

Bulloo Shire Council

2022-2023 Drinking Water Quality Management Key Performance Indicators (KPI's)

Scheme	Scheme Type	KPI Code	Swim Code	Indicator Title	Value	Units	Comments
Thargomindah Water	Potable water scheme	QG1.4a	AS1	Number water treatment plants: providing full treatment	0	Count	
Thargomindah Water	Potable water scheme	QG1.1	AS2	Length water mains	7.8	km	
Thargomindah Water	Potable water scheme	QG1.4b	AS47	Capacity of water treatment plants	NR	ML/day	
Thargomindah Water	Potable water scheme	QG1.7	AS48	Total potable water storage volume	1.5	ML	3 x .5ML storage tanks have been installed to assist with cooling water.
Thargomindah Water	Potable water scheme	QG1.23	AS56	Volume water lost: potable water	8.7	ML	
Thargomindah Water	Potable water scheme	QG4.5	AS8	Water main breaks per 100 km water main	25.6	per 100 km water main	
Thargomindah Water	Potable water scheme	QG4.12	CS10	Water service complaints per 1000 connections	0	per 1000 connections	
Thargomindah Water	Potable water scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections	
Thargomindah Water	Potable water scheme	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections	
Thargomindah Water	Potable water scheme	QG4.7	CS17	Average frequency unplanned interruptions: water	0	per 1000 connections	
Thargomindah Water	Potable water scheme	QG1.13	CS2	Connected residential properties: water	0.126	000s	
Thargomindah Water	Potable water scheme	QG1.14	CS3	Connected non-residential properties: water	0.072	000s	
Thargomindah Water	Potable water scheme	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
Thargomindah Water	Potable water scheme	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections	
Thargomindah Water	Potable water scheme	QG4.1	PR3	Fixed charge: water value	531.76	\$/annum	
Thargomindah Water	Potable water scheme	QG4.1	PR5	Fixed charge: water description	Per dwelling - unlimited supply	Text	
Thargomindah Water	Potable water scheme	QG1.8	WA1	Volume water sourced: surface water	NR	ML	
Thargomindah Water	Potable water scheme	QG1.9a	WA2	Volume water sourced: groundwater	249.4	ML	
Thargomindah Water	Potable water scheme	QG1.5	WA201	Maximum daily demand	1.6	ML/day	
Thargomindah Water	Potable water scheme	QG1.21	WA223	Volume all water imported: internal and external	NR	ML	
Thargomindah Water	Potable water scheme	QG1.22	WA224	Volume all water exported: internal and external	NR	ML	
Thargomindah Water	Potable water scheme	QG1.6a	WA225	Volume potable water produced at a water treatment plant	NR	ML	
Thargomindah Water	Potable water scheme	QG1.17a	WA32	Volume potable water supplied: residential	182.1	ML	
Thargomindah Water	Potable water scheme	QG1.18a	WA34	Volume potable water supplied: non-residential	57.4	ML	
Thargomindah Water	Potable water scheme	QG1.10	WA61	Volume water sourced: desalination marine water	NR	ML	
Thargomindah Water	Potable water scheme	QG1.12	WA7	Volume water sourced: all	249.4	ML	
Thargomindah Water	Potable water scheme	QG2.10a	WS11	Water restriction duration: PWCM	0	days	
Thargomindah Water	Potable water scheme	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
Thargomindah Water	Potable water scheme	QG2.10c	WS13	Water restriction duration: Level 2	0	days	

Thargomindah Water	Potable water scheme	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
Thargomindah Water	Potable water scheme	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
Thargomindah Water	Potable water scheme	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
Thargomindah Water	Potable water scheme	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
Thargomindah Water	Potable water scheme	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	yes	yes/no	
Thargomindah Water	Potable water scheme	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	
Thargomindah Water	Potable water scheme	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	
Thargomindah Water	Potable water scheme	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	yes	yes/no	
Thargomindah Water	Potable water scheme	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6	
Thargomindah Water	Potable water scheme	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
Thargomindah Water	Potable water scheme	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
Thargomindah Water	Potable water scheme	QG2.3	WS3	Available contingency supplies	yes	yes/no	
Hungerford Raw	Raw-Partially treated water scheme	QG1.1	AS2	Length water mains	3	km	
Hungerford Raw	Raw-Partially treated water scheme	QG4.5	AS8	Water main breaks per 100 km water main	0	per 100 km water main	
Hungerford Raw	Raw-Partially treated water scheme	QG4.12	CS10	Water service complaints per 1000 connections	0	per 1000 connections	
Hungerford Raw	Raw-Partially treated water scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections	
Hungerford Raw	Raw-Partially treated water scheme	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections	
Hungerford Raw	Raw-Partially treated water scheme	QG1.13	CS2	Connected residential properties: water	0.026	000s	errors were identified and corrected in the Rating system
Hungerford Raw	Raw-Partially treated water scheme	QG1.14	CS3	Connected non-residential properties: water	0.01	000s	errors were identified and corrected in the Rating system
Hungerford Raw	Raw-Partially treated water scheme	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
Hungerford Raw	Raw-Partially treated water scheme	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections	
Hungerford Raw	Raw-Partially treated water scheme	QG4.1	PR3	Fixed charge: water value	480.44	\$/annum	
Hungerford Raw	Raw-Partially treated water scheme	QG4.1	PR5	Fixed charge: water description	Per dwelling - unlimited supply	Text	

Hungerford Raw	Raw-Partially treated water scheme	QG1.8	WA1	Volume water sourced: surface water	6.4	ML	
Hungerford Raw	Raw-Partially treated water scheme	QG1.9a	WA2	Volume water sourced: groundwater	2.4	ML	
Hungerford Raw	Raw-Partially treated water scheme	QG1.5	WA201	Maximum daily demand	0.1	ML/day	
Hungerford Raw	Raw-Partially treated water scheme	QG1.21	WA223	Volume all water imported: internal and external	NR	ML	
Hungerford Raw	Raw-Partially treated water scheme	QG1.22	WA224	Volume all water exported: internal and external	NR	ML	
Hungerford Raw	Raw-Partially treated water scheme	QG1.10	WA61	Volume water sourced: desalination marine water	NR	ML	
Hungerford Raw	Raw-Partially treated water scheme	QG1.12	WA7	Volume water sourced: all	8.7	ML	
Hungerford Raw	Raw-Partially treated water scheme	QG1.17b	WA91	Volume raw-PT water supplied: residential	6.1	ML	
Hungerford Raw	Raw-Partially treated water scheme	QG1.18b	WA92	Volume raw-PT water supplied: non-residential	2.4	ML	
Hungerford Raw	Raw-Partially treated water scheme	QG2.10a	WS11	Water restriction duration: PWCM	0	days	
Hungerford Raw	Raw-Partially treated water scheme	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
Hungerford Raw	Raw-Partially treated water scheme	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
Hungerford Raw	Raw-Partially treated water scheme	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
Hungerford Raw	Raw-Partially treated water scheme	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
Hungerford Raw	Raw-Partially treated water scheme	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
Hungerford Raw	Raw-Partially treated water scheme	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
Hungerford Raw	Raw-Partially treated water scheme	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	yes	yes/no	
Hungerford Raw	Raw-Partially treated water scheme	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	
Hungerford Raw	Raw-Partially treated water scheme	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	
Hungerford Raw	Raw-Partially treated water scheme	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	yes	yes/no	
Hungerford Raw	Raw-Partially treated water scheme	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6	
Hungerford Raw	Raw-Partially treated water scheme	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
Hungerford Raw	Raw-Partially treated water scheme	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
Hungerford Raw	Raw-Partially treated water scheme	QG2.3	WS3	Available contingency supplies	yes	yes/no	

Thargomindah Sewerage	Sewerage scheme	QG4.6	AS39	Sewerage mains breaks/chokes per 100 km sewer main	0	per 100 km sewer mains	
Thargomindah Sewerage	Sewerage scheme	QG1.3	AS4	Number sewage treatment plants	1	Count	
Thargomindah Sewerage	Sewerage scheme	QG1.2	AS5	Length sewerage mains and channels	8.3	km	
Thargomindah Sewerage	Sewerage scheme	QG4.13	CS11	Sewerage service complaints per 1000 connections	0	per 1000 connections	
Thargomindah Sewerage	Sewerage scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections	
Thargomindah Sewerage	Sewerage scheme	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections	
Thargomindah Sewerage	Sewerage scheme	QG1.15	CS6	Connected residential properties: sewerage	0.105	000s	
Thargomindah Sewerage	Sewerage scheme	QG4.9a	CS65	Percent CSS response target met: sewerage incidents	100	%	
Thargomindah Sewerage	Sewerage scheme	QG1.16	CS7	Connected non-residential properties: sewerage	0.042	000s	
Thargomindah Sewerage	Sewerage scheme	QG4.2	PR31	Fixed charge: sewerage value	517.86	\$/annum	
Thargomindah Sewerage	Sewerage scheme	QG4.2	PR40	Fixed charge: sewerage description	Per dwelling	Text	
Bulloo Shire Council WSP wide	WSP	QG1.4a	AS1	Number water treatment plants: providing full treatment	0	Count	
Bulloo Shire Council WSP wide	WSP	QG1.1	AS2	Length water mains	10.8	km	
Bulloo Shire Council WSP wide	WSP	QG4.6	AS39	Sewerage mains breaks/chokes per 100 km sewer main	0	per 100 km sewer mains	
Bulloo Shire Council WSP wide	WSP	QG1.3	AS4	Number sewage treatment plants	1	Count	
Bulloo Shire Council WSP wide	WSP	QG1.4b	AS47	Capacity of water treatment plants	0	ML/day	
Bulloo Shire Council WSP wide	WSP	QG1.7	AS48	Total potable water storage volume	1.5	ML	3 x 0.5ML storage tanks were installed in 2021 to assist with cooling water
Bulloo Shire Council WSP wide	WSP	QG1.2	AS5	Length sewerage mains and channels	8.3	km	
Bulloo Shire Council WSP wide	WSP	QG1.23	AS56	Volume water lost: potable water	8.7	ML	
Bulloo Shire Council WSP wide	WSP	QG4.5	AS8	Water main breaks per 100 km water main	18.5	per 100 km water main	
Bulloo Shire Council WSP wide	WSP	QG4.12	CS10	Water service complaints per 1000 connections	0	per 1000 connections	

Bulloo Shire Council WSP wide	WSP	QG4.13	CS11	Sewerage service complaints per 1000 connections	0	per 1000 connections	
Bulloo Shire Council WSP wide	WSP	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections	
Bulloo Shire Council WSP wide	WSP	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections	
Bulloo Shire Council WSP wide	WSP	QG4.7	CS17	Average frequency unplanned interruptions: water	0	per 1000 connections	
Bulloo Shire Council WSP wide	WSP	QG1.13	CS2	Connected residential properties: water	0.152	000s	errors were identified and corrected in the Rating system for Hungerford A new housing development in Thargomindah
Bulloo Shire Council WSP wide	WSP	QG1.14	CS3	Connected non-residential properties: water	0.082	000s	
Bulloo Shire Council WSP wide	WSP	QG1.15	CS6	Connected residential properties: sewerage	0.105	000s	
Bulloo Shire Council WSP wide	WSP	QG4.9a	CS65	Percent CSS response target met: sewerage incidents	100	%	
Bulloo Shire Council WSP wide	WSP	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%	
Bulloo Shire Council WSP wide	WSP	QG1.16	CS7	Connected non-residential properties: sewerage	0.042	000s	
Bulloo Shire Council WSP wide	WSP	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections	
Bulloo Shire Council WSP wide	WSP	QG3.9	FN1	Revenue: all (NPR) water	150.009	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.6	FN10	Nominal written down replacement cost: fixed sewerage assets	3189.862	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.11	FN11	Costs: operating water per connection	884.56	\$/connection	Reduction in management staff and operational staff
Bulloo Shire Council WSP wide	WSP	QG3.12	FN12	Costs: operating sewerage per connection	721.46	\$/connection	Incorrect value submitted in 2022. Correct final value of depreciation was 129.512 - this is as per the Bulloo Shire Financial Statement
Bulloo Shire Council WSP wide	WSP	QG3.1	FN14	Capital expenditure: water supply	223.574	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.2	FN15	Capital expenditure: sewerage	92.293	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.10	FN2	Revenue: all (NPR) sewerage	113.024	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.3	FN26	Capital works grants: water	0	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.4	FN27	Capital works grants: sewerage	0	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.11a	FN32	Costs: operating water (NPR)	206.987	\$,000	

Bulloo Shire Council WSP wide	WSP	QG3.12a	FN33	Costs: operating sewerage	106.054	\$,000	Incorrect value submitted in 2022, correct final value of depreciation was 129.512 - this is as per the Bulloo Shire Financial Statement
Bulloo Shire Council WSP wide	WSP	QG3.21	FN49	Costs: any other water	481.624	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.22	FN50	Costs: any other sewerage	221.189	\$,000	Depreciation + STP Design costs
Bulloo Shire Council WSP wide	WSP	QG3.7	FN74	Current replacement costs: fixed water assets	14681.831	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.8	FN75	Current replacement costs: fixed sewerage assets	5007.183	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.13	FN76	Costs: maintenance water	74.15	\$,000	Reduction in management and operational staff members
Bulloo Shire Council WSP wide	WSP	QG3.14	FN77	Costs: maintenance sewerage	201.679	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.15	FN78	Current cost depreciation: water	481.624	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.16	FN79	Current cost depreciation: sewerage	147.134	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.17	FN80	Previous 5 year average annual renewals expenditure: water	163.448	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.18	FN81	Previous 5 year average annual renewals expenditure: sewerage	127.95	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.19	FN82	Forecast 5 year average annual renewals expenditure: water	115.2	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.20	FN83	Forecast 5 year average annual renewals expenditure: sewerage	55.6	\$,000	
Bulloo Shire Council WSP wide	WSP	QG3.5	FN9	Nominal written down replacement cost: fixed water assets	10101.644	\$,000	
Bulloo Shire Council WSP wide	WSP	QG4.1	PR3	Fixed charge: water value	531.76	\$/annum	
Bulloo Shire Council WSP wide	WSP	QG4.2	PR31	Fixed charge: sewerage value	517.86	\$/annum	
Bulloo Shire Council WSP wide	WSP	QG4.2	PR40	Fixed charge: sewerage description	Per dwelling	Text	
Bulloo Shire Council WSP wide	WSP	QG4.3	PR47	Annual bill based on 200kL/a: water+sewerage	1049.62	\$	
Bulloo Shire Council WSP wide	WSP	QG4.4	PR48	Typical residential bill: water+sewerage	1049.62	\$	
Bulloo Shire Council WSP wide	WSP	QG4.1	PR5	Fixed charge: water description	Per dwelling - unlimited supply	Text	
Bulloo Shire Council WSP wide	WSP	QG1.8	WA1	Volume water sourced: surface water	6.4	ML	
Bulloo Shire Council WSP wide	WSP	QG1.9a	WA2	Volume water sourced: groundwater	251.8	ML	
Bulloo Shire Council WSP wide	WSP	QG1.5	WA201	Maximum daily demand	1.7	ML/day	
Bulloo Shire Council WSP wide	WSP	QG1.21	WA223	Volume all water imported: internal and external	0	ML	

Bulloo Shire Council WSP wide	WSP	QG1.22	WA224	Volume all water exported: internal and external	0	ML	
Bulloo Shire Council WSP wide	WSP	QG1.6a	WA225	Volume potable water produced at a water treatment plant	NR	ML	
Bulloo Shire Council WSP wide	WSP	QG1.11	WA26	Volume recycled sewage supplied: all	NR	ML	
Bulloo Shire Council WSP wide	WSP	QG1.17a	WA32	Volume potable water supplied: residential	182.1	ML	
Bulloo Shire Council WSP wide	WSP	QG1.18a	WA34	Volume potable water supplied: non-residential	57.4	ML	
Bulloo Shire Council WSP wide	WSP	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
Bulloo Shire Council WSP wide	WSP	QG1.12	WA7	Volume water sourced: all	258.1	ML	
Bulloo Shire Council WSP wide	WSP	QG1.17b	WA91	Volume raw-PT water supplied: residential	6.1	ML	
Bulloo Shire Council WSP wide	WSP	QG1.18b	WA92	Volume raw-PT water supplied: non-residential	2.4	ML	
Bulloo Shire Council WSP wide	WSP	QG1.20	WF1	Total full-time equivalent water+sewerage employees	3	FTEs	
Bulloo Shire Council WSP wide	WSP	QG2.10a	WS11	Water restriction duration: PWCM	0	days	
Bulloo Shire Council WSP wide	WSP	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
Bulloo Shire Council WSP wide	WSP	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
Bulloo Shire Council WSP wide	WSP	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
Bulloo Shire Council WSP wide	WSP	QG2.10e	WS15	Water restriction duration: Level 4	0	days	
Bulloo Shire Council WSP wide	WSP	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
Bulloo Shire Council WSP wide	WSP	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
Bulloo Shire Council WSP wide	WSP	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?	yes	yes/no	
Bulloo Shire Council WSP wide	WSP	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	
Bulloo 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	
Bulloo Shire Council WSP wide	WSP	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	yes	yes/no	
Bulloo 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	
Bulloo Shire Council WSP wide	WSP	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
Bulloo Shire Council WSP wide	WSP	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	

Bulloo Shire Council WSP wide	WSP	QG2.3	WS3	Available contingency supplies	yes	yes/no	
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