

5.10 Stormwater Group

Te Wai Ua

What we do

We provide a network of stormwater systems throughout the district.

Why we do it

Our Council provides and enhances stormwater networks to protect the community and property within our district from inundation.

We work to ensure stormwater systems minimise contaminants to the district's waterways to protect our environment.

Contribution to community outcomes

The Stormwater Group contributes to the following community outcomes:

A prosperous resilient economy, a place to belong and grow, infrastructure fit for future, Value for money and excellence in local government

- Stormwater networks help to ensure the Manawātū District remains open for business, whilst maintaining public health, and providing capacity and cost certainty into the future.

A future planned together, a prosperous resilient economy, infrastructure fit for future

- Council enables residential, commercial, and industrial growth across our district through well planned stormwater infrastructure investment.

An environment to be proud of, infrastructure fit for future

- The community are connected to our rivers and other water bodies, with impacts from our stormwater networks mitigated wherever possible.

How we do it

We maintain reticulated stormwater systems in Feilding, Rongotea and Sanson including inlets, pipes, open drains, and outlets to receiving environments.

We maintain shared stormwater assets with Council's roading activity in Hīmatangi Beach, Halcombe, Āpiti, Kimbolton, Pōhangina, Rangiwāhia and Cheltenham.

We carry out significant ongoing maintenance to the four rural drainage schemes: Bainesse, Maire, Makowhai and Ōroua.

We engage with local iwi to ensure cultural and environmental wellbeing of waterways and our environment are upheld in the management of stormwater now and into the future.

What we are keeping an eye on

- An increase in impervious areas of sites as a result of residential and industrial development creates additional stormwater run-off. Without successful management via detention, pipe networks, and overland flow, this can create an increase in stormwater ponding in rainfall events.

- There will be circumstances when rainfall exceeds the designed capacity of our district's stormwater systems, resulting in stormwater ponding. To mitigate associated risks, Council designs and protects secondary flow paths to reduce the risk of damage to habitable floors.
- Discharging stormwater which may contain contaminants from urban and industrial environments poses a risk to the life-supporting capacity (mauri) of waterways in our district. Horizons Regional Council through their resource consent process manages environmental effects in the main streams and rivers. Council proactively works to comply with resource consent conditions for our stormwater networks and assets, and also works with property owners to reduce the risk of contaminants entering the stormwater system.
- The community's expectations for stormwater servicing are increasing. This includes expectations for stormwater servicing in rural areas. The costs of providing and improving stormwater infrastructure in some areas of the district may be beyond the ability of the community to pay.

Levels of Service

Level of Service 1		You can expect stormwater system adequacy (Mandatory)					
		Baseline	Actual 2022/23	Target 2023/24	Target 2024/25	Target 2025/26	Target 2026-34
Measure 1	The number of flooding events in the District*	2024/25 (new) <2	1	0	<2	<2	<2
Measure 2	The number of habitable floors affected during each flooding event. (Expressed per 1000 properties connected to Councils stormwater system).	2019/20 0	0.35	<10	<10	<10	<10 to 2031/32, <5 in 2032/33 and 2033/34
		* A flooding event is defined as an overflow of the urban stormwater system that enters a habitable floor.					

Level of Service 2	You can expect us to comply with resource consent conditions for discharge from Council's stormwater systems (Mandatory)
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		Baseline	Actual 2022/23	Target 2023/24	Target 2024/25	Target 2025/26	Target 2026-34
Measure 1	The number of:	2019/20					
	A. Abatement notices	A. 0	A. 0	A. <2	A. <2	A. <2	A. <2
	B. infringement notices	B. 0	B. 0	B. 0	B. 0	B. 0	B. 0
	C. enforcement orders	C. 0	C. 0	C. 0	C. 0	C. 0	C. 0
	D. successful prosecutions received in relation to those resource consents	D. 0	D. 0	D. 0	D. 0	D. 0	D. 0

Level of Service 3		You can expect a timely response to flooding events (Mandatory)					
		Baseline	Actual 2022/23	Target 2023/24	Target 2024/25	Target 2025/26	Target 2026-34
Measure 1	Measuring the median response times to attend a flooding event, measured from the time that Council receives notification to the time that service personnel reach the site or contact the resident	No flooding events occurred during 2019/20	2.65	Within 2 hours	Within 2 hours	Within 2 hours	Within 2 hours

Level of Service 4		You can expect satisfaction with the performance of Council's reticulated stormwater system (Mandatory)					
		Baseline	Actual 2022/23	Target 2023/24	Target 2024/25	Target 2025/26	Target 2026-34

Measure 1	The number of complaints received by Council about the performance of its stormwater system (expressed per 1,000 properties connected to Council's stormwater system)*	2019/20 7.3	2022/23 4.95	<20	<20	<20	<20
	*excludes complaints that do not relate to the service council provides						

Assets and portfolio

109km of stormwater mains

Funding Split

Urban Stormwater (Feilding, Rongotea, Sanson)

100% Rates - 80% Uniform Targeted Rate, 20% General Rate (CV)

Rural Drainage Schemes

100% - Targeted rate (LV) Scheme Specific

Interesting facts and figures

On 16 December 2015, Ngāti Kauwhata, and Manawatū District Council co-signed the Ōroua Declaration to work together as partners and champions for a healthy Ōroua river.

109km of stormwater mains

Capital Projects

- Feilding stormwater investment programme
- Village stormwater upgrade programme

Funding impact statement

Manawatu District Council Funding Impact Statement - Stormwater and Drainage For 1 July 2024 - 30 June 2034 Tauākī Tahua – Te Wai Ua											
	Annual Plan 2024 \$000	Year 1 2025 \$000	Year 2 2026 \$000	Year 3 2027 \$000	Year 4 2028 \$000	Year 5 2029 \$000	Year 6 2030 \$000	Year 7 2031 \$000	Year 8 2032 \$000	Year 9 2033 \$000	Year 10 2034 \$000
Sources of operating funding											
General rates, uniform annual general charge, rates penalties	340	259	324	349	372	397	456	535	612	672	733
Targeted rates	1,517	1,162	1,425	1,532	1,626	1,722	1,968	2,290	2,600	2,847	3,093
Subsidies and grants for operating purposes	0	0	0	0	0	0	0	0	0	0	0
Fees and charges	0	0	0	0	0	0	0	0	0	0	0
Internal charges and overheads recovered	329	346	347	384	396	369	432	449	464	485	493
Local authorities fuel tax, fines, infringement fees and other receipts	14	13	13	14	14	14	15	15	15	16	16
Total operating funding	2,199	1,779	2,110	2,278	2,408	2,502	2,870	3,289	3,692	4,021	4,336
Applications of operating funding											
Payments to staff and suppliers	255	307	294	316	324	333	341	348	356	364	372
Finance costs	715	945	1,060	1,320	1,576	1,738	1,903	2,211	2,508	2,743	3,004
Internal charges and overheads applied	664	527	520	507	468	356	458	474	476	500	518
Other operating funding applications	0	0	0	0	0	0	0	0	0	0	0
Total applications of operating funding	1,634	1,779	1,874	2,142	2,368	2,427	2,701	3,034	3,340	3,607	3,894
Surplus (deficit) of operating funding	565	0	236	136	40	75	168	255	351	414	442
Sources of capital funding											
Subsidies and grants for capital expenditure	0	0	0	0	0	0	0	0	0	0	0
Development and financial contributions	981	1,880	1,529	1,737	1,829	1,943	1,971	2,014	1,977	1,938	1,865
Increase (decrease) in debt	1,275	3,488	(808)	(746)	2,485	4,279	5,703	5,861	4,104	4,006	(2,264)
Gross proceeds from sale of assets	0	0	0	0	0	0	0	0	0	0	0
Lump sum contributions	0	0	0	0	0	0	0	0	0	0	0
Other dedicated capital funding	0	0	0	0	0	0	0	0	0	0	0
Total sources of capital funding	2,256	5,367	721	991	4,313	6,222	7,674	7,875	6,081	5,944	(400)
Applications of capital funding											
Capital expenditure											
- to meet additional demand	251	0	2,701	2,758	371	0	716	615	630	601	3,494
- to improve the level of service	1,712	2,959	1,721	1,772	2,671	3,968	6,095	6,205	4,603	4,581	1,414
- to replace existing assets	64	162	113	116	119	134	126	164	168	172	176
Increase (decrease) in reserves	794	2,247	(3,578)	(3,519)	1,192	2,195	906	1,144	1,030	1,004	(5,042)
Increase (decrease) of investments	0	0	0	0	0	0	0	0	0	0	0
Total application of capital funding	2,821	5,368	957	1,127	4,353	6,297	7,842	8,130	6,432	6,358	42
Surplus (deficit) of capital funding	(565)	(0)	(236)	(136)	(40)	(75)	(168)	(255)	(351)	(414)	(442)
Funding balance	0	(0)	(0)	(0)	0	0	0	(0)	0	0	0