

8. STORMWATER

8.1. What is stormwater

Council manages the stormwater networks that collect run-off from our roads and land in our urban areas. We also make sure that when development occurs, the development has sufficient drainage to adequately dispose of run-off.

8.2. Why do we do stormwater?

Without an appropriate stormwater network we would have problems with our roads, homes and businesses being flooded. It would also result in damage to our roading network.

The stormwater activity contributes to the following outcomes and strategies:

Council Outcome	Council Strategy
Growth	Stormwater infrastructure will be established for the growing developments in the district.
Resilience	The effects of climate change are progressive and apparent through increased rain fall leading to greater maintenance and service requests. Council recognise the need for improved stormwater ways and plan to undertake a number of stormwater way enhancements this LTP period.
Relationships	Engagement: Council will maintain relationships with Iwi regarding Stormwater activities, such as Wai Ora.

8.3. What is planned for stormwater?

Over the next 10 years, Council has the following major projects (over \$100,000) planned for stormwater:

Activity	Major Project	Year/s delivered	Cost \$000	Type of work
Stormwater - Tokoroa	Minor new works projects	2019-2028	125	Renewal
Stormwater - Tokoroa	SH1 Stormwater	2019	180	Renewal
Stormwater - Putaruru	Minor new works projects	2019-2028	112	Renewal

8.4. Significant negative effects

The stormwater activities have the potential to impact negatively on our community and environment. These potential effects, and how Council mitigates them are described below.

Potential negative effect	How it will be mitigated
The stormwater network is not maintained properly which results in system failure.	Council is required to obtain resource consents for its stormwater networks from the Waikato Regional Council. The resource consents have conditions imposed. Regular maintenance and inspections are undertaken.

8.5. How is stormwater funded?

Rates	73%
Subsidies & Grants	0%
User Charges	0%
Reserves	27%

8.6. What you can expect from us

This section describes what level of service you can expect Council to deliver and how we are going to measure our performance. Unfortunately no baseline data for our performance measures is included in this Long Term Plan because most of our performance measures have been updated and we do not hold any baseline data. We will report on our performance towards achieving these standards in upcoming Annual Reports and Annual Plans.

8.6.1. Stormwater

Levels of service

- Council effectively manages stormwater and maintains 116 km of pipes that make up the stormwater networks so that there are no flooding events.
- The network complies with all statutory requirements and that public health and safety risks are minimised. This work includes maintaining the network and monitoring stormwater for contaminants to ensure harmful contaminants do not enter waterways.
- Residents who experience flooding can expect to have the flooding issues investigated by Council in a timely manner.
- The stormwater network is reliable.

8.7. How you can measure our performance

The Following Key Performance Indicators (KPIs) relate to the Stormwater team and are applicable for the 10 years of this LTP:

- Council will have no more than one per 1,000 habitable dwellings flooded during a storm event*.
- Stormwater: There will be no "Formal Enforcement Actions" from the consenting authority (Waikato Regional Council) in regard to Council's compliance with resource consent conditions relating to stormwater.
- Stormwater: The median response times for call-outs in response to a fault or interruption to Council's stormwater reticulation system does not exceed four hours of notice during a flood event. A flood event is defined as an occasion where buildings that are compliant with the Building Code and are serviced by Council's reticulated stormwater system experience flooding.
- Stormwater: The total number of complaints received does not exceed one complaint per 1,000 connections to Council's stormwater system. The total number of rateable properties within the stormwater area is 7686 which allows for a maximum of seven properties to be flooded before the KPI is exceeded. (KPI stormwater connections will be amended per year to account for changes in property numbers in the district)

**A storm event causes flooding to compliant rateable habitable dwellings due to exceeding the design capacity of the stormwater system.*

8.8. The financials

Funding Impact Statement - Stormwater
For the year commencing 1 July

Annual Plan	LTP	LTP	LTP	LTP	LTP	LTP	LTP	LTP	LTP	LTP	
2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	
\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	
SOURCES OF OPERATING FUNDING											
Rates Revenue:											
Targeted Rates	680	703	843	815	969	887	1,025	942	1,000	958	1,065
TOTAL OPERATING FUNDING (A)	680	703	843	815	969	887	1,025	942	1,000	958	1,065
APPLICATION OF OPERATING FUNDING											
Payments of staff & suppliers	172	230	251	157	247	165	258	173	271	182	286
Finance Costs	-	-	5	7	7	7	7	7	7	7	7
Internal charges & overheads applied	94	139	158	165	162	160	168	169	173	177	179
TOTAL APPLICATIONS OF OPERATING FUNDING (B)	266	369	414	329	416	332	433	349	451	366	472
SURPLUS (DEFICIT) OF OPERATING FUNDING (A-B)	414	334	429	486	553	555	592	593	549	592	593
SOURCES OF CAPITAL FUNDING											
Increase (decrease) in debt	-	64	72	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
TOTAL SOURCES OF CAPITAL FUNDING (C)	-	64	72	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
APPLICATION OF CAPITAL FUNDING											
Capital expenditure:											
- to replace existing assets	111	256	104	80	34	90	30	37	38	39	40
Increase (decrease) in reserves	(81)	(256)	(27)	(80)	6	(49)	10	3	(37)	(38)	(39)
Increase (decrease) in investments	384	398	424	480	507	508	546	547	542	585	586
TOTAL APPLICATIONS OF CAPITAL FUNDING (D)	414	398	501	480	547	549	586	587	543	586	587
SURPLUS (DEFICIT) OF CAPITAL FUNDING (C-D)	(414)	(334)	(429)	(486)	(553)	(555)	(592)	(593)	(549)	(592)	(593)
FUNDING BALANCE ((A-B)+(C-D))	-	-	-	-	-	-	-	-	-	-	-