

Organisation	SWIM (code)	NPR (code)	NPR category	Indicator title	Value	Units	NPR Footnote
Livingstone Shire Council	AS1	A1	Asset	Number of water treatment plants providing full treatment	2	Count	
Livingstone Shire Council	AS10	A10	Asset	Real losses: service connections	181.1	L/service connection/day	
Livingstone Shire Council	AS11	A11	Asset	Real losses: water mains	3.8	kl/km water main/day	
Livingstone Shire Council	AS14	A8	Asset	Number of water main breaks, bursts and leaks	26	Count	
Livingstone Shire Council	AS2	A2	Asset	Length of water mains	687.4	km	
Livingstone Shire Council	AS3	A3	Asset	Number of properties served per km of water main	19.6	connections/km	
Livingstone Shire Council	AS59	A14	Asset	Number of sewer mains breaks and chokes per 100 km	4.8	per 100 km sewer mains	
Livingstone Shire Council	AS4	A4	Asset	Number of wastewater treatment plants	2	Count	
Livingstone Shire Council	AS41	A15	Asset	Number of property connection sewer breaks and chokes per 1,000 properties	2	per 1000 connections	
Livingstone Shire Council	AS5	A5	Asset	Length of sewer mains and channels	331.5	km	
Livingstone Shire Council	AS6	A6	Asset	Number of properties served per km of sewer main	32.8	Connections/km	
Livingstone Shire Council	AS8	A8	Asset	Number of water main breaks, bursts and leaks, per 100 km of water main	3.8	per 100 km water main	
Livingstone Shire Council	AS9	A9	Asset	Infrastructure leakage index	3.6	Index	
Livingstone Shire Council	CS1	C1	Customers	Population receiving services: water supply	33.63	000s	
Livingstone Shire Council	CS10	C10	Customers	Number of water service complaints per 1,000 properties	0.1	per 1000 connections	
Livingstone Shire Council	CS11	C11	Customers	Number of sewerage service complaints per 1,000 properties	0	per 1000 connections	
Livingstone Shire Council	CS12	C12	Customers	Number of billing and account complaints per 1,000 properties	0	per 1000 connections	
Livingstone Shire Council	CS13	C13	Customers	Number of water and sewerage complaints per 1,000 properties	3.5	per 1000 connections	
Livingstone Shire Council	CS14	C14	Customers	Percentage of calls answered by an operator within 30 seconds	NR	%	
Livingstone Shire Council	CS15	C15	Customers	Average duration of an unplanned interruption: water supply	19.9	mins	
Livingstone Shire Council	CS17	C17	Customers	Number of unplanned interruptions per 1,000 properties	97.3	per 1000 connections	
Livingstone Shire Council	CS18	C18	Customers	Number of restrictions for non-payment of water bills per 1,000 properties	0	per 1000 connections	
Livingstone Shire Council	CS19	C19	Customers	Number of legal actions taken for non-payment of water bills per 1000 properties	0.3	per 1000 connections	
Livingstone Shire Council	CS2	C2	Customers	Number of connected residential properties: water supply	12,668	000s	
Livingstone Shire Council	CS20	C9	Customers	Number of water quality complaints: water supply	44	Count	
Livingstone Shire Council	CS21	C11	Customers	Number of sewerage service complaints	0	Count	
Livingstone Shire Council	CS22	C10	Customers	Number of water service complaints	1	Count	
Livingstone Shire Council	CS23	C12	Customers	Number of billing and account complaints: water supply and sewerage	0	Count	
Livingstone Shire Council	CS3	C3	Customers	Number of connected non-residential properties: water supply	0.784	000s	
Livingstone Shire Council	CS4	C4	Customers	Total number of connected properties: water supply properties	13,452	000s	
Livingstone Shire Council	CS48	C18	Customers	Number of restrictions for non-payment of water bills	0	Count	
Livingstone Shire Council	CS49	C19	Customers	Number of legal actions taken for non-payment of water bills	4	Count	
Livingstone Shire Council	CS6	C6	Customers	Number of connected residential properties: wastewater	10,475	000s	
Livingstone Shire Council	CS61	C17	Customers	Number of unplanned interruptions: water supply	1304	Count	
Livingstone Shire Council	CS62	C13	Customers	Number of water and sewerage complaints	47	Count	
Livingstone Shire Council	CS7	C7	Customers	Number of connected non-residential properties: wastewater	0.404	000s	
Livingstone Shire Council	CS8	C8	Customers	Total number of connected properties: wastewater properties	10,879	000s	
Livingstone Shire Council	CS9	C9	Customers	Number of water quality complaints per 1,000 properties	3.3	per 1000 connections	
Livingstone Shire Council	EN1	E1	Environment	Percentage of wastewater treated to a primary level	0	%	
Livingstone Shire Council	EN10	E10	Environment	Net greenhouse gas emissions per 1,000 properties: wastewater	303.2	t CO2eq/1000 connections	
Livingstone Shire Council	EN11	E11	Environment	Net greenhouse gas emissions per 1,000 properties: other	16.4	t CO2eq/1000 connections	
Livingstone Shire Council	EN12	E12	Environment	Total net greenhouse gas emissions per 1,000 properties	439.1	t CO2eq/1000 connections	
Livingstone Shire Council	EN14	E9	Environment	Net greenhouse gas emissions: water supply	2387.9	t CO2eq	
Livingstone Shire Council	EN15	E10	Environment	Net greenhouse gas emissions: wastewater	3298.4	t CO2eq	
Livingstone Shire Council	EN16	E11	Environment	Net greenhouse gas emissions: other	220.5	t CO2eq	
Livingstone Shire Council	EN17	E12	Environment	Total net greenhouse gas emissions	5906.8	t CO2eq	
Livingstone Shire Council	EN18	E1	Environment	Volume of wastewater treated to a primary level	0	ML	
Livingstone Shire Council	EN19	E2	Environment	Volume of wastewater treated to a secondary level	0	ML	
Livingstone Shire Council	EN2	E2	Environment	Percentage of wastewater treated to a secondary level	0	%	
Livingstone Shire Council	EN20	E3	Environment	Volume of wastewater treated to a tertiary level	1903.8	ML	
Livingstone Shire Council	EN3	E3	Environment	Percentage of wastewater treated to a tertiary level	100	%	
Livingstone Shire Council	EN8	E8	Environment	Percentage of biosolids reused	0	%	
Livingstone Shire Council	EN9	E9	Environment	Net greenhouse gas emissions per 1,000 properties: water supply	177.5	t CO2eq/1000 connections	
Livingstone Shire Council	FN1	F1	Finance	Total revenue: water supply	19941.363	\$,000	
Livingstone Shire Council	FN10	F10	Finance	Written-down replacement cost of fixed wastewater assets	139038	\$,000	
Livingstone Shire Council	FN11	F11	Finance	Operating cost per property: water supply	741.43	\$/connection	
Livingstone Shire Council	FN12	F12	Finance	Operating cost per property: wastewater	535.82	\$/connection	
Livingstone Shire Council	FN13	F13	Finance	Combined operating cost per property: water supply and wastewater	1174.76	\$/connection	
Livingstone Shire Council	FN14	F14	Finance	Capital expenditure: water supply	2154.494	\$,000	
Livingstone Shire Council	FN15	F15	Finance	Capital expenditure: wastewater	5722.478	\$,000	
Livingstone Shire Council	FN16	F16	Finance	Total capital expenditure: water supply and wastewater	7876.972	\$,000	
Livingstone Shire Council	FN17	F17	Finance	Economic real rate of return: water supply	2.6	%	
Livingstone Shire Council	FN18	F18	Finance	Economic real rate of return: wastewater	2.7	%	
Livingstone Shire Council	FN19	F19	Finance	Economic real rate of return: water supply and wastewater	2.6	%	
Livingstone Shire Council	FN2	F2	Finance	Total revenue: wastewater	12259.316	\$,000	
Livingstone Shire Council	FN20	F20	Finance	Dividend	NR	\$,000	
Livingstone Shire Council	FN88	F21	Finance	Dividend payout ratio	0	Ratio	
Livingstone Shire Council	FN22	F21	Finance	Net debt to equity ratio	NR	%	
Livingstone Shire Council	FN23	F23	Finance	Interest cover ratio	NR	Ratio	
Livingstone Shire Council	FN24	F24	Finance	Net profit after tax (NPAT)	NR	\$,000	
Livingstone Shire Council	FN25	F25	Finance	Community service obligation	0	\$,000	
Livingstone Shire Council	FN26	F26	Finance	Capital works grants: water supply	488.5	\$,000	
Livingstone Shire Council	FN27	F27	Finance	Capital works grants: wastewater	4299.357	\$,000	
Livingstone Shire Council	FN3	F3	Finance	Total income for the utility	32200.679	\$,000	
Livingstone Shire Council	FN32	IF11	Finance	Operating cost: water supply	9973.763	\$,000	
Livingstone Shire Council	FN33	IF12	Finance	Operating cost: wastewater	5829.163	\$,000	

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Livingstone Shire Council	FN34	F28	Finance	Capital expenditure per property: water supply	160.16	\$/connection	
Livingstone Shire Council	FN35	F29	Finance	Capital expenditure per property: wastewater	526.01	\$/connection	
Livingstone Shire Council	FN89	F30	Finance	Net profit after tax ratio	0	Ratio	
Livingstone Shire Council	FN4	F4	Finance	Percentage of residential revenue from usage charges: water supply	34.6	%	
Livingstone Shire Council	FN5	F5	Finance	Revenue per property: water supply	1482.41	\$/connection	
Livingstone Shire Council	FN6	F6	Finance	Revenue per property: wastewater	1126.88	\$/connection	
Livingstone Shire Council	FN7	F7	Finance	Total income per property	2393.75	\$/connection	
Livingstone Shire Council	FN87	F8	Finance	Community service obligations ratio	0	ratio	
Livingstone Shire Council	FN9	F9	Finance	Written-down replacement cost of fixed water supply assets	215354	\$,000	
Livingstone Shire Council	HL1	H1	Public health	Water quality guidelines	Have a current DWQMP in place	Text	
Livingstone Shire Council	HL3	H3	Public health	Percentage of population where microbiological compliance was achieved	100	%	
Livingstone Shire Council	HL5	H5	Public health	Risk-based drinking water management plan externally assessed	yes	yes/no	
Livingstone Shire Council	HL8	H4	Public health	Number of zones where chemical compliance was achieved	2	Count	
Livingstone Shire Council	HL9	H4a	Public health	Total number of zones	2	Count	
Livingstone Shire Council	PR1	P1	Pricing	Tariff structure: water supply	Access Charge and Pr Kilolitre Chge for Commercial, 3 tier tariff	Text	
Livingstone Shire Council	PR3	P1.2	Pricing	Fixed charge: water supply	663	\$/annum	
Livingstone Shire Council	PR6	P1.3	Pricing	Usage charge: step 1	0.89	\$/KL	
Livingstone Shire Council	PR49	P1.3a	Pricing	Upper bound of usage: step 1	60	KL	
Livingstone Shire Council	PR8	P1.4	Pricing	Usage charge: step 2	1.37	\$/KL	
Livingstone Shire Council	PR90	P1.4a	Pricing	Upper bound of usage: step 2	135	KL	
Livingstone Shire Council	PR10	P1.5	Pricing	Usage charge: step 3	2.74	\$/KL	
Livingstone Shire Council	PR51	P1.5a	Pricing	Upper bound of usage: step 3	NR	\$/KL	
Livingstone Shire Council	PR12	P1.6	Pricing	Usage charge: step 4	NR	\$/KL	
Livingstone Shire Council	PR52	P1.6a	Pricing	Upper bound of usage: step 4	NR	\$/KL	
Livingstone Shire Council	PR14	P1.7	Pricing	Usage charge: step 5	NR	\$/KL	
Livingstone Shire Council	PR53	P1.7a	Pricing	Upper bound of usage: step 5	NR	\$/KL	
Livingstone Shire Council	PR23	P1.12	Pricing	Special levies: water supply	NR	\$/KL	
Livingstone Shire Council	PR25	P1.13	Pricing	Income from special levies retained by the utility: water supply	NR	yes/no	
Livingstone Shire Council	PR43	P2	Pricing	Annual residential bill based on 200 KL per annum: water supply	997	\$	
Livingstone Shire Council	PR44	P3	Pricing	Typical residential bill: water supply	1023	\$	
Livingstone Shire Council	PR31	P4.1	Pricing	Fixed charge: wastewater	838	\$/annum	
Livingstone Shire Council	PR32	P4.2	Pricing	Usage charge: wastewater	0	\$/KL	
Livingstone Shire Council	PR33	P4.3	Pricing	Special levies: wastewater	NR	\$	
Livingstone Shire Council	PR34	P4.4	Pricing	Income from special levies retained by the utility: wastewater	no	yes/no	
Livingstone Shire Council	PR4	P4	Pricing	Tariff structure: wastewater	Fixed Charge no Tariff Structure	Text	
Livingstone Shire Council	PR45	P5	Pricing	Annual residential bill based on 200 KL per annum: wastewater	838	\$	
Livingstone Shire Council	PR46	P6	Pricing	Typical residential bill: wastewater	838	\$	
Livingstone Shire Council	PR47	P7	Pricing	Total annual residential bill based on 200 KL per annum	1835	\$	
Livingstone Shire Council	PR48	P8	Pricing	Total typical residential bill	1861	\$	
Livingstone Shire Council	WA1	W1	Water Resources	Volume of water sourced from surface water	3159.7	ML	
Livingstone Shire Council	WA101	W6	Water Resources	Volume of recycled water received from other service providers or operational areas within the urban water supply system	0	ML	
Livingstone Shire Council	WA11	W11	Water Resources	Total volume of urban water supplied	7054.8	ML	
Livingstone Shire Council	WA110	W14.3	Water Resources	Volume of water, excluding recycled water, exported to other service providers or operational areas within the urban water supply system	0	ML	
Livingstone Shire Council	WA12	W12	Water Resources	Average volume of residential water supplied per property	313.5	KL/connection/year	
Livingstone Shire Council	WA13	W13	Water Resources	Volume of water returned as environmental flows from outside of the urban water supply system	0	ML	
Livingstone Shire Council	WA15	W15	Water Resources	Volume of recycled water exported to other service providers or operational areas within the urban water supply system	0	ML	
Livingstone Shire Council	WA158	W5.3	Water Resources	Volume of water, excluding recycled water, received from other service providers or operational areas within the urban water supply system	2975.7	ML	
Livingstone Shire Council	WA16	W16	Water Resources	Volume of wastewater, excluding trade waste, collected	2060.2	ML	
Livingstone Shire Council	WA17	W17	Water Resources	Volume of trade waste collected	92.7	ML	
Livingstone Shire Council	WA18	W18	Water Resources	Total volume of wastewater collected	2152.9	ML	
Livingstone Shire Council	WA19	W19	Water Resources	Average volume of wastewater collected per property	197.9	KL/connection/year	
Livingstone Shire Council	WA197	W31	Water Resources	Volume of water returned to surface water and groundwater from the urban water supply system	0	ML	
Livingstone Shire Council	WA2	W2	Water Resources	Volume of water sourced from groundwater	28.3	ML	
Livingstone Shire Council	WA20	W20	Water Resources	Volume of recycled water supplied to residential customers	0	ML	
Livingstone Shire Council	WA206	W8.3	Water Resources	Volume of water supplied to residential customers	3970.8	ML	
Livingstone Shire Council	WA207	W9.3	Water Resources	Volume of water supplied to non-residential customers	2231.8	ML	
Livingstone Shire Council	WA21	W21	Water Resources	Volume of recycled water supplied to non-residential customers	852.1	ML	
Livingstone Shire Council	WA215	W29	Water Resources	Volume of treated wastewater disposals	1947.4	ML	
Livingstone Shire Council	WA217	W30	Water Resources	Volume of wastewater losses and discharges	11	ML	
Livingstone Shire Council	WA23	W23	Water Resources	Volume of recycled water supplied as environmental flows	0	ML	
Livingstone Shire Council	WA26	W26	Water Resources	Total volume of recycled water supplied	852.1	ML	
Livingstone Shire Council	WA27	W27	Water Resources	Recycled water as a percentage of total wastewater collected	44.8	%	
Livingstone Shire Council	WA31	W18.5	Water Resources	Volume of treated effluent outflow from wastewater treatment plants	1903.8	ML	
Livingstone Shire Council	WA36	W10.1	Water Resources	Volume of non-revenue water	717.5	ML	
Livingstone Shire Council	WA45	W5	Water Resources	Total volume of water received from other service providers or operational areas within the urban water system	2975.7	ML	
Livingstone Shire Council	WA46	W14	Water Resources	Total volume of water exported to other service providers or operational areas within the urban water supply system	0	ML	
Livingstone Shire Council	WA61	W3.1	Water Resources	Volume of water sourced from desalinated marine waters	0	ML	
Livingstone Shire Council	WA66	W18.1	Water Resources	Volume of wastewater exported to other service providers or operational areas within the urban wastewater system	0	ML	
Livingstone Shire Council	WA67	W18.2	Water Resources	Volume of wastewater received from other service providers or operational areas within the urban wastewater system	0	ML	

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Livingstone Shire Council	WA68	W18.3	Water Resources	Volume of wastewater taken through sewer mining	0	ML	
Livingstone Shire Council	WA69	W18.4	Water Resources	Volume of wastewater inflow to wastewater treatment plants	2152.9	ML	
Livingstone Shire Council	WA7	W7	Water Resources	Total volume of water sourced	7867.8	ML	
Livingstone Shire Council	WA73	W25.1	Water Resources	Volume of recycled water supplied to managed aquifer recharge	0	ML	
Livingstone Shire Council	WA74	W11.3	Water Resources	Volume of potable water produced for supply into the urban water supply system	6198.8	ML	
Livingstone Shire Council	WA8	W8	Water Resources	Total volume of water supplied to residential customers	3970.8	ML	
Livingstone Shire Council	WA85	W28.4	Water Resources	Volume of urban stormwater supplied to residential customers	0	ML	
Livingstone Shire Council	WA86	W28.5	Water Resources	Volume of urban stormwater supplied to non-residential customers	0	ML	
Livingstone Shire Council	WA9	W9	Water Resources	Total volume of water supplied to non-residential customers	3083.9	ML	