

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	245	L/service connection/day	
Livingstone Shire Council	AS11	A11	Asset	Real losses: water mains	5.7	kL/km water main/day	
Livingstone Shire Council	AS14	IA8	Asset	Number of water main breaks, bursts and leaks	22	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	19.7	Connections/km	
Livingstone Shire Council	AS39	A14	Asset	Number of sewer mains breaks and chokes per 100 km	3.9	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	2.2	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	31.7	Connections/km	
Livingstone Shire Council	AS8	A8	Asset	Number of water main breaks, bursts and leaks, per 100 km of water main	3.2	per 100 km water main	
Livingstone Shire Council	AS9	A9	Asset	Infrastructure leakage index	5.4	Index	
Livingstone Shire Council	CS1	C1	Customers	Population receiving services: water supply	32.34	000s	
Livingstone Shire Council	CS10	C10	Customers	Number of water service complaints per 1,000 properties	0	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	4	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	18.3	mins	More accurate recording
Livingstone Shire Council	CS17	C17	Customers	Number of unplanned interruptions per 1,000 properties	124.6	per 1000 connections	More accurate recording
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	0.4	per 1000 connections	
Livingstone Shire Council	CS2	C2	Customers	Number of connected residential properties: water supply	12.927	000s	
Livingstone Shire Council	CS20	IC9	Customers	Number of water quality complaints: water supply	54	Count	
Livingstone Shire Council	CS21	IC11	Customers	Number of sewerage service complaints	0	Count	
Livingstone Shire Council	CS22	IC10	Customers	Number of water service complaints	0	Count	
Livingstone Shire Council	CS23	IC12	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	0.642	000s	
Livingstone Shire Council	CS4	C4	Customers	Total number of connected properties: water supply properties	13.569	000s	
Livingstone Shire Council	CS48	IC18	Customers	Number of restrictions for non-payment of water bills	NR	Count	
Livingstone Shire Council	CS49	IC19	Customers	Number of legal actions taken for non-payment of water bills	6	Count	
Livingstone Shire Council	CS6	C6	Customers	Number of connected residential properties: wastewater	10.123	000s	
Livingstone Shire Council	CS61	IC17	Customers	Number of unplanned interruptions: water supply	1685	Count	More accurate recording
Livingstone Shire Council	CS62	IC13	Customers	Number of water and sewerage complaints	54	Count	
Livingstone Shire Council	CS7	C7	Customers	Number of connected non-residential properties: wastewater	0.394	000s	
Livingstone Shire Council	CS8	C8	Customers	Total number of connected properties: wastewater properties	10.517	000s	
Livingstone Shire Council	CS9	C9	Customers	Number of water quality complaints per 1,000 properties	4	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	253.4	t CO2eq/1000 connections	
Livingstone Shire Council	EN11	E11	Environment	Net greenhouse gas emissions per 1,000 properties: other	0	t CO2eq/1000 connections	
Livingstone Shire Council	EN12	E12	Environment	Total net greenhouse gas emissions per 1,000 properties	391.1	t CO2eq/1000 connections	
Livingstone Shire Council	EN14	IE9	Environment	Net greenhouse gas emissions: water supply	2642	t CO2eq	Calculated using Greenhouse Gases Calculator
Livingstone Shire Council	EN15	IE10	Environment	Net greenhouse gas emissions: wastewater	2665	t CO2eq	Calculated using Greenhouse Gases Calculator
Livingstone Shire Council	EN16	IE11	Environment	Net greenhouse gas emissions: other	0	t CO2eq	Calculated using Greenhouse Gases Calculator
Livingstone Shire Council	EN17	IE12	Environment	Total net greenhouse gas emissions	5307	t CO2eq	
Livingstone Shire Council	EN18	IE1	Environment	Volume of wastewater treated to a primary level	0	ML	
Livingstone Shire Council	EN19	IE2	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	IE3	Environment	Volume of wastewater treated to a tertiary level	2012.4	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	194.7	t CO2eq/1000 connections	
Livingstone Shire Council	FN1	F1	Finance	Total revenue: water supply	27204.91	,\$000	
Livingstone Shire Council	FN10	F10	Finance	Written-down replacement cost of fixed wastewater assets	132291.738	,\$000	
Livingstone Shire Council	FN11	F11	Finance	Operating cost per property: water supply	783.62	\$/connection	
Livingstone Shire Council	FN12	F12	Finance	Operating cost per property: wastewater	632.87	\$/connection	
Livingstone Shire Council	FN13	F13	Finance	Combined operating cost per property: water supply and wastewater	1274.14	\$/connection	
Livingstone Shire Council	FN14	F14	Finance	Capital expenditure: water supply	1449.617	,\$000	
Livingstone Shire Council	FN15	F15	Finance	Capital expenditure: wastewater	3844.986	,\$000	
Livingstone Shire Council	FN16	F16	Finance	Total capital expenditure: water supply and wastewater	5294.603	,\$000	
Livingstone Shire Council	FN17	F17	Finance	Economic real rate of return: water supply	6.1	%	
Livingstone Shire Council	FN18	F18	Finance	Economic real rate of return: wastewater	1.4	%	
Livingstone Shire Council	FN19	F19	Finance	Economic real rate of return: water supply and wastewater	4.2	%	
Livingstone Shire Council	FN2	F2	Finance	Total revenue: wastewater	11476.017	,\$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	F22	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	

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Livingstone Shire Council	FN26	F26	Finance	Capital works grants: water supply	410	\$,000	Back-up gen-sets for Kelly's WPS and Woodbury WTP, Upgrade to Keppel Sands WPS
Livingstone Shire Council	FN27	F27	Finance	Capital works grants: wastewater	1139.994	\$,000	YSTP upgrade, EPSTP upgrade
Livingstone Shire Council	FN3	F3	Finance	Total income for the utility	38,680.93	\$,000	
Livingstone Shire Council	FN32	IF11	Finance	Operating cost: water supply	10632.922	\$,000	
Livingstone Shire Council	FN33	IF12	Finance	Operating cost: wastewater	6655.846	\$,000	
Livingstone Shire Council	FN34	F28	Finance	Capital expenditure per property: water supply	106.83	\$/connection	
Livingstone Shire Council	FN35	F29	Finance	Capital expenditure per property: wastewater	365.6	\$/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	37	%	
Livingstone Shire Council	FN5	F5	Finance	Revenue per property: water supply	2004.93	\$/connection	
Livingstone Shire Council	FN6	F6	Finance	Revenue per property: wastewater	1091.19	\$/connection	
Livingstone Shire Council	FN7	F7	Finance	Total income per property	2850.68	\$/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	196831.882	\$,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 structure Residential.	Text	
Livingstone Shire Council	PR3	P1.2	Pricing	Fixed charge: water supply	666	\$/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	75	kL	
Livingstone Shire Council	PR8	P1.4	Pricing	Usage charge: step 2	1.37	\$/kL	
Livingstone Shire Council	PR50	P1.4a	Pricing	Upper bound of usage: step 2	150	kL	
Livingstone Shire Council	PR10	P1.5	Pricing	Usage charge: step 3	2.77	\$/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	844	\$	
Livingstone Shire Council	PR44	P3	Pricing	Typical residential bill: water supply	909.86	\$	
Livingstone Shire Council	PR31	P4.1	Pricing	Fixed charge: wastewater	813	\$/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	yes	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	813	\$	
Livingstone Shire Council	PR46	P6	Pricing	Typical residential bill: wastewater	813	\$	
Livingstone Shire Council	PR47	P7	Pricing	Total annual residential bill based on 200 kL per annum	1657	\$	
Livingstone Shire Council	PR48	P8	Pricing	Total typical residential bill	1722.86	\$	
Livingstone Shire Council	WA1	W1	Water Resources	Volume of water sourced from surface water	3684	ML	Raw water sourced from Water Park Creek
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	8825.3	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	348.7	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	3450.6	ML	Potable water supplied by RRC
Livingstone Shire Council	WA16	W16	Water Resources	Volume of wastewater, excluding trade waste, collected	1919.8	ML	
Livingstone Shire Council	WA17	W17	Water Resources	Volume of trade waste collected	92.6	ML	
Livingstone Shire Council	WA18	W18	Water Resources	Total volume of wastewater collected	2012.4	ML	
Livingstone Shire Council	WA19	W19	Water Resources	Average volume of wastewater collected per property	191.3	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	23.2	ML	Raw water sourced from bores
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	4507.5	ML	
Livingstone Shire Council	WA207	W9.3	Water Resources	Volume of water supplied to non-residential customers	3271.3	ML	
Livingstone Shire Council	WA21	W21	Water Resources	Volume of recycled water supplied to non-residential customers	1046.6	ML	Equation does not include "Own Use" - overridden
Livingstone Shire Council	WA215	W29	Water Resources	Volume of treated wastewater disposals	1947.8	ML	
Livingstone Shire Council	WA217	W30	Water Resources	Volume of wastewater losses and discharges	4	ML	Major pipe failure caused environmental discharge

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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	1046.6	ML	
Livingstone Shire Council	WA27	W27	Water Resources	Recycled water as a percentage of total wastewater collected	52	%	
Livingstone Shire Council	WA31	W18.5	Water Resources	Volume of treated effluent outflow from wastewater treatment plants	2012.4	ML	
Livingstone Shire Council	WA36	W10.1	Water Resources	Volume of non-revenue water	1502.2	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	3450.6	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	
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	2012.4	ML	
Livingstone Shire Council	WA7	W7	Water Resources	Total volume of water sourced	8204.3	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	7775.7	ML	
Livingstone Shire Council	WA8	W8	Water Resources	Total volume of water supplied to residential customers	4507.5	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	4317.8	ML	