)
2022	MSC	Dimbulah Water	PWS	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Dimbulah Water	PWS	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6	
2022	MSC	Dimbulah Water	PWS	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
2022	MSC	Dimbulah Water	PWS	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
2022	MSC	Kuranda Water	PWS	QG1.13	CS2	Connected residential properties: water	0.903	000s	
2022	MSC	Kuranda Water	PWS	QG1.14	CS3	Connected non-residential properties: water	0.184	000s	
2022	MSC	Kuranda Water	PWS	QG1.8	WA1	Volume water sourced: surface water	443.9	ML	
2022	MSC	Kuranda Water	PWS	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
2022	MSC	Kuranda Water	PWS	QG1.21	WA223	Volume all water imported: internal and external	0	ML	
2022	MSC	Kuranda Water	PWS	QG1.12	WA7	Volume water sourced: all	443.9	ML	
2022	MSC	Kuranda Water	PWS	QG1.6a	WA225	Volume potable water produced at a water treatment plant	353.6	ML	
2022	MSC	Kuranda Water	PWS	QG1.17a	WA32	Volume potable water supplied: residential	230.9	ML	
2022	MSC	Kuranda Water	PWS	QG1.18a	WA34	Volume potable water supplied: non-residential	79.4	ML	
2022	MSC	Kuranda Water	PWS	QG1.5	WA201	Maximum daily demand	1.9	ML/day	
2022	MSC	Kuranda Water	PWS	QG1.22	WA224	Volume all water exported: internal and external	0	ML	
2022	MSC	Kuranda Water	PWS	QG1.1	AS2	Length water mains	42.7	km	
2022	MSC	Kuranda Water	PWS	QG1.4a	AS1	Number water treatment plants: providing full treatment	1	Count	
2022	MSC	Kuranda Water	PWS	QG1.4b	AS47	Capacity of water treatment plants	2.8	ML/day	
2022	MSC	Kuranda Water	PWS	QG1.7	AS48	Total potable water storage volume	3.636	ML	
2022	MSC	Kuranda Water	PWS	QG4.5	AS8	Water main breaks per 100 km water main	46.8	per 100 km water main	
2022	MSC	Kuranda Water	PWS	QG1.23	AS56	Volume water lost: potable water	41.6	ML	
2022	MSC	Kuranda Water	PWS	QG4.10	CS9	Water quality complaints per 1000 connections	0.9	per 1000 connections	
2022	MSC	Kuranda Water	PWS	QG4.12	CS10	Water service complaints per 1000 connections	23	per 1000 connections	
2022	MSC	Kuranda Water	PWS	QG4.7	CS17	Average frequency unplanned interruptions: water	0	per 1000 connections	
2022	MSC	Kuranda Water	PWS	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
2022	MSC	Kuranda Water	PWS	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0.9	per 1000 connections	
2022	MSC	Kuranda Water	PWS	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	24.8	per 1000 connections	
2022	MSC	Kuranda Water	PWS	QG4.1(value)	PR3	Fixed charge: water value	757	\$/annum	
2022	MSC	Kuranda Water	PWS	QG4.1(text)	PR5	Fixed charge: water description	Water Access	Text	
2022	MSC	Kuranda Water	PWS	QG2.10a	WS11	Water restriction duration: PWCM	0	days	NR
2022	MSC	Kuranda Water	PWS	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
2022	MSC	Kuranda Water	PWS	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
2022	MSC	Kuranda Water	PWS	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
2022	MSC	Kuranda Water	PWS	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
2022	MSC	Kuranda Water	PWS	QG2.10f	WS16	Water restriction duration: Level 5	0	days	

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Kuranda Water	PWS	QG2.3	WS3	Available contingency supplies	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Kuranda Water	PWS	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
2022	MSC	Kuranda Water	PWS	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	no	yes/no	Drought Management Plan or assessment is planned to be undertaken in the next 12 months.
2022	MSC	Kuranda Water	PWS	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018)
2022	MSC	Kuranda Water	PWS	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018)
2022	MSC	Kuranda Water	PWS	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Kuranda Water	PWS	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6	
2022	MSC	Kuranda Water	PWS	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
2022	MSC	Kuranda Water	PWS	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
2022	MSC	Kuranda WWTP	SS	QG1.15	CS6	Connected residential properties: sewerage	0.201	000s	
2022	MSC	Kuranda WWTP	SS	QG1.16	CS7	Connected non-residential properties: sewerage	0.17	000s	Value reported in 2021 was an error, as this should have been 170.
2022	MSC	Kuranda WWTP	SS	QG1.3	AS4	Number sewage treatment plants	1	Count	
2022	MSC	Kuranda WWTP	SS	QG1.2	AS5	Length sewerage mains and channels	20.9	km	
2022	MSC	Kuranda WWTP	SS	QG4.6	AS39	Sewerage mains breaks/chokes per 100 km sewer main	19.2	per 100 km sewer mains	
2022	MSC	Kuranda WWTP	SS	QG4.13	CS11	Sewerage service complaints per 1000 connections	18.9	per 1000 connections	
2022	MSC	Kuranda WWTP	SS	QG4.9a	CS65	Percent CSS response target met: sewerage incidents	100	%	
2022	MSC	Kuranda WWTP	SS	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	5.4	per 1000 connections	
2022	MSC	Kuranda WWTP	SS	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	24.3	per 1000 connections	
2022	MSC	Kuranda WWTP	SS	QG4.2(value)	PR31	Fixed charge: sewerage value	946	\$/annum	
2022	MSC	Kuranda WWTP	SS	QG4.2(text)	PR40	Fixed charge: sewerage description	Fixed charge for Kur R residential & Non-Residential	Text	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.13	CS2	Connected residential properties: water	5.062	000s	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.14	CS3	Connected non-residential properties: water	0.64	000s	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.15	CS6	Connected residential properties: sewerage	3.628	000s	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.16	CS7	Connected non-residential properties: sewerage	0.491	000s	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.8	WA1	Volume water sourced: surface water	3159.9	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.21	WA223	Volume all water imported: internal and external	0	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.12	WA7	Volume water sourced: all	3273.3	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	#N/A	WA20	#N/A	NR	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.11	WA26	Volume recycled sewage supplied: all	NR	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.6a	WA225	Volume potable water produced at a water treatment plant	3311.6	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.17a	WA32	Volume potable water supplied: residential	1890.7	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.18a	WA34	Volume potable water supplied: non-residential	816.9	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.17b	WA91	Volume raw-PT water supplied: residential	38.6	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.18b	WA92	Volume raw-PT water supplied: non-residential	4.4	ML	

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.5	WA201	Maximum daily demand	20	ML/day	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.22	WA224	Volume all water exported: internal and external	0	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.1	AS2	Length water mains	233.6	km	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.4a	AS1	Number water treatment plants: providing full treatment	4	Count	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.4b	AS47	Capacity of water treatment plants	24.95	ML/day	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.7	AS48	Total potable water storage volume	26.826	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.3	AS4	Number sewage treatment plants	2	Count	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.2	AS5	Length sewerage mains and channels	141.2	km	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.5	AS8	Water main breaks per 100 km water main	24.8	per 100 km water main	CSS target is 25, thus this is meeting CSS target
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.23	AS56	Volume water lost: potable water	587.5	ML	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.6	AS39	Sewerage mains breaks/chokes per 100 km sewer main	24.1	per 100 km sewer mains	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.13	CS11	Sewerage service complaints per 1000 connections	13.8	per 1000 connections	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.9a	CS65	Percent CSS response target met: sewerage incidents	100	%	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.10	CS9	Water quality complaints per 1000 connections	0.2	per 1000 connections	CSS target is 10, thus this is meeting CSS target
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.12	CS10	Water service complaints per 1000 connections	17.5	per 1000 connections	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.7	CS17	Average frequency unplanned interruptions: water	0	per 1000 connections	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	1.4	per 1000 connections	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	29.1	per 1000 connections	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.9	FN1	Revenue: all (NPR) water	11059.539	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.10	FN2	Revenue: all (NPR) sewerage	6117.455	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.5	FN9	Nominal written down replacement cost: fixed water assets	37903.316	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.6	FN10	Nominal written down replacement cost: fixed sewerage assets	31032.044	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.7	FN74	Current replacement costs: fixed water assets	74846.337	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.8	FN75	Current replacement costs: fixed sewerage assets	59540.959	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.11a	FN32	Costs: operating water (NPR)	4268.108	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.11	FN11	Costs: operating water per connection	748.53	\$/connection	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.13	FN76	Costs: maintenance water	1118.348	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.21	FN49	Costs: any other water	0	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.12a	FN33	Costs: operating sewerage	3357.678	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.12	FN12	Costs: operating sewerage per connection	815.17	\$/connection	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.14	FN77	Costs: maintenance sewerage	571.059	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.22	FN50	Costs: any other sewerage	0	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.15	FN78	Current cost depreciation: water	1342.556	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.16	FN79	Current cost depreciation: sewerage	1560.287	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.17	FN80	Previous 5 year average annual renewals expenditure: water	1103.129	\$,000	Increase in renewals expenditure in FY22
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.18	FN81	Previous 5 year average annual renewals expenditure: sewerage	1983.643	\$,000	Removed capital expenditure from previous years
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.19	FN82	Forecast 5 year average annual renewals expenditure: water	5470	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.20	FN83	Forecast 5 year average annual renewals expenditure: sewerage	3146	\$,000	Previous value (2021) should have been 2357
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.1	FN14	Capital expenditure: water supply	10230.529	\$,000	Added capital expenditure that was previously captured under Renewals

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.2	FN15	Capital expenditure: sewerage	12621.28	\$,000	Added capital expenditure that was previously captured under Renewals
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.3	FN26	Capital works grants: water	1629.688	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG3.4	FN27	Capital works grants: sewerage	1395.713	\$,000	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.1(value)	PR3	Fixed charge: water value	757	\$/annum	Council increased the water access charge (https://msc.qld.gov.au/news/council-delivers-fiscally-responsible-budget-2021-22/)
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.1(text)	PR5	Fixed charge: water description	Water Access	Text	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.2(value)	PR31	Fixed charge: sewerage value	946	\$/annum	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.2(text)	PR40	Fixed charge: sewerage description	Fixed charge for Mar Residential & Non-Residential	Text	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.3	PR47	Annual bill based on 200kL/a: water+sewerage	1854.96	\$	Mareeba Shire Council increased the annual water access charge from \$561 with \$196 to \$757 as per this Council announcement (https://msc.qld.gov.au/news/council-delivers-fiscally-responsible-budget-2021-22/)
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG4.4	PR48	Typical residential bill: water+sewerage	1871.72	\$	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG1.20	WF1	Total full-time equivalent water+sewerage employees	22	FTEs	20 fulltime employees 2 employees that are part of the Infrastructure Department, but spend approx 30% of their time to provide supporting services to Water and Wastewater.
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.10a	WS11	Water restriction duration: PWCM	0	days	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.3	WS3	Available contingency supplies	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	no	yes/no	Drought Management Plan or assessment is planned to be undertaken in the next 12 months.
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018) for all schemes except for Mt Molloy
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018) for all schemes except for Mt Molloy Also the Mareeba Water Supply System Water Demand Issues Papier covers constraints.
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6	Water sourced from Barron River and Tinnaroo Dam (88.4% full as per https://storagelevels.sunwater.com.au/win/reports/win_storages.htm) with no major changes in consumption predicted.

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	Water sourced from Barron River and Tinnaroo Dam (88.4% full as per https://storagelevels.sunwater.com.au/win/reports/win_storages.htm) with no major changes in consumption predicted over the next 18 months.
2022	MSC	Mareeba Shire Council WSP-wide	WSP	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	Water sourced from Barron River and Tinnaroo Dam (88.4% full as per https://storagelevels.sunwater.com.au/win/reports/win_storages.htm) with no major changes in consumption predicted over the next 5 years.
2022	MSC	Mareeba Water	PWS	QG1.13	CS2	Connected residential properties: water	3.78	000s	
2022	MSC	Mareeba Water	PWS	QG1.14	CS3	Connected non-residential properties: water	0.37	000s	
2022	MSC	Mareeba Water	PWS	QG1.8	WA1	Volume water sourced: surface water	2513.8	ML	
2022	MSC	Mareeba Water	PWS	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
2022	MSC	Mareeba Water	PWS	QG1.21	WA223	Volume all water imported: internal and external	0	ML	
2022	MSC	Mareeba Water	PWS	QG1.12	WA7	Volume water sourced: all	2513.8	ML	
2022	MSC	Mareeba Water	PWS	QG1.6a	WA225	Volume potable water produced at a water treatment plant	2700.3	ML	It is noted that volume water produced is higher than volume water sourced. These values are based on data provided by the WTP and has been flagged with Mareeba plant Operations.
2022	MSC	Mareeba Water	PWS	QG1.17a	WA32	Volume potable water supplied: residential	1553.7	ML	
2022	MSC	Mareeba Water	PWS	QG1.18a	WA34	Volume potable water supplied: non-residential	635.7	ML	
2022	MSC	Mareeba Water	PWS	QG1.5	WA201	Maximum daily demand	16.2	ML/day	
2022	MSC	Mareeba Water	PWS	QG1.22	WA224	Volume all water exported: internal and external	0	ML	
2022	MSC	Mareeba Water	PWS	QG1.1	AS2	Length water mains	156.9	km	
2022	MSC	Mareeba Water	PWS	QG1.4a	AS1	Number water treatment plants: providing full treatment	1	Count	
2022	MSC	Mareeba Water	PWS	QG1.4b	AS47	Capacity of water treatment plants	19.9	ML/day	
2022	MSC	Mareeba Water	PWS	QG1.7	AS48	Total potable water storage volume	20.69	ML	
2022	MSC	Mareeba Water	PWS	QG4.5	AS8	Water main breaks per 100 km water main	22.9	per 100 km water main	
2022	MSC	Mareeba Water	PWS	QG1.23	AS56	Volume water lost: potable water	497.4	ML	
2022	MSC	Mareeba Water	PWS	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections	
2022	MSC	Mareeba Water	PWS	QG4.12	CS10	Water service complaints per 1000 connections	13.3	per 1000 connections	
2022	MSC	Mareeba Water	PWS	QG4.7	CS17	Average frequency unplanned interruptions: water	0	per 1000 connections	
2022	MSC	Mareeba Water	PWS	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
2022	MSC	Mareeba Water	PWS	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	1.2	per 1000 connections	
2022	MSC	Mareeba Water	PWS	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	14.5	per 1000 connections	
2022	MSC	Mareeba Water	PWS	QG4.1(value)	PR3	Fixed charge: water value	757	\$/annum	
2022	MSC	Mareeba Water	PWS	QG4.1(text)	PR5	Fixed charge: water description	Water Access	Text	
2022	MSC	Mareeba Water	PWS	QG2.10a	WS11	Water restriction duration: PWCM	0	days	NR
2022	MSC	Mareeba Water	PWS	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
2022	MSC	Mareeba Water	PWS	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
2022	MSC	Mareeba Water	PWS	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
2022	MSC	Mareeba Water	PWS	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
2022	MSC	Mareeba Water	PWS	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
2022	MSC	Mareeba Water	PWS	QG2.3	WS3	Available contingency supplies	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Mareeba Water	PWS	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
2022	MSC	Mareeba Water	PWS	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	no	yes/no	Drought Management Plan or assessment is planned to be undertaken in the next 12 months.
2022	MSC	Mareeba Water	PWS	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018)
2022	MSC	Mareeba Water	PWS	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	MSC Local Government Infrastructure Plan (June 2018)
2022	MSC	Mareeba Water	PWS	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Mareeba Water	PWS	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6	
2022	MSC	Mareeba Water	PWS	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
2022	MSC	Mareeba Water	PWS	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
2022	MSC	Mareeba WWTP	SS	QG1.15	CS6	Connected residential properties: sewerage	3.427	000s	
2022	MSC	Mareeba WWTP	SS	QG1.16	CS7	Connected non-residential properties: sewerage	0.321	000s	
2022	MSC	Mareeba WWTP	SS	QG1.3	AS4	Number sewage treatment plants	1	Count	
2022	MSC	Mareeba WWTP	SS	QG1.2	AS5	Length sewerage mains and channels	120.3	km	
2022	MSC	Mareeba WWTP	SS	QG4.6	AS39	Sewerage mains breaks/chokes per 100 km sewer main	24.9	per 100 km sewer mains	
2022	MSC	Mareeba WWTP	SS	QG4.13	CS11	Sewerage service complaints per 1000 connections	13.3	per 1000 connections	
2022	MSC	Mareeba WWTP	SS	QG4.9a	CS65	Percent CSS response target met: sewerage incidents	100	%	
2022	MSC	Mareeba WWTP	SS	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections	
2022	MSC	Mareeba WWTP	SS	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	13.3	per 1000 connections	
2022	MSC	Mareeba WWTP	SS	QG4.2(value)	PR31	Fixed charge: sewerage value	946	\$/annum	
2022	MSC	Mareeba WWTP	SS	QG4.2(text)	PR40	Fixed charge: sewerage description	Fixed charge for Mar Residential & Non-Residential	Text	
2022	MSC	Mt Molloy Water	RPTWS	QG1.13	CS2	Connected residential properties: water	0.095	000s	
2022	MSC	Mt Molloy Water	RPTWS	QG1.14	CS3	Connected non-residential properties: water	0.015	000s	
2022	MSC	Mt Molloy Water	RPTWS	QG1.8	WA1	Volume water sourced: surface water	56.3	ML	It is noted that volume of water sourced from surface water exceeds the volume of water sourced from all sources. This is because of the formula for WA223, which includes the subtraction of WA197 (6.5ML), returning water to surface water source.
2022	MSC	Mt Molloy Water	RPTWS	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
2022	MSC	Mt Molloy Water	RPTWS	QG1.21	WA223	Volume all water imported: internal and external	0	ML	
2022	MSC	Mt Molloy Water	RPTWS	QG1.12	WA7	Volume water sourced: all	49.8	ML	
2022	MSC	Mt Molloy Water	RPTWS	QG1.17b	WA91	Volume raw-PT water supplied: residential	38.6	ML	
2022	MSC	Mt Molloy Water	RPTWS	QG1.18b	WA92	Volume raw-PT water supplied: non-residential	4.4	ML	
2022	MSC	Mt Molloy Water	RPTWS	QG1.5	WA201	Maximum daily demand	0.2	ML/day	
2022	MSC	Mt Molloy Water	RPTWS	QG1.22	WA224	Volume all water exported: internal and external	0	ML	
2022	MSC	Mt Molloy Water	RPTWS	QG1.1	AS2	Length water mains	12.7	km	
2022	MSC	Mt Molloy Water	RPTWS	QG4.5	AS8	Water main breaks per 100 km water main	0	per 100 km water main	
2022	MSC	Mt Molloy Water	RPTWS	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections	
2022	MSC	Mt Molloy Water	RPTWS	QG4.12	CS10	Water service complaints per 1000 connections	81.8	per 1000 connections	

2021-2022 SWIM REPORT

year	organisation	scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
2022	MSC	Mt Molloy Water	RPTWS	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
2022	MSC	Mt Molloy Water	RPTWS	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections	
2022	MSC	Mt Molloy Water	RPTWS	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	81.8	per 1000 connections	
2022	MSC	Mt Molloy Water	RPTWS	QG4.1(value)	PR3	Fixed charge: water value	696	\$/annum	
2022	MSC	Mt Molloy Water	RPTWS	QG4.1(text)	PR5	Fixed charge: water description	Water Access	Text	
2022	MSC	Mt Molloy Water	RPTWS	QG2.10a	WS11	Water restriction duration: PWCM	0	days	NR
2022	MSC	Mt Molloy Water	RPTWS	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
2022	MSC	Mt Molloy Water	RPTWS	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
2022	MSC	Mt Molloy Water	RPTWS	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
2022	MSC	Mt Molloy Water	RPTWS	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
2022	MSC	Mt Molloy Water	RPTWS	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
2022	MSC	Mt Molloy Water	RPTWS	QG2.3	WS3	Available contingency supplies	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Mt Molloy Water	RPTWS	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
2022	MSC	Mt Molloy Water	RPTWS	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	no	yes/no	Drought Management Plan or assessment is planned to be undertaken in the next 12 months.
2022	MSC	Mt Molloy Water	RPTWS	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	no	yes/no	Not deemed necessary as scheme is non-potable
2022	MSC	Mt Molloy Water	RPTWS	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	no	yes/no	Not deemed necessary as scheme is non-potable
2022	MSC	Mt Molloy Water	RPTWS	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	no	yes/no	This will be covered in the DMP, which is planned to be developed in the next 12 months.
2022	MSC	Mt Molloy Water	RPTWS	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6	
2022	MSC	Mt Molloy Water	RPTWS	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
2022	MSC	Mt Molloy Water	RPTWS	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	

Definitions:

- MSC Mareeba Shire Council
- PWS Potable water scheme
- RPTWS Raw-Partially treated water scheme
- SS Sewerage scheme
- WSP Water Supply Provider