	1.			In the state of th		
scheme	scheme type	kpi code			value	units comments
CCWSS	Potable water scheme	QG1.4a	AS1	Number water treatment plants: providing full treatment	1	Count
MWSS	Potable water scheme	QG1.4a	AS1	Number water treatment plants: providing full treatment	1	Count
Livingstone SC WSP-wide	WSP	QG1.4a	AS1	Number water treatment plants: providing full treatment	2	Count
CCWSS	Potable water scheme	QG1.1	AS2	Length water mains	634.9	km
MWSS	Potable water scheme	QG1.1	AS2	Length water mains	7.5	km
OWSS	Raw-Partially treated water scheme	QG1.1	AS2	Length water mains	8.7	km
EPRWS	Recycled water scheme	QG1.1	AS2	Length water mains	1.6	km
YRWS	Recycled water scheme	QG1.1	AS2	Length water mains	34.6	km
Livingstone SC WSP-wide	WSP	QG1.1	AS2	Length water mains	687.4	km
EPSS	Sewerage scheme	QG4.6	AS39	Sewerage mains breaks/chokes per 100 km sewer main	2.8	per 100 km sewer mains
YSS	Sewerage scheme	QG4.6	AS39	Sewerage mains breaks/chokes per 100 km sewer main	4.9	per 100 km sewer mains
Livingstone SC WSP-wide	WSP	QG4.6	AS39	Sewerage mains breaks/chokes per 100 km sewer main	4.2	per 100 km sewer mains
EPSS	Sewerage scheme	QG1.3	AS4	Number sewage treatment plants	1	Count
YSS	Sewerage scheme	QG1.3	AS4	Number sewage treatment plants	1	Count
Livingstone SC WSP-wide	WSP	QG1.3	AS4	Number sewage treatment plants	2	Count
ccwss	Potable water scheme	QG1.4b	AS47	Capacity of water treatment plants	18	ML/day
MWSS	Potable water scheme	QG1.4b	AS47	Capacity of water treatment plants	0.1	ML/day
Livingstone SC WSP-wide	WSP	QG1.4b	AS47	Capacity of water treatment plants	18.1	ML/day Daily capacity of plants. Previous data was based on average daily production
CCWSS	Potable water scheme	QG1.7	AS48	Total potable water storage volume	45	ML .
MWSS	Potable water scheme	QG1.7	AS48	Total potable water storage volume	0.138	ML .
Livingstone SC WSP-wide	WSP	QG1.7	AS48	Total potable water storage volume		ML .
EPSS	Sewerage scheme	QG1.2	AS5	Length sewerage mains and channels		km s
YSS	Sewerage scheme	QG1.2	AS5	Length sewerage mains and channels	226	km s
Livingstone SC WSP-wide	WSP	QG1.2	AS5	Length sewerage mains and channels		km km
CCWSS	Potable water scheme	QG1.23	AS56	Volume water lost: potable water		ML L
MWSS	Potable water scheme	QG1.23	AS56	Volume water lost: potable water  Volume water lost: potable water		ML ML
Livingstone SC WSP-wide	WSP	QG1.23	AS56	Volume water lost: potable water  Volume water lost: potable water		ML ML
CCWSS	Potable water scheme	QG1.23 QG4.5	ASS6 AS8	Water main breaks per 100 km water main		per 100 km water main
MWSS	Potable water scheme	QG4.5 QG4.5	AS8	Water main breaks per 100 km water main		per 100 km water main
	Raw-Partially treated water scheme		AS8	'	0	
OWSS	<u>'</u>	QG4.5		Water main breaks per 100 km water main	0	per 100 km water main
EPRWS	Recycled water scheme	QG4.5	AS8	Water main breaks per 100 km water main	5.0	per 100 km water main
YRWS	Recycled water scheme	QG4.5	AS8	Water main breaks per 100 km water main	5.8	per 100 km water main
Livingstone SC WSP-wide	WSP	QG4.5	AS8	·		per 100 km water main
CCWSS	Potable water scheme	QG4.12	CS10		0.1	per 1000 connections
MWSS	Potable water scheme	QG4.12	CS10	, ,	17.9	per 1000 connections
OWSS	Raw-Partially treated water scheme	QG4.12	CS10	Water service complaints per 1000 connections	0	per 1000 connections
EPRWS	Recycled water scheme	QG4.12	CS10	Water service complaints per 1000 connections	0	per 1000 connections
YRWS	Recycled water scheme	QG4.12	CS10	Water service complaints per 1000 connections	0	per 1000 connections
Livingstone SC WSP-wide	WSP	QG4.12	CS10	Water service complaints per 1000 connections	0.1	per 1000 connections
EPSS	Sewerage scheme	QG4.13	CS11	Sewerage service complaints per 1000 connections	0	per 1000 connections
YSS	Sewerage scheme	QG4.13	CS11	Sewerage service complaints per 1000 connections	0	per 1000 connections
Livingstone SC WSP-wide	WSP	QG4.13	CS11	Sewerage service complaints per 1000 connections	0	per 1000 connections
CCWSS	Potable water scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections
MWSS	Potable water scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections
OWSS	Raw-Partially treated water scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections
EPRWS	Recycled water scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections
YRWS	Recycled water scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections
EPSS	Sewerage scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections
YSS	Sewerage scheme	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections		per 1000 connections
Livingstone SC WSP-wide	WSP	QG4.14	CS12	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections
ccwss	Potable water scheme	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections
MWSS	Potable water scheme	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	35.7	per 1000 connections
OWSS	Raw-Partially treated water scheme	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections
EPRWS	Recycled water scheme	QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections
YRWS	Recycled water scheme	QG4.11 QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections  Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections  per 1000 connections
EPSS	Sewerage scheme	QG4.11 QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections  Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections  per 1000 connections
YSS		QG4.11 QG4.11	CS13	· · · · · · · · · · · · · · · · · · ·	0	per 1000 connections  per 1000 connections
Livingstone SC WSP-wide	Sewerage scheme WSP	QG4.11 QG4.11	CS13	Water and sewerage complaints (all) per 1000 connections	2.9	per 1000 connections  per 1000 connections
-	Potable water scheme	QG4.11 QG4.7	CS13 CS17		133.9	
CCWSS		_	_	Average frequency unplanned interruptions: water		per 1000 connections
MWSS	Potable water scheme	QG4.7	CS17			per 1000 connections
Livingstone SC WSP-wide	WSP Detable water scheme	QG4.7	CS17	Average frequency unplanned interruptions: water	133.7	per 1000 connections
CCWSS	Potable water scheme	QG1.13	CS2	Connected residential properties: water		000s
MWSS	Potable water scheme	QG1.13	CS2	Connected residential properties: water		000s
OWSS	Raw-Partially treated water scheme	QG1.13	CS2	Connected residential properties: water		000s
EPRWS	Recycled water scheme	QG1.13	CS2	Connected residential properties: water		000s
YRWS	Recycled water scheme	QG1.13	CS2	Connected residential properties: water		000s
Livingstone SC WSP-wide	WSP	QG1.13	CS2	Connected residential properties: water		000s
CCWSS	Potable water scheme	QG1.14	CS3	Connected non-residential properties: water		000s
MWSS	Potable water scheme	QG1.14	CS3	Connected non-residential properties: water		000s
OWSS	Raw-Partially treated water scheme	QG1.14	CS3	Connected non-residential properties: water	0.005	000s
EPRWS	Recycled water scheme	QG1.14	CS3	Connected non-residential properties: water	0.002	000s
YRWS	Recycled water scheme	QG1.14	CS3	Connected non-residential properties: water	0.018	000s
Livingstone SC WSP-wide	WSP	QG1.14	CS3	Connected non-residential properties: water	0.606	000s
EPSS	Sewerage scheme	QG1.15	CS6	Connected residential properties: sewerage		000s
YSS	Sewerage scheme	QG1.15	CS6	Connected residential properties: sewerage		000s
Livingstone SC WSP-wide	WSP	QG1.15	CS6	Connected residential properties: sewerage		000s
EPSS	Sewerage scheme	QG4.9a	CS65	Percent CSS response target met: sewerage incidents	100	%
YSS	Sewerage scheme	QG4.9a	CS65	Percent CSS response target met: sewerage incidents	100	%
Livingstone SC WSP-wide	WSP	QG4.9a	CS65		100	%
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scheme	scheme type	•		indicator title		units comments
CCWSS	Potable water scheme	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%
MWSS	Potable water scheme	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%
OWSS	Raw-Partially treated water scheme	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%
Livingstone SC WSP-wide	WSP	QG4.8a	CS66	Percent CSS response target met: water incidents	100	%
EPSS	Sewerage scheme	QG1.16	CS7	Connected non-residential properties: sewerage		000s
YSS	Sewerage scheme	QG1.16	CS7	Connected non-residential properties: sewerage		000s
Livingstone SC WSP-wide	WSP	QG1.16	CS7	Connected non-residential properties: sewerage	0.399	000s
CCWSS	Potable water scheme	QG4.10	CS9	Water quality complaints per 1000 connections	2.7	per 1000 connections
MWSS	Potable water scheme	QG4.10	CS9	Water quality complaints per 1000 connections	17.9	per 1000 connections
OWSS	Raw-Partially treated water scheme	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections
EPRWS	Recycled water scheme	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections
YRWS	Recycled water scheme	QG4.10	CS9	Water quality complaints per 1000 connections	0	per 1000 connections
Livingstone SC WSP-wide	WSP	QG4.10	CS9	Water quality complaints per 1000 connections	2.8	per 1000 connections
Livingstone SC WSP-wide	WSP	QG3.9	FN1	Revenue: all (NPR) water	27619.874	\$,000
Livingstone SC WSP-wide	WSP	QG3.6	FN10	Nominal written down replacement cost: fixed sewerage assets	131978	\$,000
Livingstone SC WSP-wide	WSP	QG3.11	FN11	Costs: operating water per connection	738.47	\$/connection
Livingstone SC WSP-wide	WSP	QG3.12	FN12	Costs: operating sewerage per connection	534.4	\$/connection
Livingstone SC WSP-wide	WSP	QG3.1	FN14	Capital expenditure: water supply	1266.486	\$,000
Livingstone SC WSP-wide	WSP	QG3.2	FN15	Capital expenditure: sewerage	2273.694	\$,000
Livingstone SC WSP-wide	WSP	QG3.10	FN2	Revenue: all (NPR) sewerage	11802.151	\$,000
Livingstone SC WSP-wide	WSP	QG3.3	FN26	Capital works grants: water	252.25	\$,000
Livingstone SC WSP-wide	WSP	QG3.4	FN27	Capital works grants: sewerage	569.407	\$,000
Livingstone SC WSP-wide	WSP	QG3.11a	FN32	Costs: operating water (NPR)	10082.267	\$,000
Livingstone SC WSP-wide	WSP	QG3.11a	FN33	Costs: operating water (NFN)	5676.98	\$,000
Livingstone SC WSP-wide	WSP	QG3.21	FN49	Costs: any other water	0	\$,000
Livingstone SC WSP-wide	WSP	QG3.22	FN50	Costs: any other sewerage	0	\$,000
	WSP	QG3.22 QG3.7	FN74		321078	\$,000
Livingstone SC WSP-wide Livingstone SC WSP-wide	WSP	QG3.7 QG3.8	FN74 FN75	Current replacement costs: fixed water assets  Current replacement costs: fixed sewerage assets	173660	\$,000
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Livingstone SC WSP-wide	WSP	QG3.13	FN76	Costs: maintenance water	10082.267	\$,000
Livingstone SC WSP-wide	WSP	QG3.14	FN77	Costs: maintenance sewerage	5676.98	\$,000
Livingstone SC WSP-wide	WSP	QG3.15	FN78	Current cost depreciation: water	4337	\$,000
Livingstone SC WSP-wide	WSP	QG3.16	FN79	Current cost depreciation: sewerage	2739	\$,000
Livingstone SC WSP-wide	WSP	QG3.17	FN80	Previous 5 year average annual renewals expenditure: water		\$,000
Livingstone SC WSP-wide	WSP	QG3.18	FN81	Previous 5 year average annual renewals expenditure: sewerage	4938.71	\$,000
Livingstone SC WSP-wide	WSP	QG3.19	FN82	Forecast 5 year average annual renewals expenditure: water		\$,000
Livingstone SC WSP-wide	WSP	QG3.20	FN83	Forecast 5 year average annual renewals expenditure: sewerage	5022	\$,000
Livingstone SC WSP-wide	WSP	QG3.5	FN9	Nominal written down replacement cost: fixed water assets	195800	\$,000
CCWSS	Potable water scheme	QG4.1(value)	PR3	Fixed charge: water value	679	\$/annum
MWSS	Potable water scheme	QG4.1(value)	PR3	Fixed charge: water value	468	\$/annum
OWSS	Raw-Partially treated water scheme	QG4.1(value)	PR3	Fixed charge: water value	393	\$/annum
EPRWS	Recycled water scheme	QG4.1(value)	PR3	Fixed charge: water value	NR	\$/annum
YRWS	Recycled water scheme	QG4.1(value)	PR3	Fixed charge: water value	NR	\$/annum
Livingstone SC WSP-wide	WSP	QG4.1(value)	PR3	Fixed charge: water value	679	\$/annum
EPSS	Sewerage scheme	QG4.2(value)		Fixed charge: sewerage value	829	\$/annum
YSS	Sewerage scheme		PR31	Fixed charge: sewerage value	829	\$/annum
Livingstone SC WSP-wide	WSP		PR31	Fixed charge: sewerage value	829	\$/annum
EPSS	Sewerage scheme	QG4.2(text)	PR40	Fixed charge: sewerage description	Sewerage Private Res	Text
YSS	Sewerage scheme	QG4.2(text)		Fixed charge: sewerage description	Sewerage Private Res	Text
Livingstone SC WSP-wide	WSP		PR40	Fixed charge: sewerage description	Sewerage Private Res	Text
Livingstone SC WSP-wide	WSP	QG4.3	PR47	Annual bill based on 200kL/a: water+sewerage	1657	\$
Livingstone SC WSP-wide	WSP	QG4.4	PR48	Typical residential bill: water+sewerage	1523	<u>*</u>
CCWSS	Potable water scheme	QG4.1(text)	PR5	Fixed charge: water description	Water Access Charge 20mm	Text
MWSS	Potable water scheme	QG4.1(text)	PR5	Fixed charge: water description	Water Access Charge 20mm	Text
OWSS	Raw-Partially treated water scheme		PR5			Text
EPRWS	Recycled water scheme	QG4.1(text) QG4.1(text)	PR5	Fixed charge: water description	Water Access Charge 20mm per meter or per lot as appropriate	Text Text
YRWS	'		PR5	Fixed charge: water description		
	Recycled water scheme	QG4.1(text)		Fixed charge: water description	per meter or per lot as appropriate	Text Tout
Livingstone SC WSP-wide	WSP Potable water schome	QG4.1(text)	PR5	Fixed charge: water description	Water Access Charge 20mm	Text MI
CCWSS	Potable water scheme	QG1.8	WA1	Volume water sourced: surface water		ML ML
MWSS	Potable water scheme	QG1.8	WA1	Volume water sourced: surface water		ML Address of the second of th
OWSS	Raw-Partially treated water scheme	QG1.8	WA1	Volume water sourced: surface water		ML
Livingstone SC WSP-wide	WSP	QG1.8	WA1	Volume water sourced: surface water	3524.3	ML
CCWSS	Potable water scheme	QG1.9a	WA2	Volume water sourced: groundwater		ML .
MWSS		QG1.9a	WA2	Volume water sourced: groundwater	27.9	ML
OWSS	Potable water scheme	_				
	Raw-Partially treated water scheme	QG1.9a	WA2	Volume water sourced: groundwater		ML .
Livingstone SC WSP-wide	Raw-Partially treated water scheme WSP	QG1.9a QG1.9a	WA2 WA2	Volume water sourced: groundwater	27.9	ML
Livingstone SC WSP-wide CCWSS	Raw-Partially treated water scheme	QG1.9a	WA2		27.9 31	ML         ML           ML         ML/day
Livingstone SC WSP-wide CCWSS MWSS	Raw-Partially treated water scheme WSP	QG1.9a QG1.9a QG1.5 QG1.5	WA2 WA2	Volume water sourced: groundwater	27.9 31 0.1	ML         ML           ML/day         ML/day           ML/day         ML/day
Livingstone SC WSP-wide CCWSS	Raw-Partially treated water scheme WSP Potable water scheme	QG1.9a QG1.9a QG1.5	WA2 WA2 WA201	Volume water sourced: groundwater Maximum daily demand	27.9 31 0.1	ML         ML           ML         ML/day
Livingstone SC WSP-wide CCWSS MWSS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme	QG1.9a QG1.9a QG1.5 QG1.5	WA2 WA2 WA201 WA201	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand	27.9 31 0.1 NR	ML         ML           ML/day         ML/day           ML/day         ML/day
Livingstone SC WSP-wide CCWSS MWSS OWSS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5	WA2 WA2 WA201 WA201 WA201	Volume water sourced: groundwater Maximum daily demand Maximum daily demand Maximum daily demand	27.9 31 0.1 NR 31.2	ML           ML           ML/day           ML/day           ML/day           ML/day
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5	WA2 WA201 WA201 WA201 WA201	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand	27.9 31 0.1 NR 31.2 3446.1	ML           ML           ML/day           ML/day           ML/day           ML/day           ML/day
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide CCWSS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP Potable water scheme	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5 QG1.5	WA2 WA201 WA201 WA201 WA201 WA201 WA223	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand  Volume all water imported: internal and external	27.9 31 0.1 NR 31.2 3446.1	ML         ML           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide CCWSS MWSS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Potable water scheme	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5 QG1.5 QG1.21	WA2 WA201 WA201 WA201 WA201 WA201 WA223	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand  Volume all water imported: internal and external  Volume all water imported: internal and external	27.9 31 0.1 NR 31.2 3446.1 0	ML         ML           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide CCWSS MWSS OWSS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme Raw-Partially treated water scheme	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5 QG1.21 QG1.21 QG1.21	WA2 WA201 WA201 WA201 WA201 WA201 WA201 WA223 WA223	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand  Volume all water imported: internal and external  Volume all water imported: internal and external  Volume all water imported: internal and external	27.9 31 0.1 NR 31.2 3446.1 0 0	ML         ML           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)           ML         ML           ML         ML
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide CCWSS MWSS OWSS EPRWS YRWS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme Raw-Partially treated water scheme Recycled water scheme	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21	WA2 WA201 WA201 WA201 WA201 WA201 WA201 WA223 WA223 WA223 WA223 WA223	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand  Volume all water imported: internal and external	27.9 31 0.1 NR 31.2 3446.1 0 0 0 0	ML         ML           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)           ML         ML
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide CCWSS MWSS OWSS EPRWS YRWS Livingstone SC WSP-wide	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme Raw-Partially treated water scheme Recycled water scheme Recycled water scheme WSP	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21	WA2 WA2 WA201 WA201 WA201 WA201 WA223 WA223 WA223 WA223 WA223 WA223	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand  Volume all water imported: internal and external	27.9 31 0.1 NR 31.2 3446.1 0 0 0 0 3446.1	ML         ML           ML/day         ML/day           ML/day         ML/day           ML/day         ML/day           ML/day         ML           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)           ML         ML
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide CCWSS MWSS OWSS EPRWS YRWS Livingstone SC WSP-wide CCWSS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme Recycled water scheme Recycled water scheme WSP Potable water scheme	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21	WA2 WA2 WA201 WA201 WA201 WA201 WA201 WA223 WA223 WA223 WA223 WA223 WA223 WA223	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand  Volume all water imported: internal and external	27.9 31 0.1 NR 31.2 3446.1 0 0 0 0 3446.1	ML         ML           ML/day         ML           ML/day         ML/day           ML/day         ML/day           ML/day         ML           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)           ML         ML
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide CCWSS MWSS OWSS EPRWS YRWS Livingstone SC WSP-wide CCWSS MWSS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme Recycled water scheme Recycled water scheme Recycled water scheme Recycled water scheme Potable water scheme Potable water scheme	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.22 QG1.22	WA2 WA2 WA201 WA201 WA201 WA201 WA203 WA223 WA223 WA223 WA223 WA223 WA224 WA224	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand  Volume all water imported: internal and external  Volume all water exported: internal and external	27.9 31 0.1 NR 31.2 3446.1 0 0 0 0 3446.1	ML         ML           ML/day         ML           ML/day         ML/day           ML/day         ML           ML/day         ML           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)           ML         ML
Livingstone SC WSP-wide CCWSS MWSS OWSS Livingstone SC WSP-wide CCWSS MWSS OWSS EPRWS YRWS Livingstone SC WSP-wide CCWSS	Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme WSP Potable water scheme Potable water scheme Raw-Partially treated water scheme Recycled water scheme Recycled water scheme WSP Potable water scheme	QG1.9a QG1.9a QG1.5 QG1.5 QG1.5 QG1.5 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21 QG1.21	WA2 WA2 WA201 WA201 WA201 WA201 WA201 WA223 WA223 WA223 WA223 WA223 WA223 WA223	Volume water sourced: groundwater  Maximum daily demand  Maximum daily demand  Maximum daily demand  Maximum daily demand  Volume all water imported: internal and external	27.9 31 0.1 NR 31.2 3446.1 0 0 0 0 3446.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ML         ML           ML/day         ML           ML/day         ML/day           ML/day         ML/day           ML/day         ML           ML         Potable water sourced from Fitzroy River Water (Rockhampton Regional Council)           ML         ML

ashama	lashawa tura	lusi anda	aurim anda	indicates sists	volve	iaa	row works
yrws	Recycled water scheme	kpi code QG1.22	WA224	indicator title  Volume all water exported: internal and external	value	units ML	comments
Livingstone SC WSP-wide	WSP	QG1.22	WA224	Volume all water exported: internal and external	0	ML	
CCWSS	Potable water scheme	QG1.6a	WA225	Volume potable water produced at a water treatment plant	3496.5	ML	
MWSS	Potable water scheme	QG1.6a	WA225	Volume potable water produced at a water treatment plant	16.7	ML	Malborough has twin single stage Reverse Osmosis units hence high reject water losses.
Livingstone SC WSP-wide	WSP	QG1.6a	WA225	Volume potable water produced at a water treatment plant	3513.1	ML	
EPRWS	Recycled water scheme	QG1.11	WA26	Volume recycled sewage supplied: all	163.5	ML	
YRWS	Recycled water scheme	QG1.11	WA26	Volume recycled sewage supplied: all	672.8	ML	
Livingstone SC WSP-wide	WSP	QG1.11	WA26	Volume recycled sewage supplied: all	836.2	ML	
CCWSS	Potable water scheme	QG1.17a	WA32	Volume potable water supplied: residential	4275.5	ML ML	
MWSS Livingstone SC WSP-wide	Potable water scheme WSP	QG1.17a QG1.17a	WA32 WA32	Volume potable water supplied: residential  Volume potable water supplied: residential	5.7 4281.2	ML	
CCWSS	Potable water scheme	QG1.17a	WA34	Volume potable water supplied: residential	1595.8	ML	
MWSS	Potable water scheme	QG1.18a	WA34	Volume potable water supplied: non-residential	8	ML	
Livingstone SC WSP-wide	WSP	QG1.18a	WA34	Volume potable water supplied: non-residential	1603.8	ML	
ccwss	Potable water scheme	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
MWSS	Potable water scheme	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
OWSS	Raw-Partially treated water scheme	QG1.10	WA61	Volume water sourced: desalination marine water	0	ML	
Livingstone SC WSP-wide	WSP	QG1.10	WA61	Volume water sourced: desalination marine water		ML	
CCWSS	Potable water scheme	QG1.12	WA7	Volume water sourced: all	6964.3	ML	
MWSS	Potable water scheme	QG1.12	WA7	Volume water sourced: all	27.9	ML	
OWSS EPRWS	Raw-Partially treated water scheme  Recycled water scheme	QG1.12	WA7 WA7	Volume water sourced: all	6.1 163.5	ML ML	
YRWS	Recycled water scheme	QG1.12	WA7	Volume water sourced: all Volume water sourced: all	672.8	ML	
Livingstone SC WSP-wide	WSP	QG1.12 QG1.12	WA7	Volume water sourced: all		ML	
OWSS	Raw-Partially treated water scheme	QG1.12 QG1.17b	WA91		3.8	ML	
Livingstone SC WSP-wide	WSP	QG1.17b	WA91	Volume raw-PT water supplied: residential	3.8	ML	
OWSS	Raw-Partially treated water scheme	QG1.18b	WA92	Volume raw-PT water supplied: non-residential		ML	
Livingstone SC WSP-wide	WSP	QG1.18b	WA92	Volume raw-PT water supplied: non-residential		ML	
Livingstone SC WSP-wide	WSP	QG1.20	WF1	Total full-time equivalent water+sewerage employees	39	FTEs	
CCWSS	Potable water scheme	QG2.10a	WS11	Water restriction duration: PWCM	0	days	
MWSS	Potable water scheme	QG2.10a	WS11	Water restriction duration: PWCM		days	
OWSS	Raw-Partially treated water scheme	QG2.10a	WS11	Water restriction duration: PWCM	NR	days	
Livingstone SC WSP-wide	WSP	QG2.10a	WS11	Water restriction duration: PWCM	0	days	
CCWSS	Potable water scheme	QG2.10b	WS12	Water restriction duration: Level 1	0	days	
MWSS OWSS	Potable water scheme	QG2.10b QG2.10b	WS12 WS12	Water restriction duration: Level 1	NR	days	
Livingstone SC WSP-wide	Raw-Partially treated water scheme WSP	QG2.10b	WS12	Water restriction duration: Level 1 Water restriction duration: Level 1		days days	
CCWSS	Potable water scheme	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
MWSS	Potable water scheme	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
OWSS	Raw-Partially treated water scheme	QG2.10c	WS13	Water restriction duration: Level 2	NR	days	
Livingstone SC WSP-wide	WSP	QG2.10c	WS13	Water restriction duration: Level 2	0	days	
CCWSS	Potable water scheme	QG2.10d	WS14	Water restriction duration: Level 3	0	days	
MWSS	Potable water scheme	QG2.10d	WS14	Water restriction duration: Level 3		days	
OWSS	Raw-Partially treated water scheme	QG2.10d	WS14	Water restriction duration: Level 3		days	
Livingstone SC WSP-wide	WSP	QG2.10d	WS14	Water restriction duration: Level 3		days	
CCWSS MWSS	Potable water scheme Potable water scheme	QG2.10e QG2.10e	WS15 WS15	Water restriction duration: Level 4 Water restriction duration: Level 4		days days	
	Raw-Partially treated water scheme					. '	
OWSS Livingstone SC WSP-wide	WSP	QG2.10e QG2.10e	WS15 WS15	Water restriction duration: Level 4 Water restriction duration: Level 4		days	
CCWSS	Potable water scheme	QG2.10f	WS16	Water restriction duration: Level 5		days	
MWSS	Potable water scheme	QG2.10f	WS16	Water restriction duration: Level 5		days	
OWSS	Raw-Partially treated water scheme	QG2.10f	WS16	Water restriction duration: Level 5		days	
Livingstone SC WSP-wide	WSP	QG2.10f	WS16	Water restriction duration: Level 5	0	days	
CCWSS	Potable water scheme	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
MWSS	Potable water scheme	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
OWSS	Raw-Partially treated water scheme	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	no	yes/no	
Livingstone SC WSP-wide	WSP	QG2.11a	WS17	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no	
CCWSS MWSS	Potable water scheme Potable water scheme	QG2.11b QG2.11b	WS18 WS18	Has drought management planning been undertaken in the last 10 yrs?	yes	yes/no yes/no	
OWSS	Raw-Partially treated water scheme	QG2.11b	WS18 WS18	Has drought management planning been undertaken in the last 10 yrs?  Has drought management planning been undertaken in the last 10 yrs?	yes no	yes/no yes/no	
Livingstone SC WSP-wide	WSP	QG2.11b	WS18	Has drought management planning been undertaken in the last 10 yrs?  Has drought management planning been undertaken in the last 10 yrs?	yes	yes/no	
CCWSS	Potable water scheme	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	
				,	•		Malborough has c. 100 houses, nil growth and two production bores normally meet all demand
MWSS	Potable water scheme	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	no	yes/no	comfortably
OWSS	Raw-Partially treated water scheme	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	no	yes/no	
Livingstone SC WSP-wide	WSP	QG2.11c	WS19	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no	
CCWSS	Potable water scheme	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	
NAVA/CC	Potable water scheme	063 114	WC20	Has accomment of least capacity constraints of water infrastructure have an destable in 1, 40, 2	wos.	was Ino	
MWSS	Potable water scheme	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	
owss	Raw-Partially treated water scheme	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	no	yes/no	
31133	randary treated water scheme	Q02.110		mass assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs:		700/110	
Livingstone SC WSP-wide	WSP	QG2.11d	WS20	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no	
<u> </u>				, , ,	•		
ccwss	Potable water scheme	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	yes	yes/no	
							Malborough has c. 100 houses, nil growth over 10 year period and two production bores normally
MWSS	Potable water scheme	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	no	yes/no	meet all demand comfortably

## LIVINGSTONE SHIRE COUNCIL - SWIM REPORT KPIS - 2020/2021

scheme	scheme type	kpi code	swim code	indicator title	value	units	comments
OWSS	Raw-Partially treated water scheme	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	no	yes/no	
Livingstone SC WSP-wide	WSP	QG2.11e	WS21	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	yes	yes/no	
CCWSS	Potable water scheme	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	5	1,2,3,4,5,6	
MWSS	Potable water scheme	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	5	1,2,3,4,5,6	
OWSS	Raw-Partially treated water scheme	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	NR	1,2,3,4,5,6	
Livingstone SC WSP-wide	WSP	QG2.12	WS22	Months water supply remaining as at 30 June (KPI level)	5	1,2,3,4,5,6	
CCWSS	Potable water scheme	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
MWSS	Potable water scheme	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
OWSS	Raw-Partially treated water scheme	QG2.13	WS23	Confidence water demand will be met: next 18 mths	unsure	high,fair,unsure,low,very low	
Livingstone SC WSP-wide	WSP	QG2.13	WS23	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low	
CCWSS	Potable water scheme	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
MWSS	Potable water scheme	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
OWSS	Raw-Partially treated water scheme	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	unsure	high,fair,unsure,low,very low	
Livingstone SC WSP-wide	WSP	QG2.14	WS24	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low	
CCWSS	Potable water scheme	QG2.3	WS3	Available contingency supplies	yes	yes/no	
MWSS	Potable water scheme	QG2.3	WS3	Available contingency supplies	no	yes/no	there are bores nearby (within 1km which could be utilised for emergency town water supplies
OWSS	Raw-Partially treated water scheme	QG2.3	WS3	Available contingency supplies	no	yes/no	
							Cap Coast has a very reliable primary source (waterpark Creek) with a large Off stream Storage
							(62,800ML) which can provide contingency supply for 6 months after creek cease to flow. There is
							also a secondary 600 mm pipeline sourcing alternative supply from the Fitzroy river via RRC's
Livingstone SC WSP-wide	WSP	QG2.3	WS3	Available contingency supplies	yes	yes/no	Glenmore WTP.