

Scheme	SWIM Code	KPI Code	Indicator Title	Value	Units
Richmond Water	AS1	QG1.4a	Number water treatment plants: providing full treatment		1 Count
Richmond Water	AS2	QG1.1	Length water mains		45.9 km
Richmond Water	AS47	QG1.4b	Capacity of water treatment plants		4.4 ML/day
Richmond Water	AS48	QG1.7	Total potable water storage volume		1.4 ML
Richmond Water	AS56	QG1.23	Volume water lost: potable water		2.5 ML
Richmond Water	AS8	QG4.5	Water main breaks per 100 km water main		15.3 per 100 km water main
Richmond Water	CS10	QG4.12	Water service complaints per 1000 connections		2.5 per 1000 connections
Richmond Water	CS12	QG4.14	Water and sewerage billing and account complaints per 1000 connections		0 per 1000 connections
Richmond Water	CS13	QG4.11	Water and sewerage complaints (all) per 1000 connections		2.5 per 1000 connections
Richmond Water	CS17	QG4.7	Average frequency unplanned interruptions: water		202 per 1000 connections
Richmond Water	CS2	QG1.13	Connected residential properties: water		0.349 000s
Richmond Water	CS3	QG1.14	Connected non-residential properties: water		0.047 000s
Richmond Water	CS66	QG4.8a	Percent CSS response target met: water incidents		100 %
Richmond Water	CS9	QG4.10	Water quality complaints per 1000 connections		0 per 1000 connections
Richmond Water	PR3	QG4.1(value)	Fixed charge: water value		767.8 \$/annum
Richmond Water	PR5	QG4.1(text)	Fixed charge: water description	Actual fixed charge is based on a 'per unit' which varies greatly across customer's property. This is the average/typical customer bill.	Text
Richmond Water	WA1	QG1.8	Volume water sourced: surface water		0 ML
Richmond Water	WA2	QG1.9a	Volume water sourced: groundwater		741.3 ML
Richmond Water	WA201	QG1.5	Maximum daily demand		3.1 ML/day
Richmond Water	WA223	QG1.21	Volume all water imported: internal and external		0 ML
Richmond Water	WA224	QG1.22	Volume all water exported: internal and external		0 ML
Richmond Water	WA225	QG1.6a	Volume potable water produced at a water treatment plant		704.7 ML
Richmond Water	WA32	QG1.17a	Volume potable water supplied: residential		630.7 ML
Richmond Water	WA34	QG1.18a	Volume potable water supplied: non-residential		56.4 ML
Richmond Water	WA61	QG1.10	Volume water sourced: desalination marine water		0 ML
Richmond Water	WA7	QG1.12	Volume water sourced: all		737.8 ML
Richmond Water	WS11	QG2.10a	Water restriction duration: PWCm		NR days
Richmond Water	WS12	QG2.10b	Water restriction duration: Level 1		0 days
Richmond Water	WS13	QG2.10c	Water restriction duration: Level 2		365 days
Richmond Water	WS14	QG2.10d	Water restriction duration: Level 3		0 days
Richmond Water	WS15	QG2.10e	Water restriction duration: Level 4		0 days
Richmond Water	WS16	QG2.10f	Water restriction duration: Level 5		NR days
Richmond Water	WS17	QG2.11a	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no
Richmond Water	WS18	QG2.11b	Has drought management planning been undertaken in the last 10 yrs?	yes	yes/no
Richmond Water	WS19	QG2.11c	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no
Richmond Water	WS20	QG2.11d	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no
Richmond Water	WS21	QG2.11e	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	yes	yes/no
Richmond Water	WS22	QG2.12	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6
Richmond Water	WS23	QG2.13	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low
Richmond Water	WS24	QG2.14	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low
Richmond Water	WS3	QG2.3	Available contingency supplies	yes	yes/no
Richmond Sewerage	AS39	QG4.6	Sewerage mains breaks/chokes per 100 km sewer main		35.5 per 100 km sewer mains
Richmond Sewerage	AS4	QG1.3	Number sewage treatment plants		1 Count
Richmond Sewerage	AS5	QG1.2	Length sewerage mains and channels		14.1 km
Richmond Sewerage	CS11	QG4.13	Sewerage service complaints per 1000 connections		0 per 1000 connections
Richmond Sewerage	CS12	QG4.14	Water and sewerage billing and account complaints per 1000 connections		0 per 1000 connections

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Richmond Sewerage	CS13	QG4.11	Water and sewerage complaints (all) per 1000 connections	0	per 1000 connections
Richmond Sewerage	CS6	QG1.15	Connected residential properties: sewerage	0.293	000s
Richmond Sewerage	CS65	QG4.9a	Percent CSS response target met: sewerage incidents	100	%
Richmond Sewerage	CS7	QG1.16	Connected non-residential properties: sewerage	0.047	000s
Richmond Sewerage	PR31	QG4.2(value)	Fixed charge: sewerage value	675.7	\$/annum
Richmond Sewerage	PR40	QG4.2(text)	Fixed charge: sewerage description	Actual fixed charge is based on a 'per unit' which varies greatly across customer's property. This is the average/typical customer bill.	Text
Richmond Shire Council WSP-wide	AS1	QG1.4a	Number water treatment plants: providing full treatment	1	Count
Richmond Shire Council WSP-wide	AS2	QG1.1	Length water mains	45.9	km
Richmond Shire Council WSP-wide	AS39	QG4.6	Sewerage mains breaks/chokes per 100 km sewer main	35.5	per 100 km sewer mains
Richmond Shire Council WSP-wide	AS4	QG1.3	Number sewage treatment plants	1	Count
Richmond Shire Council WSP-wide	AS47	QG1.4b	Capacity of water treatment plants	4.4	ML/day
Richmond Shire Council WSP-wide	AS48	QG1.7	Total potable water storage volume	1.4	ML
Richmond Shire Council WSP-wide	AS5	QG1.2	Length sewerage mains and channels	14.1	km
Richmond Shire Council WSP-wide	AS56	QG1.23	Volume water lost: potable water	2.5	ML
Richmond Shire Council WSP-wide	AS8	QG4.5	Water main breaks per 100 km water main	15.3	per 100 km water main
Richmond Shire Council WSP-wide	CS10	QG4.12	Water service complaints per 1000 connections	2.5	per 1000 connections
Richmond Shire Council WSP-wide	CS11	QG4.13	Sewerage service complaints per 1000 connections	0	per 1000 connections
Richmond Shire Council WSP-wide	CS12	QG4.14	Water and sewerage billing and account complaints per 1000 connections	0	per 1000 connections
Richmond Shire Council WSP-wide	CS13	QG4.11	Water and sewerage complaints (all) per 1000 connections	2.5	per 1000 connections
Richmond Shire Council WSP-wide	CS17	QG4.7	Average frequency unplanned interruptions: water	202	per 1000 connections
Richmond Shire Council WSP-wide	CS2	QG1.13	Connected residential properties: water	0.349	000s
Richmond Shire Council WSP-wide	CS3	QG1.14	Connected non-residential properties: water	0.047	000s
Richmond Shire Council WSP-wide	CS6	QG1.15	Connected residential properties: sewerage	0.293	000s
Richmond Shire Council WSP-wide	CS65	QG4.9a	Percent CSS response target met: sewerage incidents	100	%
Richmond Shire Council WSP-wide	CS66	QG4.8a	Percent CSS response target met: water incidents	100	%
Richmond Shire Council WSP-wide	CS7	QG1.16	Connected non-residential properties: sewerage	0.047	000s
Richmond Shire Council WSP-wide	CS9	QG4.10	Water quality complaints per 1000 connections	0	per 1000 connections
Richmond Shire Council WSP-wide	FN1	QG3.9	Revenue: all (NPR) water	393	,\$000
Richmond Shire Council WSP-wide	FN10	QG3.6	Nominal written down replacement cost: fixed sewerage assets	5287	,\$000
Richmond Shire Council WSP-wide	FN11	QG3.11	Costs: operating water per connection	371.21	\$/connection
Richmond Shire Council WSP-wide	FN12	QG3.12	Costs: operating sewerage per connection	50	\$/connection
Richmond Shire Council WSP-wide	FN14	QG3.1	Capital expenditure: water supply	364	,\$000
Richmond Shire Council WSP-wide	FN15	QG3.2	Capital expenditure: sewerage	0	,\$000
Richmond Shire Council WSP-wide	FN2	QG3.10	Revenue: all (NPR) sewerage	344	,\$000
Richmond Shire Council WSP-wide	FN26	QG3.3	Capital works grants: water	0	,\$000
Richmond Shire Council WSP-wide	FN27	QG3.4	Capital works grants: sewerage	0	,\$000
Richmond Shire Council WSP-wide	FN32	QG3.11a	Costs: operating water (NPR)	147	,\$000
Richmond Shire Council WSP-wide	FN33	QG3.12a	Costs: operating sewerage	17	,\$000
Richmond Shire Council WSP-wide	FN49	QG3.21	Costs: any other water	0	,\$000
Richmond Shire Council WSP-wide	FN50	QG3.22	Costs: any other sewerage	0	,\$000
Richmond Shire Council WSP-wide	FN74	QG3.7	Current replacement costs: fixed water assets	16583	,\$000
Richmond Shire Council WSP-wide	FN75	QG3.8	Current replacement costs: fixed sewerage assets	7045	,\$000
Richmond Shire Council WSP-wide	FN76	QG3.13	Costs: maintenance water	539	,\$000
Richmond Shire Council WSP-wide	FN77	QG3.14	Costs: maintenance sewerage	151	,\$000
Richmond Shire Council WSP-wide	FN78	QG3.15	Current cost depreciation: water	285	,\$000
Richmond Shire Council WSP-wide	FN79	QG3.16	Current cost depreciation: sewerage	85	,\$000

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Richmond Shire Council WSP-wide	FN80	QG3.17	Previous 5 year average annual renewals expenditure: water		45 \$,000
Richmond Shire Council WSP-wide	FN81	QG3.18	Previous 5 year average annual renewals expenditure: sewerage		6 \$,000
Richmond Shire Council WSP-wide	FN82	QG3.19	Forecast 5 year average annual renewals expenditure: water		100 \$,000
Richmond Shire Council WSP-wide	FN83	QG3.20	Forecast 5 year average annual renewals expenditure: sewerage		20 \$,000
Richmond Shire Council WSP-wide	FN9	QG3.5	Nominal written down replacement cost: fixed water assets		13444 \$,000
Richmond Shire Council WSP-wide	PR3	QG4.1(value)	Fixed charge: water value		767.8 \$/annum
Richmond Shire Council WSP-wide	PR31	QG4.2(value)	Fixed charge: sewerage value		675.7 \$/annum
Richmond Shire Council WSP-wide	PR40	QG4.2(text)	Fixed charge: sewerage description	Actual fixed charge is based on a 'per unit' which varies greatly across customer's property. This is the average/typical customer bill.	Text
Richmond Shire Council WSP-wide	PR47	QG4.3	Annual bill based on 200kL/a: water+sewerage		1443.5 \$
Richmond Shire Council WSP-wide	PR48	QG4.4	Typical residential bill: water+sewerage		1443.5 \$
Richmond Shire Council WSP-wide	PR5	QG4.1(text)	Fixed charge: water description	Actual fixed charge is based on a 'per unit' which varies greatly across customer's property. This is the average/typical customer bill.	Text
Richmond Shire Council WSP-wide	WA1	QG1.8	Volume water sourced: surface water		0 ML
Richmond Shire Council WSP-wide	WA2	QG1.9a	Volume water sourced: groundwater		741.3 ML
Richmond Shire Council WSP-wide	WA201	QG1.5	Maximum daily demand		3.1 ML/day
Richmond Shire Council WSP-wide	WA223	QG1.21	Volume all water imported: internal and external		0 ML
Richmond Shire Council WSP-wide	WA224	QG1.22	Volume all water exported: internal and external		0 ML
Richmond Shire Council WSP-wide	WA225	QG1.6a	Volume potable water produced at a water treatment plant		704.7 ML
Richmond Shire Council WSP-wide	WA26	QG1.11	Volume recycled sewage supplied: all		NR ML
Richmond Shire Council WSP-wide	WA32	QG1.17a	Volume potable water supplied: residential		630.7 ML
Richmond Shire Council WSP-wide	WA34	QG1.18a	Volume potable water supplied: non-residential		56.4 ML
Richmond Shire Council WSP-wide	WA61	QG1.10	Volume water sourced: desalination marine water		0 ML
Richmond Shire Council WSP-wide	WA7	QG1.12	Volume water sourced: all		737.8 ML
Richmond Shire Council WSP-wide	WA91	QG1.17b	Volume raw-PT water supplied: residential		NR ML
Richmond Shire Council WSP-wide	WA92	QG1.18b	Volume raw-PT water supplied: non-residential		NR ML
Richmond Shire Council WSP-wide	WF1	QG1.20	Total full-time equivalent water+sewerage employees		5 FTEs
Richmond Shire Council WSP-wide	WS11	QG2.10a	Water restriction duration: PWCM		0 days
Richmond Shire Council WSP-wide	WS12	QG2.10b	Water restriction duration: Level 1		0 days
Richmond Shire Council WSP-wide	WS13	QG2.10c	Water restriction duration: Level 2		365 days
Richmond Shire Council WSP-wide	WS14	QG2.10d	Water restriction duration: Level 3		0 days
Richmond Shire Council WSP-wide	WS15	QG2.10e	Water restriction duration: Level 4		0 days
Richmond Shire Council WSP-wide	WS16	QG2.10f	Water restriction duration: Level 5		0 days
Richmond Shire Council WSP-wide	WS17	QG2.11a	Has asset management planning been undertaken in the last 10 yrs?	yes	yes/no
Richmond Shire Council WSP-wide	WS18	QG2.11b	Has drought management planning been undertaken in the last 10 yrs?	yes	yes/no
Richmond Shire Council WSP-wide	WS19	QG2.11c	Has water demand forecasts been developed or reviewed in the last 5 yrs?	yes	yes/no
Richmond Shire Council WSP-wide	WS20	QG2.11d	Has assessment of key capacity constraints of water infrastructure been undertaken in last 10 yrs?	yes	yes/no
Richmond Shire Council WSP-wide	WS21	QG2.11e	Has the timing for potential future supply augmentation been assessed in the last 10 yrs?	yes	yes/no
Richmond Shire Council WSP-wide	WS22	QG2.12	Months water supply remaining as at 30 June (KPI level)	6	1,2,3,4,5,6
Richmond Shire Council WSP-wide	WS23	QG2.13	Confidence water demand will be met: next 18 mths	high	high,fair,unsure,low,very low
Richmond Shire Council WSP-wide	WS24	QG2.14	Confidence water demand will be met: next 5 yrs	high	high,fair,unsure,low,very low
Richmond Shire Council WSP-wide	WS3	QG2.3	Available contingency supplies	yes	yes/no