NETWORK ENVIRONMENTAL PERFORMANCE REPORTING 2023/24
DRINKING WATER MEASURES: ORGANISATIONAL-LEVEL

- Complete this page for all Organisational-level measures: try to ensure that each measure has data which is as complete and accurate as possible.
- If data is not applicable, or not available, leave the cell blank (i.e. do not enter a zero).
- Please only enter data in the green or grey cells.

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Outcome	Performance measure	Ref. code	Data points	Units	Example or expected range	Result	Comments; optional, where applicable, or if results are not being submitted	Data confidence (select)
General asset information	Drinking water network information	D-A1	Number of drinking water networks	number	1 to 10	1	Carterton township. By definition Waingawa industrial netwrk supplied from Masterton is not big enough. Guideline deifinition using the meshblocks, the population is 9, so less than 100.	Highly reliable
		D-A2	Number of drinking water treatment plants	number	1 to 10	2	Frederick St, Kaipaitangata	Highly reliable
		D-A3	Number of reservoirs	number	0 to 10	6	Frederick St - 2, Kaipaitangata -2, Dalefield - 2	Highly reliable
		D-A4	Number of pump stations	number	1 to 100	1	Plimsoll St booster	Highly reliable
		D-A5	Total length of drinking water pipe	km	Less than 1,000km	89 km	Assetfinda (Council Asset Register for three waters assets), main, not private	Highly reliable
Environmental and public health is protected	Volume of water abstracted	D-EH5	Water imported from other suppliers	m3/year	0 to 10,000 m3/year	156,402 m3/year	SCADA totalised	Reliable
		D-EH6	Water exported to other suppliers	m3/year	0 to 10,000 m3		no connection out of district	Highly reliable
Services are reliable	Fault attendance and resolution	D-R1	Median time to attend to an urgent fault	hours	20 hours	4 hours	5 reports of 'no water'- related to emergency shut-down, 3hr 50min	Less Reliable
		D-R2	Median time to attend to a non-urgent fault	hours	30 hours	4 hours	There were 212 non-urgent callouts during the period. The median time to attend the callouts was 3 hours and 58 minutes	Less Reliable
		D-R3	Median time to resolve an urgent fault	hours	40 hours	12 hours	5 reports of 'no water'- related to emergency shut-down, 12hr 10min	Reliable
		D-R4	Median time to resolve a non-urgent fault	hours	50 hours	36 hours	The median time to resolve a non-urgent call out from when first reported was 36 hours.	Less Reliable
	System interruptions	D-R5	Number of planned interruptions	number	100	6	Water connections	Reliable
		D-R6	Number of Third-party incidents	number	100	3	FH and Kiwirail incidents	Reliable
		D-R7	Number of unplanned interruptions	number	100	6	Emergency shut-downs	Reliable
		D-R8	Number of urban service connections that experience an unplanned interruption for longer than eight hours	number	50	-	Longest emergency shut-down was completed within 4 hours	Reliable
	Asset condition	D-R9	% of pipes that have received a condition grading	%	85%	51%	Mixture of age and inspection during repairs. Largest proportion is laterals of unknown condition at 46%	Less Reliable
		D-R10	% of pipes in poor or very poor condition	%	5%	8%	Mixture of age and inspection during repairs.	Reliable
		D-R12	Average age of water pipes	years	25 years	32 years		Reliable
		D-R13	% of above-ground assets that have received a condition grading	%	75%	100%	Assetfinda, main, not private	Reliable
		D-R14	% of above-ground assets in poor or very poor condition	%	5%		None noted	Reliable
	Water restriction days	D-R19	Number of days when water restrictions were applied	number	60 days	150 days	10 Nov until 8 April - dry summer water conservation measures- consent condition	Reliable
		D-R20	% of connections affected by water restrictions	%	25%	100%	All connections required to follow water conservation measures	Reliable
	Sufficient fire-fighting water available	D-R21	Have you adopted the FENZ Code of Practice (SNZ PAS 4509:2008)?	Yes/No	Yes	No	Planned adoption in District plan	Less Reliable
		D-R22	% of fire hydrants tested in the previous five years	%	100%	100%	Completed in 2019 by Council - There is no formal agreement with FENZ for fire hydrant testing	Reliable
Resources are used	Use of water resources	D-RE5	Do you have a water conservation education programme in place? Describe the education programme (if there is one in place) in the comments field.	Yes/No	Yes	Yes	Communications over local media, website information, social media and occasional mail-outs	Highly reliable
		D-RE6	Number of residential connections with water meters	number	50,000	3,007	Universal metering, smart meters since 2020	Reliable
		D-RE7	Number of non-residential connections with water meters	number	25,000	260	Jul spreadsheet for non-residential	Reliable
		D-RE8	Number of abstraction points with water meters installed	number	10	5	All bores and stream intakes	Highly reliable
		D-RE9	Frequency that water abstraction meters are calibrated/verified	years	5 years	5 years	Consent condition	Highly reliable

efficiently		D-RE10	Number of water abstraction meters connected to telemetry systems	number	5	5	downstream meters to check accuracy	Highly reliable
		D-RE11	Number of days for which a complete telemetry dataset has been recorded	number	10	365		Reliable
	Energy efficiency	D-RE12	Electricity use	kWh/year	50,000	449,778 kWh/year	Meter readings	Highly reliable
		D-RE13	Energy use from other fuels	GJ/year	2,500	1 GJ/year	estimated 0.5 - 2 hour of test run of generator	Reliable
		D-RE14	Energy generated	GJ/year	0 to 1,000		No generation currently. Solar being installed at Gallon Rd	Highly reliable
	Alternative water use	D-RE15	Volume of recycled water supplied to residential customers	m3/year	0 to 10,000 m3		None noted	Highly reliable
		D-RE16	Volume of recycled water supplied to non-residential customers	m3/year	0 to 10,000 m3		None noted	Highly reliable
		D-RE17	Volume of recycled water supplied to managed aquifer recharge	m3/year	0 to 10,000 m3		None in controlled manner, however stormwater is primarily disposed of to soakage, diffuse form of managed acquifer recharge	Highly reliable
		D-RE18	Volume of urban stormwater reused in network	m3/year	0 to 10,000 m3		None, see above comment	Highly reliable
Services are resilient	**Critical assets**	D-RL1	Have you undertaken an assessment to identify critical assets? Provide comments about your critical assets.	Yes/No	Yes	Yes	Assetfinda - evaulation on standby or alternative pipes, equipement. All water valves assessed in 2024	Reliable
	Disaster response planning and preparedness	D-RL2	Has an emergency response plan been developed? Provide details about your emergency response plan in the comments field.	Yes/No	Yes	Yes	As part of Water Safety Plan	Reliable
		D-RL3	Has a business continuity plan been developed? Provide details about your business continuity plan in the comments field.	Yes/No	Yes	Yes	As part of normal Council business	Reliable
		D-RL4	Date the emergency response plan was last reviewed.	dd-mmm-yy	1-Feb-24	20-Jul-23		Reliable
		D-RL5	Date the business continuity plan was last reviewed.	dd-mmm-yy	1-Mar-24	15-Jul-24	Currently being reviewed	Reliable
		D-RL6	Date when an emergency response exercise was last conducted.	dd-mmm-yy	1-Apr-24		Not performed to knowledge of current officers	Less Reliable
		D-RL7	Date when a business continuity plan exercise was last conducted.	dd-mmm-yy	1-May-24		Not performed to knowledge of current officers	Less Reliable
	Water security	D-RL8	Do you have a strategic plan to address future changes in water supply demand? Please provide details about how you will address future changes in water supply demand in the comments field.	Yes/No	Yes	Yes	Applying for consent to retain surface water supply Kaipaitangata, which has better source water protection. Upgrade to all more continued use of Kaipaitangata. Continue use of bores and upgrade of pH correction. Option assessed to install connecting pipeline to Masterton supply as part of Alternative source water plan.	Highly reliable
	Water restrictions	D-RL9	Number of days that outdoor water use was restricted.	number	2	150	Water restrictions	Reliable
		D-RL10	Number of days that outdoor water use was banned.	number	3	-	None, hand-held watering only but ban was not needed	Reliable
		D-RL11	Were other water restrictions imposed? Please provide details in the comments field about what water restrictions were imposed.	Yes/No	Yes	Yes	Alternate days water, sprinkler ban.	Reliable
Services are economically sustainable	**Actual expenditure (for 2023/24)**	D-ES1a	Total capital expenditure (during the reporting period) to meet additional demand for drinking water services	$000s	$ 50,000k	$ 45k	Alternative water supply, dam review and Kaipatangata reconsenting	Reliable
		D-ES1b	Total capital expenditure (during the reporting period) to replace existing assets or improve the levels of service for drinking water	$000s	$ 50,000k	$ 894k	Renewals contract, including other projects like reactive valve replacements, JNL Flowmeter, Reservoir liner replacements and telemetry upgrades at plants, total comes out $894.5k	Reliable
		D-ES2	Total operating expenditure (during the reporting period) relating to drinking water services	$000s	$ 150,000k	$ 3,185k	Operating cost- actual from performance	Reliable
	Forecast expenditure (for 2024/25)	D-ES3	Total forecast capital expenditure (for the next one year reporting period) for drinking water	$000s	$ 200,000k	$ 1,978k	Capex report - ELT in performance, LTP still with Audit, figure from LTP 21-31 yr 4	Reliable
		D-ES4	Total forecast operational expenditure (for the next one year reporting period) for drinking water	$000s	$ 100,000k	$ 1,125k	LTP still with Audit, figure from LTP 21-31 yr 4	Less Reliable
	Revenue received (for 2023/24)	D-ES5	Total revenue received (for the reporting period) relating to drinking water	$000s	$ 500,000k	$ 2,637k	General ledger report	Reliable