

9. SOLID WASTE AND RECYCLING

9.1. What is solid waste and recycling?

Council makes sure that our waste and recycling is disposed of responsibly. We operate the Tokoroa Landfill and the transfer station in Putāruru. We undertake household refuse and recycling collections in our urban areas and we have recycling stations in our towns as well as at Waotu. We provide rubbish bins in public places, pick up litter that is dropped in our town centres and issue litter infringements to those who dump rubbish in inappropriate places.

9.2. Why do we do solid waste?

If waste is disposed of irresponsibly, it can be very harmful to our health and to our environment. Disposing of rubbish responsibly helps to make our district look tidy.

The solid waste and recycling activity contributes to the following outcomes:

Council Outcome	Council Strategy
Growth	Council will plan for increasing levels of solid waste and impacts from growth in the district.
Resilience	Engagement: Council will maintain relationships with Iwi regarding Stormwater activities.
Relationships	Engagement: Council will maintain relationships with various cultural regarding solid waste activities.

9.3. What is planned for solid waste?

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

Major Project	Year/s delivered	Cost \$000	Funding source
Solid Waste disposable - landfill future and transfer station	2019-20	4,805	Renewal
Landfill capital programme	2019-28	239	Renewal
Landfill Aftercare	2019-28	609	Renewal

For more in-depth discussion on the topics above please refer to the following sections of the LTP Chapter 1: Section 2.4 Key Issues for the Long Term Plan 2018-28 and Section 2.6.6.5 Major Infrastructure Projects.

9.4. Significant negative effects

The solid waste and recycling 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
Inappropriate disposal of waste results in adverse effects on the environment.	<p>Landfill users are encouraged to separate chemicals, batteries and used oil from waste so it can be treated appropriately.</p> <p>The landfill is lined to collect leachate which is then pumped into the Tokoroa wastewater system.</p> <p>Discharges from the Tokoroa Landfill, Putāruru Transfer Station and the former Tīrau Landfill are monitored and the results are reported to the Waikato Regional Council.</p> <p>A reduction of total waste is encouraged through realistic charges and the promotion of recycling.</p> <p>Green waste is diverted from the landfill and is mulched so that it can be reused.</p>
Unanticipated growth rates and/or demolition leading to increased rubbish disposal and greater dumping into the landfill.	<p>Council will persistently monitor for acceptable levels of solid waste disposed into the landfill. Council's service team will enable efficient planning for consent processes and options for growth and new development.</p>

9.5. How is solid waste and recycling funded?

Rates	36%
Subsidies & Grants	6%
User Charges	51%
Reserves	7%

9.6. 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.

9.6.1. Landfills

Level of service

Council has only one operational landfill site, located just outside Tokoroa which services the district. The closed landfills in Putaruru and Tirau are subject to aftercare. A transfer station with greenwaste mulching is located in Putaruru serving the northern part of the district. There is also a recycling facility in Tokoroa which was constructed in order to encourage the volume of recycling in the district to increase. All sites are managed in accordance with Council's Solid Waste Site Management Plans. The Tokoroa landfill is planned to close by 2022 when it is full. At that stage Council will either build a new landfill cell, partner with other territorial authorities to build a regional facility or transport to a commercial landfill out of the district. It is feasible that the current recycling facility in Tokoroa will be upgraded and used as a transfer station.

9.6.2. Household refuse and recycling collection

Level of service

Council provides a weekly kerbside refuse and fortnightly kerbside recyclable collection service for defined areas (mostly urban) in Arapuni, Putaruru, Tirau and Tokoroa.

9.7. How you can measure our performance

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

- There will be no 'Formal Enforcement Actions' from the consenting authority in regard to Council's compliance with resource consent conditions.
- The amount of waste that is recycled must not be less than 10% of the residual waste* sent to landfill.
- 90% of enquiries and service requests relating to refuse collection are responded to within 2 working days of notice.
- 90% of enquiries and service requests relating to recycling collection are responded to within 2 working days of notice.

From Year 2 onwards, we will introduce a resolution KPI: this will capture when service requests were completed and closed.

- 100% of enquiries and service requests relating to refuse collection are resolved within 3 working days of notice.
- 100% of enquiries and service requests relating to recycling collection are resolved within 3 working days of notice.

**Residual Waste is the gross tonnages over the weighbridge less cover material sewage sludge greenwaste and metal/timber fractions.*

9.8. The financials

Funding Impact Statement - Solid waste & recycling

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:											
General Rates, Uniform Annual General Charges, rates penalties	511	367	511	1,379	1,380	1,386	1,414	1,427	1,448	1,475	1,510
Targeted Rates	812	784	835	923	978	992	1,016	1,034	1,055	1,084	1,065
Other Revenue:											
Subsidies & grants for operating purposes	88	130	133	136	139	142	146	149	153	157	161
Fees, charges & targeted rates for water supply	1,274	1,610	1,645	1,682	1,721	1,761	1,803	1,848	1,895	1,945	1,998
Local authorities fuel tax, fines, infringement fees, and other receipts	80	90	92	94	96	98	101	103	106	108	112
TOTAL OPERATING FUNDING (A)	2,765	2,981	3,216	4,214	4,314	4,379	4,480	4,561	4,657	4,769	4,846
APPLICATION OF OPERATING FUNDING											
Payments of staff & suppliers	2,031	2,236	2,305	2,913	2,980	3,050	3,122	3,200	3,281	3,367	3,460
Finance Costs	87	87	145	317	313	309	305	300	295	291	286
Internal charges & overheads applied	439	529	605	627	620	616	643	648	661	683	688
TOTAL APPLICATIONS OF OPERATING FUNDING (B)	2,557	2,852	3,055	3,857	3,913	3,975	4,070	4,148	4,237	4,341	4,434
SURPLUS (DEFICIT) OF OPERATING FUNDING (A-B)	208	129	161	357	401	404	410	413	420	428	412
SOURCES OF CAPITAL FUNDING											
Increase (decrease) in debt	(66)	77	4,528	(270)	(274)	(278)	(283)	(287)	(292)	(298)	(303)
TOTAL SOURCES OF CAPITAL FUNDING (C)	(66)	77	4,528	(270)	(274)	(278)	(283)	(287)	(292)	(298)	(303)
APPLICATION OF CAPITAL FUNDING											
Capital expenditure:											
- to replace existing assets	209	368	4,994	378	37	40	35	36	50	64	98
Increase (decrease) in reserves	(96)	(178)	(336)	(512)	(128)	(129)	(121)	(119)	(130)	(140)	(198)
Increase (decrease) in investments	29	16	31	221	218	215	213	209	208	206	209
TOTAL APPLICATIONS OF CAPITAL FUNDING (D)	142	206	4,689	87	127	126	127	126	128	130	109
SURPLUS (DEFICIT) OF CAPITAL FUNDING (C-D)	(208)	(129)	(161)	(357)	(401)	(404)	(410)	(413)	(420)	(428)	(412)
FUNDING BALANCE ((A-B)+(C-D))	-	-	-	-	-	-	-	-	-	-	-