



Waste Management & Minimisation Plan

Hurunui District Council

July 2023

Hurunui District Council

Waste Management and Minimisation Plan

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Hurunui District Council

Waste Management and Minimisation Plan

Executive Summary

This is the third Waste Management and Minimisation Plan (WMMP) prepared by Hurunui District Council (the Council). The first WMMP, adopted in 2012, was revised in 2014 and has been reviewed as part of the preparation for this plan.

This WMMP has been adopted by the Council and identifies the specific goals, objectives, and targets for managing and funding solid waste in Hurunui for six years from 1 July 2023. These activities are detailed and will be included in the Council's Long-Term and Annual Plans to ensure resourcing can deliver. Some activities are ongoing; others can be implemented immediately, but due to cost or external factors, some will need introducing over a longer timeframe, so not to impact significantly on ratepayers.

In preparing the plan, consideration was given to the findings of the Waste Assessment (WA), Council's legislative obligations and the need to provide customer focussed and provide efficient waste and recycling services at an affordable cost. The Council has been mindful when preparing the WMMP, that despite ratepayers being conscious of their environmental responsibilities, they still expect minimal rate increases.

The key information that has shaped the draft WMMP and its actions includes the following.

- The Council has a statutory duty to reduce the harmful effects of waste, improve the efficiency of resource use and ensure the protection of public health.
- The need to improve recycling performance and divert increased volumes from landfill.
- Improving the Council's performance in the upper levels of the waste hierarchy.
- Legislative changes affecting the ability to export recycling for processing and the need to conform to the requirements of central Government.
- On-going needs to minimise contamination levels to meet market requirements.
- Improving access to services for those not on kerbside collection routes.
- Options to reduce the volumes of food and green waste landfilled.
- The Council does not presently have a solid waste bylaw.

Council recognises that one size does not fit all and so commits to work to reflect local needs and requirements to manage waste and recycling as far as is practicable and affordable. To summarise the proposed activities are:

- Work to reduce the total quantity of waste sent to landfill.
- Work to deliver consistent and effective communication and education around waste and recycling services and waste minimisation, so households, businesses and the community are supported to play their part to manage the waste they generate.
- Work with local businesses and organisations to promote waste reduction locally.

- Use Council influence to advocate for increased or mandatory producer responsibility for problematic wastes e.g. tyres and farm waste.
- Support farm waste recycling events, and schemes.
- Work with providers to identify efficiencies to maintain or improve service levels.
- Embrace new waste and recycling technologies and initiatives.
- Consider the environmental and health and safety impacts of options and ensure these are considered through Council's decision-making process.
- Consider implementing a solid waste bylaw to help set standards and gather data to plan and manage waste better.
- Work with other Council's, central government, and industry to address concerns.
- Ensure Councils closed landfills, cleanfill and transfer stations meet their consent conditions.
- Work to secure external funding streams to reduce the financial burden on ratepayers.

Actions in this WMMP will be implemented on the proviso, they are efficient, effective, and affordable. Council will continually review services to ensure they meet these requirements, which may result in changing how some are delivered to ensure they remain economic, efficient, effective and customer focused.

Section 1 - Introduction

This section explains the WMMPs purpose, scope, background, and status of the current plan.

Purpose of the Plan

Under Section 50 of the Waste Minimisation Act 2008 (WMA), Councils must review their WMMP every six years. This includes completing a WA and considering its findings when completing the WMMP to ensure both are prepared in accordance with the Act's requirements.

Following the waste assessment completion and review, this document presents the Council's proposed WMMP, which is intended to set the priorities and strategic framework for managing waste in Hurunui. Once adopted, its actions will be included in the Activity Management Plan (AMP), Long Term Plan (LTP) and Annual Plans (AP) to ensure resourcing is available at an acceptable cost to the community.

Scope of the Plan

To ensure it meets the needs of the WMA, this WMMP provides the following:

- a) Vision, objectives, and policies for achieving effective and efficient waste management and minimisation.
- b) Methods (strategies, objectives, policies, and activities) for achieving effective and efficient waste management and minimisation, including:
 - i. collection, recovery, recycling, treatment, and disposal services to meet current and future waste management and minimisation needs.

- ii. any waste management and minimisation facilities provided, or to be provided and
 - iii. any waste management and minimisation activities, including educational or public awareness activities, provided or to be provided by.
- c) How implementing the plan will be funded.
- d) Whether Council wishes to make grants or advances of money in accordance with Section 47 of the WMA.

When preparing this WMMP, the hierarchy of reduce, reuse, recycle, recover, treatment and disposal, the needs to reduce the harmful effects of waste and improve resource efficiency are considered.

This WMMP concentrates primarily on solid waste¹ and diverted materials and excludes the management of biosolids and liquid wastes (these are addressed separately within Council). It also acknowledges Council does not have a direct involvement in the management of all waste produced or disposed of locally.

A glossary of terms is in appendix 1.

Current Status of the Plan

Council adopted its previous WMMP in 2012; this was revised in October 2014, following changes to contractual arrangements, opening a new transfer station in Amberley and the introduction of official refuse and recycling bags. It is acknowledged some amendments maybe required during the life of the plan, in response to external and non-controllable factors, such as market demand for recyclables, so on-going monitoring will be undertaken.

Review of the Plan

The WMMP covers a six-year period from adoption. In line with the requirements of section 50 of the WMA, it must be reviewed within 6 years.

In the event of significant changes to how waste or recycling is managed before the end of six years, Council may review any or all aspects of the WMMP if circumstances justify, but consultation or completing a WA will not be required.

Summary of Previous Plan Review

The WA was prepared in mid-2020 and covers July 2011 to June 2019. Data from a longer timeframe demonstrates how much waste and recycling has fluctuated during this time.

The WA was presented to Council in July 2020 with the recommendation to endorse the writing of a new WMMP and revoke the 2014 WMMP for the reasons below.

- Since the last WMMP was written, there has been a significant growth in waste, recycling, and population in Hurunui.

¹ Solid waste is kerbside waste and recycling, litter bin waste, recycling via drop off bins, illegally dumped waste, transfer station waste and waste from council provided services.

- The Waiiau/Kaikōura 2016 earthquake and Covid-19 have significantly impacted on waste services and infrastructure.
- There have been several changes to how Council provides services and the schemes available, the WMMP needs to incorporate these.
- Council is required to undertake consultation of the WMMP; therefore, it is not considered logical to consult on the previous plan for a second time.

Consultation on this WMMP has been held back due to the impact and pressures of Covid.

Section 2 - The Waste Situation

This section provides information on waste and recycling services in Hurunui and a summary of information provided in the WA.

Waste and recycling is managed by Council’s Compliance and Waste Team, with services contracted predominately to Waste Control NZ Ltd. The contractors in table 1 also provide services to Council at the time of writing.

Table 1: Waste and Recycling Contractors

Contractor	Services
Agrecovery – Rural Recycling Programme	Agricultural chemical container and drum recycling HDPE (participating) agri-bag recycling Agri-chemical recycling
ChemWaste Ltd and EnviroWaste Services Ltd	Hazardous waste recycling and disposal
Container Waste Ltd	Glass transportation and processing
EcoCentral Ltd	Paper, cardboard, food and drink cans, small plastic bottles, and containers (types 1, 2 and 5) sorting
Firespec Ltd	Fire extinguisher recycling
Salters	Engine oil recycling
Interwaste Christchurch	Fluorescent tube and compact bulb recycling
Burnside Contracting	Green waste mulching
Metal Corp NZ Ltd	Metal, whiteware, car batteries, gas bottles and e-waste recycling
Dominion Metals	Car battery and e-waste recycling
Textile Recycling Centre	Clothes and shoe recycling
E-Cycle Ltd	Small battery and power tool battery recycling
Recycling Group (2019) Ltd	Toner cartridge and drum recycling
Transwaste Canterbury Ltd	Waste disposal
Seatsmart	Child car seat recycling
Tyre Collection Services Ltd	Tyre shredding and recycling

Summary of Current Volumes

Council provides most of the waste and recycling services to households and businesses in Hurunui, so can accumulate data regarding volumes and composition from its kerbside collections and five transfer stations.

Waste and recycling leaving Amberley transfer station is weighed. EcoCentral, Transwaste Canterbury, Metal Corp and Container Waste submit tonnage information monthly, others provide a ticket at the time of collection.

Council does not operate a landfill. Residual waste from Hurunui is disposed of at Kate Valley regional landfill at Waipara. Waste from Amberley, Cheviot, Culverden, Hanmer Springs and Waiau transfer stations is recorded by transfer station on arrival at Kate Valley.

Some waste and recycling from Waimakariri and Christchurch is disposed of via Amberley transfer station, so not all waste and recycling managed locally originates in Hurunui; these specific volumes are unknown.

Table 2 shows how tonnages fluctuate, with recycling and diversion increasing from 28.56% in 2016/17 to 34.09% in 2021/22. For accuracy, only verified tonnages are reported. Waste to landfill increased in 20/21 and 21/22, this is attributed to the impact of Covid-19 with increased consumer spending due to compulsory lockdowns and the closure of borders.

Table 2: Waste and Recycling Tonnages

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Landfill Waste	3556.68	3484.16	3323.90	3196.36	3742.96	3792.58
Recycling	1422.02	1684.77	1719.28	1530.60	1596.08	1962.06
Recycling %	28.56%	32.59%	34.09%	32.3%	29.89%	34.09%

Recycling changes are attributed to several factors including a new transfer station in Amberley, additional options for recycling being provided, increased education and community engagement and new contractual arrangements for recycling.

Section 44(b) of the WMA states when preparing, amending, or revoking a WMMP a territorial authority must ensure that the collection, transport, and disposal of waste does not, or is not likely to, cause a nuisance. It remains a priority of Council to ensure waste does not cause a nuisance by maximising loads transported, running dual collections and where possible backloading recycling to Christchurch to minimise truck movements.

Hurunui's per capita rate² for waste is lower than the national average of 580kg / year, as shown in table 3.

Table 3: Hurunui per Capita Waste

	2017-18	2018-19	2019-20	2020-21	2021-22
Per Capita Waste	399kg	384kg	354kg	396kg	419kg

² Per capita measures the waste generated per person and is a nationally used method.

Overview of Existing Services

In Hurunui, there are no privately operated transfer stations, but there are several private operators offering waste and recycling collections to businesses and households.

Collection Services

The options for waste and recycling collections in Hurunui are summarised below, further information is provided in the WA.

- Weekly kerbside waste and recycling collections from urban households and businesses and those rural properties using a Council drop off point or located on-route.
- Private household and commercial collections of waste and recycling – urban and rural.
- Waste and recycling from Council services i.e. litter bins, libraries, cemeteries, public conveniences, and campgrounds.

Clear recycling sacks were introduced in 2014 to allow identification of contamination at the collection point, resulting in a significant improvement in recycling quality. To be processed at EcoCentral, recycling must have a contamination level under 10%, so clear sacks prevent concealment of waste; contamination levels are provided in table 4. No recycling from Hurunui has been rejected by EcoCentral, and Council has received significant praise for its recycling which continued normally through Covid.

The used (empty) plastic recycling bags are recycled via the Agrecovery HDPE recycling scheme, providing they are clean and dry. This is at no cost to Council.

Table 4: Recycling Average Yearly Contamination Levels at EcoCentral

Contamination Rate Kerbside and transfer station	17/18	18/19	19/20	20/21	21/22
Average Contamination Rate	2.73%	1.40%	1.69%	2.34%	1.92%

Via the collections, paper, cardboard, plastic bottles, and containers (types 1, 2 and 5), food and drink cans are accepted. Glass is collected from households in Hanmer Springs, for this an additional rate is paid; but contamination is a problem.

Being a small in terms of population, but covering a wide geographical area presents challenges including reduced commodity prices due to smaller volumes, space limitations, insufficient infrastructure, and the need to achieve transport efficiencies. EcoCentral process Council's recycling and where possible Council backload to reduce truck movements.

Disposal and Diversion Infrastructure

There are several options in Hurunui for recycling or diversion; these are as follows.

- Council owned Amberley, Cheviot, Culverden, Hanmer Springs and Waiau transfer stations and cleanfill site.

- Transfer stations or cleanfills in neighbouring districts.
- Household and commercial collections by private contractors or skip companies.
- EcoCentral recycling processing facilities and private company sorting facilities.
- 24/7 recycling bins outside the transfer stations and in townships.



Photos: Amberley and Waiiau transfer stations

Overview of Existing Infrastructure

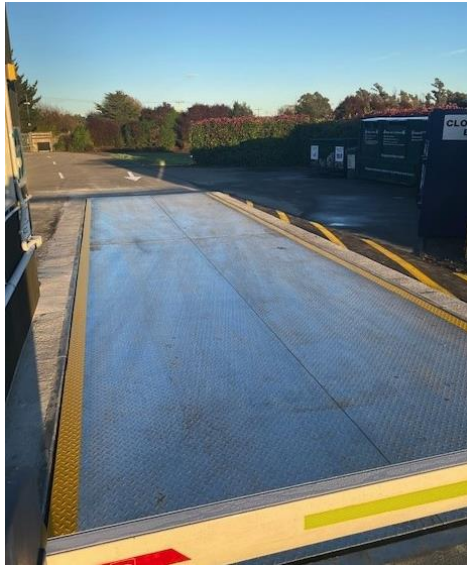
Waste and recycling infrastructure is owned by the Council and its contractor, with each transfer station having a compactor, container/s for glass, mixed recycling, e-waste, metal and whiteware, receptacles for batteries (household and car), paint, lighting tubes and bulbs, toners, and gas bottles. 24/7 recycling bins and if applicable a green waste area.

Efficient operation is imperative to maximise diversion from landfill, so a range of options are offered to incentivise waste diversion. To allow for future development and population growth, infrastructure works are included in Councils Long Term Plan, with income from material sales helping to fund infrastructure to reduce the financial burden on ratepayers.

Where possible, external funding is applied for to reduce the cost to ratepayers, to date, the Waste Minimisation Fund has covered the cost of the following.

- Hanmer Springs transfer station weighbridge.
- Waiiau transfer station – rebuild costs on a new site following the earthquake.
- Amberley transfer station cleanfill area.
- Two open top hook bins.
- Paint recycling containers for all transfer stations.

Recent infrastructure works include installing a second weighbridge at Amberley, a new green waste recycling area at Hanmer Springs and improving the Culverden transfer station.



Photos: Amberley transfer station weighbridge and Hanmer Springs green waste area.

Table 5 summarises the materials diverted by transfer station; each has infrastructure to receive each product according to safety standards.

Table 5: Transfer Station Recycling

Material Type	Amberley	Cheviot	Culverden	Hanmer Springs	Waiau
Glass bottles	✓	✓	✓	✓	✓
Plastic types 1, 2 and 5	✓	✓	✓	✓	✓
Food and drink cans	✓	✓	✓	✓	✓
Paper and cardboard	✓	✓	✓	✓	✓
Metal and whiteware	✓	✓	✓	✓	✓
Clothing	✓				
Green waste	✓	✓		✓	
Cleanfill	✓	Small amounts can be mixed with glass bottles			
E-waste	✓	✓	✓	✓	✓
Vehicle batteries	✓	✓	✓	✓	✓
Lighting tubes and bulbs	✓	✓	✓	✓	✓
Household batteries	✓	✓	✓	✓	✓
Engine oil	✓	✓	✓		
Toner cartridges / drums	✓	✓	✓	✓	✓
Gas bottles	✓	✓	✓	✓	✓
Paint	✓	✓	✓	✓	✓
Tyres	✓	✓	✓	✓	✓
Household chemicals	✓				
Child car seats	✓	✓	✓	✓	✓
Ag plastic containers		✓	✓		✓
Ag plastic HDPE bags	✓				

In Hurunui 24/7 glass recycling drop-off containers in Hanmer Springs, Waiiau, Culverden, Cheviot, Amberley, and Gore Bay are provided.



Photos: Hanmer Springs and Amberley 24/7 recycling bins

There over 200 litterbins to maintain a clean district, the type depends on the level of use.



Photos: Cheviot and Culverden litter bins

Table 6 summarises waste and recycling infrastructure according to its position on the waste hierarchy and indicates whether Council or contractor owned.

Table 6: Waste and Recycling Infrastructure

Purpose	Equipment Owned by Hurunui Council	Contractor Owner Equipment
Re-use	Engine oil containers x 3 Paint containers x 6 Signage	Agrecovery container x 3 Textile recycling bins x 2 Car seat storage cages x 2 Agrecovery recycling cage x 1
Recycle	Dry recycling bins x 7 Open top bins x 13 Recycling bins x 15 Recycling bin trailers x 2 Hazardous waste containers x 2 Gas bottle cages x 5 Vehicle battery bins x 5	Recycling trailers x 2 Open top hook bins x 2 Scrap metal bin x 1 Glass hook bin x 1 E-waste container x 1

	Household battery bins (external) x 5 Household battery bins (internal) x 4 Storage shipping containers x 2 Event recycling bins Forklift Signage	
Disposal	Compactors x 2 Compactor hook bins x 4 Public weighbridge, monitors, and software x 3 Weighbridge reader x 6 Under bin weighbridge x 2 Loader x 1 Litter bins x 211 and 3 x Big Belly bins Signage	Compactors x 5 Compactor hook bins x 10 Trucks x 4 Loader x 1
Facilities	Transfer stations x 5 Cleanfill site – Amberley Green waste storage site Closed landfills x 6	Not applicable

Council Supported Initiatives for Education and Behaviour Change

Council supports waste reduction and diversion initiatives including the following.

- Funding an Education Officer for 24 hours a week promoting waste minimisation and recycling in schools and pre-schools and providing transfer station tours.
- Funding a Waste and Compliance Support Officer to engage with businesses to support waste reduction and recycling for 24 hours per week.
- Funding three staff to work in the Amberley and Hanmer Springs weighbridge; each are part time roles, and staff are trained to provide on-site education.

Communication and Events

- Communicating waste and recycling information via the local press, community and school newsletters, flyers, mail outs, social media, Council website and library displays.
- Interactive sessions at community group meetings including composting workshops.
- Production of a quarterly newsletter for recycling, distributed via social media, Council website, and inclusion of the link in the rates newsletter.
- Engaging Kate Meads to provide food waste reduction and recycling workshops.
- Provision of an Events Guide – Recycling and Waste Minimisation
- Event recycling bins for hire to encourage waste minimisation and diversion.
- Attendance at events including town shows and Cheviot Spring Festival.



Photos: Leaflets promoting kerbside and green waste recycling

Schools and Pre-Schools Education

- Supporting schools and community groups to apply to the Canterbury Waste Joint Committee for funding for reduction and recycling programmes; this includes two schools running litter free lunches and composting programmes in the 22/23 year.
- Behind the scenes tours of Amberley transfer station.
- Provision of a Waste and Recycling Education Pack for Schools and Pre-Schools.

Joint Initiatives

- Working with Canterbury Councils on a range of projects including battery and e-waste recycling, both are now permanent recycling programmes in Hurunui.



Photos: Battery bins at Hanmer Springs and Culverden transfer stations.

- Promoting the national campaigns including the Love Food, Hate Waste Campaign and Keep New Zealand Beautiful Clean-up week.
- Supporting local re-use and recycling schemes including Amberley Lions and a local business re-using plastic milk bottle lids.
- Promoting the Refill NZ project, SeatSmart Recycling, Plasback and Agrecovery schemes and providing funding for Agrecovery chemical collections.



Photos: Agrecovery recycling events at Amberley and Culverden transfer stations.

Other

- Providing drop off points at libraries for wine and plastic bottle lids and small batteries.
- Selling bokashi food waste and pet waste composting kits via Amberley and Hanmer Springs transfer stations, the Council offices, and local libraries.



Photos: Bokashi kits for food and animal waste sold via Council outlets

Summary of District Specific Issues

Table 7 summarises the district specific issues and recommended methods or processes to address them. Some are outside of the Councils control, but need considering, as they have the potential to impact on the provision of services locally.

Table 7	Issues / Opportunities	Methods or Processes to Address Them
Kerbside Collections	<ul style="list-style-type: none"> • Increasing urban population and new subdivisions requiring a collection for waste and recycling. • Increasing rural population requiring a collection for waste and recycling. • Collections do not incorporate private rights of way and in new subdivisions, spacing for trucks to turn safely is often insufficient. • Availability of refuse and recycling bags for purchase. • A low rating base, covering a wide geographical area. 	<ul style="list-style-type: none"> • Work in conjunction with Council’s contractor to integrate new properties into collection rounds and working to improve the engagement and communication with new homeowners. • Increasing the number of rural drop off points and notifying the community of their location. • Good internal communication needed to ensure such concerns are considered at the planning stage. • Work with outlets to ensure bags are always available, orders are processed promptly, and all areas have a choice of purchasing outlets in close by. • Ensure user pays refuse and recycling bags are used to assist with covering the cost-of-service provision by being user pays. • Ensure urban properties are correctly rated and new properties rated promptly.
	<ul style="list-style-type: none"> • Increasing cost of disposing of waste to landfill. • On-going increases to the landfill levy. • Possible reluctance by some to pay the ‘actual’ cost of disposal via the collection service. 	<ul style="list-style-type: none"> • Continue to monitor potential upcoming changes. • Provision in budgets to review pricing during the year to allow for unforeseen price changes. • Ensure non-Council refuse and recycling bags are stickered and left to educate and prevent a cost to council.

	<ul style="list-style-type: none"> • Demand to provide wheelie bins for waste and/or recycling. 	<ul style="list-style-type: none"> • Ascertain the cost to ratepayers to provide wheelie bins for waste and/or recycling and determine the impact on contamination and recycling rejection levels compared to the present model.
	<ul style="list-style-type: none"> • Refuse bags placed out late and missing the collection. • Use of non-Hurunui Council refuse bags. • Disposal of non-acceptable, dangerous, clinical, or hazardous waste in the refuse bags. 	<ul style="list-style-type: none"> • Reminders via various media forms regarding collection times. • Continue to sticker and leave and contact residents direct to educate and inform. • Continue to sticker and leave to educate and inform and if repetitive, contact property owners direct.
	<ul style="list-style-type: none"> • Commercial and household refuse bags containing materials unsuitable for recycling. • Food waste in refuse bags and the need to reduce organic waste. 	<ul style="list-style-type: none"> • Reminder notices via local outlets regarding recycling options locally and contacting people direct. • Publicise composting and provide information on options for food waste by engaging Kate Meads, promoting composting at public events and via the work of the Education Officer.
	<ul style="list-style-type: none"> • Recycling bags placed out late resulting in missing the collection. • The use of non-acceptable bags or containers for placing recycling out for collection in. 	<ul style="list-style-type: none"> • Reminders notices regarding collection times. • Continue to sticker and leave and contact residents to educate and inform.
	<ul style="list-style-type: none"> • Recycling bags containing waste or materials not accepted at the kerbside for recycling. 	<ul style="list-style-type: none"> • Continue to sticker and leave to educate and inform. • Undertaking kerbside audits. • Continual publicise what is acceptable.
	<ul style="list-style-type: none"> • Risk of injury from manually handling refuse and recycling bags. • Risk of injury lifting overweight glass boxes in Hanmer Springs. 	<ul style="list-style-type: none"> • Monitor the contractor's safe work procedures. • Monitor the monthly reports from the contractor regarding accidents, incidents and near misses. • Undertake joint risk assessments of work areas.

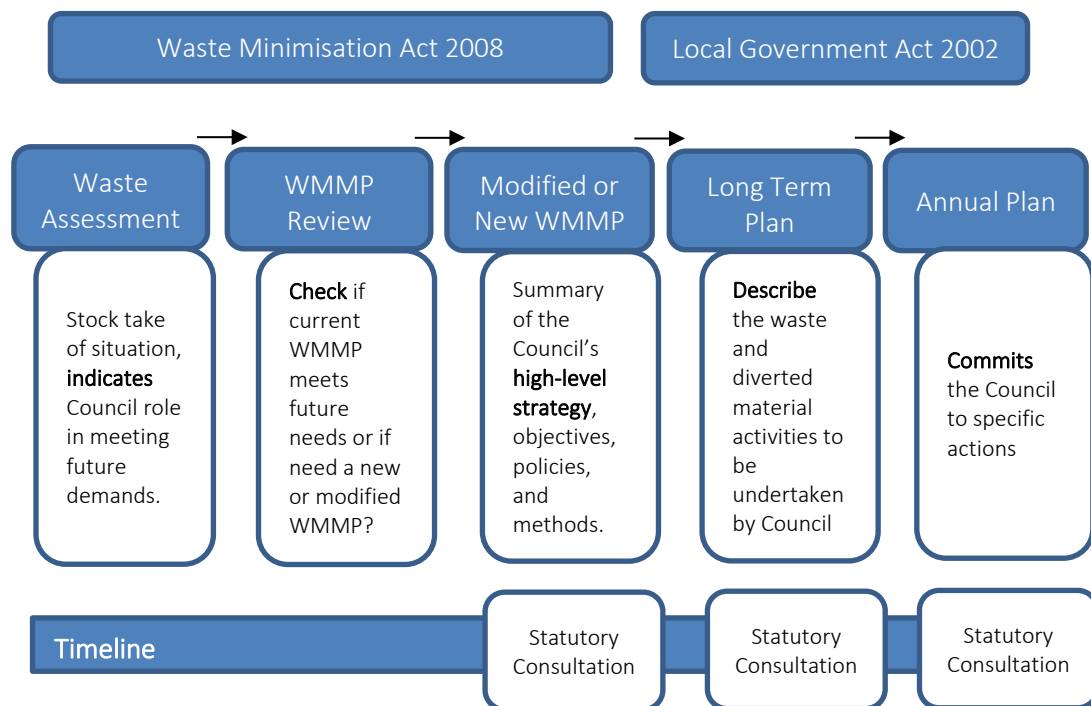
Transfer Stations	<ul style="list-style-type: none"> • Reluctance of site users to pay gate fees. • Reluctance of site users to conform to recycling sorting procedures. • Increased requirement to ensure contamination levels of recycling are minimal at EcoCentral. • Need to discourage burying and burning of agricultural waste. 	<ul style="list-style-type: none"> • Clear communications regarding service costs. • Charging contaminated recycling as waste. • On-going communications through a range of media sources, clear signage at transfer stations and approachable site staff. • Continue to support and promote Agrecovery and Plasback and engage with the community to encourage support.
	<ul style="list-style-type: none"> • Demand to increase the materials accepted for recycling. • Need to adhere to Government legislation. • Difficulties to adhere to increasing tightening of controls of overseas markets for recycling and banning the exporting some materials. 	<ul style="list-style-type: none"> • Work to increase the range of recycling providing achievable in an environmentally and economically efficient manner. • Ensure relevant legislation is met within the required timeframes. • Continue to ensure contamination is minimised and sufficient lead in time provided to enable the community to adapt to changes.
	<ul style="list-style-type: none"> • Demand to increase the opening hours of the transfer stations. • Need to renew, improve, and update site infrastructure- including a new transfer station in Cheviot to overcome space restrictions, provide upgraded facilities and safe traffic flow. • Need to install weighbridges at some northern transfer stations to allow accurate charging and the receiving of commercial waste. 	<ul style="list-style-type: none"> • Ascertain the cost to the community, the implications of and the barriers to increasing opening hours. • Through the Asset Management Plan for Waste, incorporate a forward programme for infrastructure renewal and improvements and include in Councils Long Term Plan to ensure costs are recoverable.
Hazardous Wastes	<ul style="list-style-type: none"> • Reducing the impact of hazardous waste disposal. 	<ul style="list-style-type: none"> • Continue to educate the community regarding safely handling hazardous waste and accept hazardous waste via transfer stations. • Support national hazardous waste recycling programmes. • Continue to promote paint re-use via the transfer stations.

Transportation	<ul style="list-style-type: none"> • Environmental and economic cost of transportation of recycling to Christchurch. • Use shredded green waste for weed suppression at transfer stations and offer for sale via Amberley and Hanmer Springs site. • Increase in trip numbers from northern areas as volumes grow. 	<ul style="list-style-type: none"> • Where viable, backload recycling to Christchurch using empty trucks returning from Kate Valley. • Backload shredded material to sites in empty hook bins and continue to work with Councils appointed contractor to ensure loads are maximised and efficiencies achieved.
Recycling Processing	<ul style="list-style-type: none"> • Market uncertainty for recyclables. • Closure and/or restrictions of overseas markets for recycling. • Increased per tonne charge to process recycling. • Impact of unexpected events on recycling processing. 	<ul style="list-style-type: none"> • Work with processors so aware of difficulties, or opportunities. • Work with the CWJC and lobby for onshore recycling options. • Develop plans for managing recycling through national events such as COVID-19, natural disasters, and weather situations.
Recycling Bins	<ul style="list-style-type: none"> • Contamination of recycling e.g. dirty recycling, soft plastics, non-acceptable plastics, tetrapaks and food waste. • Waste left adjacent to recycling bins or recycling bins. 	<ul style="list-style-type: none"> • Conversion of 24/7 recycling bins to accept glass bottles only to reduce contamination and glass in kerbside bags. • Search to identify those responsible and where possible position recycling bins in view of CCTV cameras.
Litter Bins	<ul style="list-style-type: none"> • Litter bins used by businesses and householders to dispose of waste to avoid paying disposal costs. • Too many litterbins provided or not in the correct locations. 	<ul style="list-style-type: none"> • Randomly audit contents to identify those responsible and work with Council's compliance team to follow up. • Ensure litter bins are in suitable locations and of a design which prevents bags of waste being placed in them.
Cleanfill	<ul style="list-style-type: none"> • Maximise diversion of waste from Amberley transfer station to the cleanfill site. • Ensuring cleanfill is uncontaminated and does not contain heavy metals, asbestos etc. • Requests to allow access to the cleanfill. 	<ul style="list-style-type: none"> • Work with the contractor to maximise the diversion of acceptable material to the cleanfill site. • Continue visual inspections of cleanfill to prevent contamination. • For health and safety and accountability, ensure cleanfill is delivered to Amberley transfer station only.
Closed Landfills	<ul style="list-style-type: none"> • On-going cost of managing sites to conform to the conditions of the closed landfill management plans. 	<ul style="list-style-type: none"> • Manage Council closed landfill sites to meet their plan requirements and work with Environment Canterbury to adhere to consent conditions.

Section 3 – Policies, Plans, Legislation and National Advocacy

When preparing this WMMP, legislation, local, regional, and national plans, and policies as well as the benefits of national advocacy were considered; these affect how Council provides waste and recycling services. Figure 1 details the process under the WMA, Council is required to follow regarding its WMMP.

Figure 1: Statutory Planning Sequence



Policies, Plans and Legislation that Affect the WMMP

Detailed information is provided in the WA in appendix 2. The Acts below cover waste and recycling services.

- Waste Minimisation Act (WMA) 2008
- The Local Government Act (LGA) 2002
- The Resource Management Act (RMA) 1991

Other relevant legislation, strategies, and plans considered include:

- The Litter Act 1979
- The Hazardous Substances and New Organisms Act 2006 (HSNO)
- The Health and Safety at Work Act 2015 (HSWA)
- The Climate Change Response Act 2002
- The New Zealand Waste Strategy
- Hurunui Council - Long Term Plan (LTP) 2021 to 2031

Statutory Requirements

When preparing this WMMP, Council must meet the following requirements from the WMA.

- Consider the waste hierarchy in order of importance.
- Ensure the collection, transport, and disposal of waste does not, or is not likely to cause a nuisance.
- Have regard to key government policies on waste management and minimisation.
- Have regard to the outcomes of the Waste Assessment.
- Follow the Special Consultative Procedure set out under section 83 of the Local Government Act and in doing so, the WA must be notified with the statement of proposal.

Other Relevant Documents

The Council and Environment Canterbury have several strategic documents that are integral to waste management, including:

- Canterbury Hazardous Waste Management Strategy 2006
- Canterbury Land and Water Regional Plan
- Canterbury Regional Policy Statement
- Canterbury Air Regional Plan
- Hurunui District Council District Plan
- Hurunui District Council Long Term Plan 2021-31

National Advocacy

To maximise outcomes, some waste minimisation initiatives are more suitably implemented at a national level through product stewardship, a way of reducing waste and accelerating the transition to a circular economy through responsible management of the impact of problematic waste streams.

Council recognises and acknowledges the advantages of working with national bodies and organisations such as WasteMINZ and the Ministry for the Environment. Through advocating for continued support for the implementation of waste minimisation activities enables government and industry to coordinate their approach.

Section 4 – Vision, Goals, Objectives, and Targets

Vision

Council is committed to working with the community to increase recycling and waste diversion. When undertaking the review of Councils WMMP, the existing vision was revised; the proposed new vision for this WMMP is:

To encourage people to use resources wisely and protect the environment from harm by providing access to efficient, effective, reliable, and safe waste and recycling services, which are delivered in a cost effective and affordable manner.

Goals, Objectives, and Targets

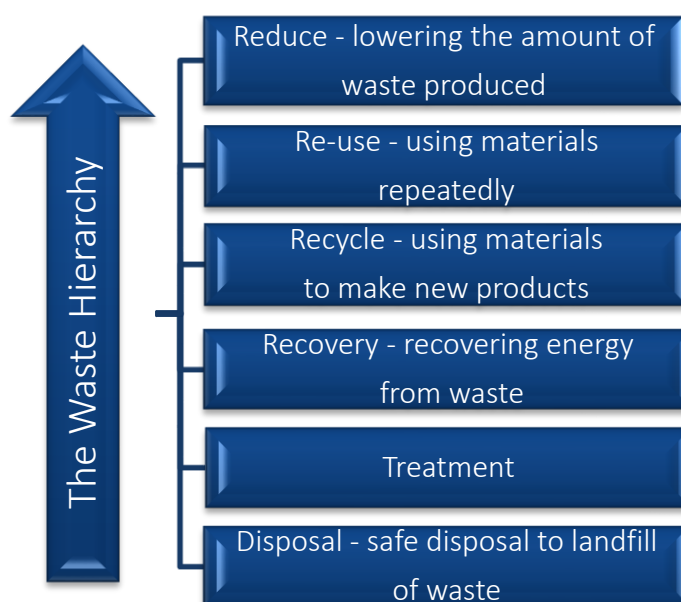
The vision for the WMMP will be realised by achievement of a set of supporting goals. Although Council has a desire to work towards the aspirational goal of zero waste, it is considered if this were to be used as a vision for the WMMP, it would be initiating a target, which although desirable is unachievable.

Goals

For the purposes of this WMMP, the Council has committed to the following goals.

- To follow the waste hierarchy to guide council's decision making (Figure 2)
- Reduce the harmful impacts of waste on health and the environment in Hurunui.
- Work to improve the efficiency of resource use.
- To influence and encourage waste reduction and re-use through behavioural change.

Figure 2: The Waste Hierarchy



Objectives

The Council has agreed the following objectives to enable the goals of this WMMP to be achieved; each is specific, measurable, achievable, relevant, and timely (S.M.A.R.T).

- Providing a range of reduction, reuse, recycling, and recovery programmes strive to maximise diversion of waste in an efficient, reliable, and safe manner.
- Provide cost effective and efficient waste and recycling services for the collection, storage, management, or diversion of waste.
- Ensure waste to landfill per capita decreases and the volumes diverted for reduction, re-use, recycling, and recovery increase.
- Reduce and eliminate the on-going risk to human / public health and mitigate environmental damage caused by waste generation, collection, storage, and disposal.
- Accumulate information to ensure well-informed policies and decisions regarding waste, recycling and minimisation can always be made.

- Work in partnership with contractors, the Canterbury Joint Waste Committee, other Councils, Environment Canterbury, Ministry for the Environment, and support product stewardship schemes to provide efficient and cost-effective services.
- Increase the economic benefits created through the efficient use and / or sale of materials to generate income for transfer station improvements.
- Continually review and assess performance and effectiveness of services and facilities.
- Engage with the community to ensure they are aware of options available and ensure ongoing education through different media forms to encourage behavioural change.

Targets

For the life of this WMMP, the following target is proposed; the pursuit of this will largely depend on the initiatives and resources of Council and community support.

- To achieve a rate of 40% diversion of waste from landfill by mid-2027 and
- To ensure there is no increase to the total district residual waste per capita from the 419kg per annum achieved in 2021/22.

Council has a range of statutory duties, including the need to deliver services in a way that is cost-effective for households and businesses. To address the remaining waste streams is increasingly expensive, so there is a need to balance expectation and cost and consider external factors including consumer trends, lifestyle choices, and product design as these impact on reaching this target.

Council's Intended Role

Council is responsible for contracts, facilities, and programmes to provide waste services to residents and ratepayers to deliver the vision goals and objectives of this WMMP and intends to oversee, facilitate, and manage a range of programmes and interventions to achieve effective and efficient waste management and minimisation for the life of this plan.

Council is committed to providing choice to enable people to manage waste and recycling in a way most suited to their needs. It will continually work to improve and increase options to encourage recycling, whilst ensuring community engagement and the provision of information to promote awareness and encourage behavioural change.

Some waste and recycling is outside of Council's direct control; but Council commits to lobby Government for appropriate legislation, standards, and guidelines to benefit Hurunui.

Protecting Public Health

The Health Act 1956 requires Councils to ensure the provision of waste services protect public health. The range of services provided by Council and the private sector will ensure public health is protected now and, in the future, with existing solid waste and recycling services continuing.

Hurunui has access to a safe landfill, which meets all requirements and Council commits to ascertain the viability of expanding and/or improving options for minimisation and diversion.

The Action Plan in this WMMP has been considered to ensure minimal effect to public health, but provision of effective waste management and minimisation services and options.

Public health issues can be addressed by setting appropriate performance standards for contracts, including performance, monitoring, and reporting criteria.

Section 5 – Methods for Achieving Effective and Efficient Waste Management and Minimisation.

Key Waste and Diverted Material Streams, including how they are managed

The key waste and diverted material streams, Council can influence are shown in the following table. Further details are in Appendix 2.

In the pursuit of effective and efficient waste management and minimisation, Council will oversee and manage a range of activities and programmes to encourage positive behaviour change; these are provided under Actions on page 25.

Table 8: Management of Waste and Recycling Streams

Waste or Diverted Material Stream	Managed by
Kerbside residual waste	Council staff via Contractor
Kerbside recycling	Council staff via Contractor
Transfer station residual waste	Council staff via Contractor
Transfer station recycling	Council staff via Contractor
Transfer station hazardous waste	Council staff via Contractor
On-property food and green waste	Householder or business
Construction waste	Property owner or private contractor
Farm and agricultural waste	Agrecovery, Plasback, owner or private contractor
Electronic waste	Manufacturers

Future Options

Predicated growth for Hurunui over the coming ten years will increase the demand for services; through the WA it was identified demand can be met, but existing infrastructure may need to be renewed and the range of services provided increased.

Due to geographical area, there are limited operators providing waste and recycling services locally, so it would not be appropriate for Council to opt out of waste and recycling all together.

When reviewing the previous WMMP, progress against the action plan was assessed, the table below summarises each and provides the preferred option for managing it.

Table 9: Preferred Options for the Future

Preferred Option	Implementation Ease and Affordability	Future Impact on Waste to Landfill
Issue 1: Recyclable waste being disposed of into landfill		
Increase levels and the range of community education and engagement.	Facebook, website, and newsletters are low cost, easy to implement options.	Decrease waste to landfill.
Increase the number of 24/7 recycling bins for glass.	Fund set up via waste levy and service costs via rates.	Decrease in waste as glass recycled.
Increase the range of recycling accepted.	Easy to implement, but market and cost dependant.	Decrease waste to landfill.
Issue 2: Need to renew and improve transfer station infrastructure and present lack of capacity to expand		
Increase Amberley transfer station opening hours.	Dependant on cost, ability, and process to amend consent.	Increased waste volumes offset by increased recycling.
Build a new or improved transfer station in Cheviot, funded via the Long-Term Plan in the 22/23 year.	Significant capital cost to implement but would use proven Waiau plans.	Offers recycling opportunities to decrease waste.
Install a weighbridge at Hanmer Springs in the 22/23 year using \$100,000 from the COVID-19 Response and Recovery Fund.	Easy to implement, medium cost, recoverable via fees.	Commercially collected waste would increase.
Expand Amberley transfer station drop off areas; consider sorting recycling by type.	Easy to implement. High capital cost and would require extra staff to run.	Opportunities to decrease waste and maximise income.
Issue 3: Community demands for differing levels of kerbside service		
Increased number of rural collection points required along the pickup run.	Easy to implement, cost recovered via bag sales.	Increased recycling received.
Ascertain the level of service the community requires and is willing to fund.	Significant capital cost to implement, increased service and running costs would result and transfer station income could potentially decrease.	Waste will increase as recycling bins have higher contamination rates.
Issue 4: Inappropriate disposal of hazardous wastes		
Ensure residents are aware of the services provided and that some are user pays	Facebook, website, and newsletters offer a low cost, easy to implement option	Decrease waste to landfill
Support product stewardship and external schemes as a	No cost to council other than staff time to promote and implement.	Decrease waste to landfill.

method of managing hazardous waste.		
Issue 5: Inappropriate disposal of agricultural waste		
Work with Agrecovery, Plasback, Environment Canterbury and external parties to educate and provide services for farm waste.	Facebook, website, and newsletters offer a low cost, easy to implement option.	Decrease waste to landfill and prevent burying and burning.
Support recycling events for the farming community locally.	Easy to implement option and low cost.	Decrease waste to landfill.
Issue 6: External influences i.e. recycling markets and volatility		
Work closely with processors to remain informed and prepared.	If there are no available markets, recycling will need storing, as council does not support landfilling recycling.	Would only increase waste if council opted to landfill recyclables.
Issue 7: Education, awareness and community buy in		
Increase the community education and engagement programme to incorporate community groups and businesses.	Facebook, website, and newsletters offer low cost, easy to implement options.	Decrease waste to landfill as recycling and minimisation increases.

Section 6 – Funding the Plan

This section provides information regarding grants and levy funding expenditure, a requirement under Section 42 of the WMA.

Funding the Implementation of the Plan

Funding of the waste and recycling services council provides are via the following methods.

- Targeted rates; applied to properties receiving a particular service i.e. Refuse Collection Rate and Uniform Annual Charge.
- User pays; includes transfer station gate fees, income from refuse and recycling bag sales and income received from the purchase of bokashi composting kits and mulch.
- Income from the sale of recyclables, used to offset the cost of purchasing transfer station infrastructure.
- Council's reimbursement from the waste levy; the government redistributes funds from the waste levy to Councils on a per capita basis, a cost increasing annually through to 2025/26. Fifty percent of the money collected through the levy must be returned to Councils for waste minimisation activities.
- Private sector funding; payment by external providers for service provision e.g. Agrecovery.
- Income from successful funding applications.

Where possible the Council has committed to maintain a user pays charging system for waste and recycling, to provide an incentive for the community to minimise waste and maximise recycling and diversion.

Further details are in the Action Plan regarding funding individual targets of this WMMP.

Grants and Advances of Monies

Under Section 47 of the WMA, providing the Council agrees through its WMMP, an authority is permitted to provide grants or advances of money to either an individual or group to use for promoting or achieving waste minimisation. The terms and conditions, Council deems appropriate in accordance with Section 47 of the WMA must be met by the applicant/s.

Waste Minimisation Levy Expenditure

Council provides some services and projects, which could be entirely, or part funded by the reimbursement the Council receives from the Waste Levy. These include the following.

- Waste education, engagement and awareness raising activities.
- Provision of recycling drop off bins in public areas.
- Behavioural change projects e.g. kerbside recycling audits.
- Provision of recycling and waste minimisation infrastructure at transfer stations e.g. containers to receive recycling and the construction of new areas to receive recycling.
- Options for organic waste recycling.
- Hazardous waste recycling schemes.
- Waste minimisation grants for community recycling and minimisation projects.
- Supporting agricultural recycling events.

Examples of expenditure of Hurunui's levy reimbursement to date includes funding or subsidising the following.

- 24/7 recycling drop off bins throughout the district.
- Containers for recycling at Cheviot, Culverden, Hanmer Springs and Waiau transfer stations.
- Engine oil recycling containers at Amberley, Cheviot and Culverden transfer stations.
- Containers for receiving household batteries at Culverden, Hanmer Springs and Waiau transfer stations.
- Hook bins for the receiving and transportation of glass and green waste.
- Education and community engagement programmes.
- Transfer station improvements to increase recycling e.g. glass, scrap metal and green waste drop off areas at Hanmer Springs and a new area for glass recycling at Amberley.
- Subsidising the SeatSmart and e-waste recycling programmes.
- Installation of Agrecovery recycling facilities at Cheviot, Culverden and Waiau.

Externally Funded Projects

On occasions there is the opportunity for the Council to apply for contestable funding for recycling schemes and infrastructure. Predominantly funded via the waste levy to encourage the diversion of waste from landfill, the most recent example being the receiving of \$100,000 to install a weighbridge at the Hanmer Springs transfer station.

Section 7 – Monitoring, Evaluation and Reporting

Council has developed a system to monitor waste and recycling performance to ensure targets and KPI's are met and determine the success of the schemes council provides; this provided the data to enable completion of the WA.

Monitoring and Evaluation

Accumulating accurate information on how services and facilities are performing and whether objectives are being delivered is essential for planning and future proofing. The Council commits to use the methods in the following table to monitor waste and recycling performance in Hurunui.

Table 10 - Methods to Monitor Progress and Standards of Service Delivery

Service or Performance Indicator	Monitoring Methods	Frequency
Education Programme - Success and achievements		
<ul style="list-style-type: none"> Educational engagement and behavioural change 	<ul style="list-style-type: none"> Feedback received Number of classes or children worked with Number of properties audited Number of community groups worked with 	Continual
Customer Experience - Provision of a high standard of service, to meet or exceed needs and/or expectations		
<ul style="list-style-type: none"> Refuse collection service Recycling collection service 	<ul style="list-style-type: none"> Contract monitoring Customer feedback and compliments Number of justified complaints Number of missed collections 	Continual
<ul style="list-style-type: none"> Transfer stations Public space recycling bins Street litterbins 	<ul style="list-style-type: none"> Contract monitoring Customer feedback and compliments Number of justified complaints 	Continual
Audits and Statistics – Waste and recycling data to measure uptake and performance		
<ul style="list-style-type: none"> Waste to landfill by tonnage and capita 	<ul style="list-style-type: none"> Tonnages by service type or facility Waste per capita to landfill 	Monthly Annually
<ul style="list-style-type: none"> Non-compliant waste to landfill by type and volume 	<ul style="list-style-type: none"> Transwaste audits 	Continual
<ul style="list-style-type: none"> Recycling has contamination percentage under 10% 	<ul style="list-style-type: none"> EcoCentral audits 	Continual
Participation Levels and Engagement - Monitoring public support for schemes and engagement between council and community		

• Uptake of council collections	• Bags sold by number, type, or location	Continual
• Support for discounted composting schemes	• Number of bokashi food waste composting kits sold • Number of animal waste composting kits sold by location	Monthly
• Transfer station paying customers	• Income received by location	Weekly
• Publicity via social media or other form of engagement	• By subject topic and where possible reach or engagement	Monthly
Compliance and consents - Ensure illegal dumping is regulated and waste and recycling facilities comply with both health and safety standards and consent conditions		
• Waste facilities and closed landfills meet consent conditions	• Inspections • Monitoring • Risk assessments	Continual
• Litter and illegal dumping.	• Number of complaints	Annually
Health and Safety		
• Health and safety performance	• Incident and accident reports • Contractor monitoring, reports, and Council risk assessments	Continual

Reporting

The Council will report its progress in implementing this WMMP through the following methods to maximise reach and engagement.

- The Council website
- Annual Plan and Long-Term Plan
- Council and committee reports
- Social media i.e. Council and community Facebook pages
- Local press, community, and school newsletters
- Rates newsletter and targeted mail drops
- Attendance at community events e.g. town shows
- Monthly and annual reporting to Ministry for the Environment

Section 8 – Action Plan

This section explains how Council commits to achieve the Vision, Goals, Targets and Objectives of this WMMP.

Table 11 details the actions, Council commits to implement over the life of this WMMP, this is a requirement of the WMA. Prior to actions being implemented, their feasibility will need to be established and they will need to be achievable within the budget agreed by Council. It is beyond the scope of the WMMP to cost each action in detail.

Council's ability to provide the existing level of service is dependent on contracting out waste and recycling services, therefore the delivery of the actions in this WMMP are

dependent upon their inclusion in contractual agreements. Actions will be implemented on the proviso they are cost effective and efficient, reduce the risk of public harm and are specific, measurable, achievable, realistic and time bound.

When compiling the action plan, consideration was given to how to improve customer experience, drive behavioural change, and achieve one or more of the four community well-beings i.e. social, economic, environmental, and cultural. Table 11 provides the following:

- 1) The overall objective, followed by the specific action.
- 2) The implementation timeframe.
- 3) What the actions implementation will mean for Hurunui.
- 4) The anticipated funding source - at the time of writing.
- 5) Which of the four well-beings will be achieved from achieving or implementing the action.

Table 11: Action Plan

Proposed Action	Timeframe	What will this mean for Hurunui?	Funding Source	Well-being Met
Objective: Meeting Legislative Requirements - Council will ensure it meets its legislative requirements, in managing waste and recycling				
Via Hurunui’s Long Term and Annual Plans, provisions will be included to enable the WMMP actions to be achieved.	Ongoing	Demonstrates Council’s commitment to diversion, recycling, and affordability.	Rates Gate Fees Bag Purchases	Economic
Commit to review the WMMP every 6 years, with the provision to revise in the interim, if necessary.	Every 6 years	Review every six years permits consideration of new options.	Rates	
Ensuring closed landfills comply with consent requirements and/or management plans.	Ongoing	Ensure closed landfills do not negatively affect current or future generations.	Rates	Environmental
For the life of this WMMP, dispose of waste into Kate Valley and comply with the Waste Receipt Agreement.	Ongoing	Ensure landfilling of waste does not have detrimental effects on current or future generations.	Rates Gate Fees Bag Purchases	Environmental
Objective: Meeting Health and Safety Requirements - Council will ensure it meets its health and safety requirements, when managing waste and recycling				
Ensuring only Site Safe approved contractors (or equivalent as deemed acceptable by Council) are engaged to provide waste and recycling services.	Ongoing	Will ensure council and its contractors work together to meet health and safety regulations all times.	Rates	
Ensuring health and safety is an integral part of waste and recycling contracts and is measured via performance monitoring.	Ongoing	Conveys the importance council puts on workplace health and safety and prevents waste or recycling impacting negatively on the environment.	Rates	Environmental
Ensuring infrastructure storing hazardous waste at transfer stations conforms to regulations and has appropriate signage.	Ongoing	Ensures the protection of public health, adhering to legislation and the safe disposal of waste.	Rates	Environmental and Social

Ensuring sites have safety equipment and staff trained in the procedures to follow in the event of an emergency.	Ongoing	The protection of public health.	Rates	Environmental and Social
Objective: Cost Recovery and Funding - Council will work to continue to charge fairly for waste disposal and recycling and continually look to access the various funding streams available.				
Maintain a user pays system for waste to ensure where practicable those creating waste pay for disposal or recycling.	Ongoing	Disposal of waste and recycling will be funded by those producing it.	User pays	Economic
Work to ensure a high standard of customer experience is always provided, but not at a prohibitive cost.	Ongoing	A high standard of customer experience and service is always provided.	User pays Targeted rate	Economic
Access the funding streams available and use the reimbursement from the Waste Levy to provide new schemes and infrastructure.	Ongoing	Increase the choice of schemes and infrastructure provided without inflicting additional costs on the ratepayer.	External funding	Economic and Environmental
Where possible, issue infringement notices to recoup the costs of clearing and disposing of illegally dumped waste	Ongoing	Residents and visitors to Hurunui enjoy a cleaner, litter-free environment without ratepayers bearing the cost.	Cost recovery	Economic
Objective: Advocate for Legislative Change - Council will support product stewardship schemes, national and regional waste minimisation and recycling projects.				
Support and advocate for product stewardship schemes, national and regional waste minimisation and recycling programmes and supporting the work of Waste Minz.	Ongoing	Provide the opportunity to dispose of difficult to manage products in an environmental responsible manner.	Rates Gate Fees Waste Levy	Environmental, Social and Economic
Work with the Canterbury Waste Joint Committee to advocate awareness of and support for product stewardship and run joint schemes across Canterbury.	Ongoing	Ensures consistent messages are conveyed and provide an increased range of options.	Canterbury Waste Joint Committee	Environmental, Social and Economic
Objective: Behavioural Change - Communication, Awareness Raising, Engagement and Education - Council will undertake a range of actions and activities to communicate with, educate and empower the community to divert waste from landfill.				

Continue to fund an Educator to work with the community and educational establishments to promote the upper levels of the waste hierarchy.	Ongoing	Increase awareness and participation in the waste minimisation and recycling schemes available in Hurunui to empower the community to play their part.	Waste Levy Rates Canterbury Waste Joint Committee	Economic, Environmental and Social
Collaborate with and encourage community organisations in Hurunui to increase diversion through waste minimisation programmes, which promote reduction and re-use.	Ongoing	Increase levels of awareness and support, for options within the district for re-use and waste reduction.	Rates Waste Levy Funding Options	Environmental and Social
Develop and run Repair Workshop events in Hurunui to encourage diversion from landfill.	New	Decrease waste to landfill by providing an alternative to a throwaway society	Waste Levy Sponsorship	Environmental and Social
Develop and provide a guide to enable community groups to run Repair Workshops to encourage diversion from landfill and have this available for download via Councils website.	New	Decrease waste to landfill by providing an alternative to a throwaway society	Rates	Environmental and Social
Attendance at events to engage with the community including town shows and local group meetings.	Ongoing	Increases awareness and a method of ascertaining the needs of the community through face-to-face engagement.	Rates Waste Levy	Environmental and Social
Encourage and support event organisers to provide recycling and waste diversion through the provision of an Events Recycling Guide and support from Councils Education Officer.	Ongoing	Increases awareness and diverts waste from landfill.	Event organisers	Environmental and Social
On-going education via social media, Council's website, community and rates newsletters, the local press, and other available methods.	Ongoing	Increase levels of awareness, support, and participation.	Rates Waste Levy	Environmental
Develop guidance for inclusion with building consents on the responsible management of construction waste.	New	Information during the planning stages will increase awareness options to act responsibly.	Rates	Environmental and Social

Promote re-usable nappies by working with the community and local Plunket groups.	New	Work to decrease the volumes of nappies to landfill, an area to date not focussed on.	Waste Levy	Environmental
Through education programme encourage and promote consumer awareness and green purchasing choices.	Ongoing	Significant opportunity to influence behaviour change and impact on other areas of waste.	Rates Waste Levy	Environmental
Objective: Behavioural Change - Agricultural Recycling and Management of Farm Waste - Council will work with the agricultural community to ensure the appropriate disposal and recycling of waste				
Continue to support Agrecovery and Plasback recycling programmes through promotion and providing drop off points at Waiau transfer stations Continue to support agricultural recycling events and agrichemical collections within the community.	Ongoing	Prevent the incorrect disposal of farm waste becoming detrimental to the environment and future generations.	Rates Waste Levy Sponsorship	Environmental
Behavioural Change - Business Engagement and Waste Reduction Programmes				
Continue to fund Council's Waste and Compliance Support Officer to develop a programme to engage with and support businesses to minimise waste and recycle.	New	Encourage businesses to lead in the community and become role models for waste minimisation and recycling.	Rates	Environmental
Provide collections to urban businesses, providing the appropriate rate is paid and Councils recycling bags used. Options for business to recycle via transfer stations will continue to be provided.	Ongoing	Encourage the reduction of a significant proportion of the waste stream in Hurunui.	Rates User Pays	Environmental
Support holiday home companies and campgrounds to ensure those hiring properties or staying are aware of recycling options.	Ongoing New	Provide clear information for visitors to the Hurunui, as council schemes differ.	Rates Waste Levy	Environmental

Consider the feasibility of supporting Hanmer Springs Business Association or a local business in a funding application to the Waste Minimisation Fund for food waste recycling in Hanmer Springs.	New	Decrease a significant proportion of Hanmer Springs waste stream, an area which to date has not been catered for.	External Funding	Environmental and Economic
Objective: Green and Organic Waste - Council will undertake a range of actions to divert green and organic material from disposal to landfill				
Divert transfer station green waste by accepting it for a reduced fee for conversion to a usable product which then can be used by the Council or sold locally.	Ongoing New	Converts a waste product to a usable product locally.	Gate Fees Income from Rental	Environmental and Economic
Promote green waste composting and bokashi to recycle food waste; this could include selling of discounted compost bins via the transfer stations and the continual selling of bokashi composting kits.	Ongoing New	Reduces waste to landfill and dependent upon uptake decreases vehicle movements.	User Pays	Environmental and Economic
Investigate the feasibility of food waste collections and whether options exist to work with a local farmer.	New	Decrease volumes of organic waste to landfill.	User Pays	Environmental and Economic
Continue to sell animal waste composting kits via Amberley transfer station, the council offices, and the libraries.	Ongoing	Prevents this waste stream being placed out for collection.	User Pays	Environmental and Economic
Ensure green waste from Council parks, reserves and cemeteries is shredded and converted into a usable product.	New	The Council through its work would be leading by example.	User Pays	Environmental
Via the education programme, support schools and pre-schools to compost to reduce food waste volumes and support the national Love Food Hate Waste Programme.	Ongoing	Increase support for composting of food waste and hopefully the message would spread as a result of this work.	User Pays	Environmental
Objective: Collection Services - Council will continue to provide a weekly collection service for residential and commercial refuse and recycling in urban areas and from designated rural pick-up points				
Continue to provide an efficient and cost-effective refuse and recycling collection to urban households and businesses and	Ongoing	Provision of a reliable collection service should discourage the inappropriate	Targeted rate	Environmental and Economic

rural addresses using official collection points. The increasing of rural drop off points will be an action of this WMMP.		handling and disposal of waste and maximise and incentivise recycling with the bags being sold at a lesser rate.	User Pays	
Prior to the end of the waste and recycling contract, Council will review whether to continue dual collections, return to separate collections, whether wheelie bins would be an affordable option or continue to sell user pays bags.	New	17a Service reviews ensure the highest standard of customer service is provided at the most affordable level.	Targeted rate User pays	Environmental and Economic
Council will continue to ensure environmental and economic efficiencies are achieved when transporting kerbside and transfer stations waste and recyclables.	Ongoing	Council will aim to ensure transport efficiencies are achieved to minimise its carbon footprint and reduces costs to the ratepayer.	Targeted rate User pays	Environmental and Economic
Minimise the levels of contaminated recycling and non-complying waste placed out for kerbside collection.	On-going	Minimise contamination levels of recycling and reduce the risk of waste being rejected at the landfill via education, auditing and engagement.	Rates User Pays	Social and Environmental

Objective: Transfer stations - Council will continue to provide transfer stations with each site providing a range of infrastructure to receive waste and recycling and maximise diversion from landfill

Continue to provide user-friendly transfer stations for receiving waste and recycling via a user pays system.	Ongoing	Achieve high levels of customer satisfaction.	Rates User Pays	Social and Environmental
Maximise the diversion of waste from landfill, providing it is cost effective and markets for recovered materials exist; where viable also increase the range of materials recycled.	Ongoing	Regardless of market volatility, secure options for recycling will be sought and the range accepted increased.	User Pays Rates	Environmental
Install a weighbridge at Hanmer Springs transfer station to permit construction waste and commercially collected waste and recycling to be received.	New	Provide an accurate charging system for Hanmer Springs.	User Pays	Social and Environmental

Review Amberley transfer station opening hours and determine whether requiring additional sorting of recycling by site users would be beneficial.	New	Increased hours may provide an enhanced customer experience – convenience, but increased service costs. Increased sorting may improve market opportunities but increase cost.	Rates User Pays	Social and Environmental
Continue to have knowledgeable staff – council and contractor on site at all transfer stations to offer help and advice.	Ongoing	Enhance the customer experience by offering support to maximise recycling and reduce contamination.	User Pays Rates	Social and Environmental
Build a new transfer station in Cheviot ideally with a weighbridge and provision for increased waste diversion.	New	Enhanced customer service and increased options to divert and recycling waste from landfill.	Levy funding Rates Income - sales	Social, Economic and Environmental
Objective: Out of Hours Recycling Facilities - Council will provide recycling banks in convenient locations to encourage 24/7 recycling.				
Consider using landfill levy reimbursement to install recycling bins in other areas	Ongoing	Ensure the provision of 24/7 recycling facilities and provide the customer experience expected.	Waste levy	Environmental and Social
When planning town centre refurbishments, consider the provision of recycling facilities and street litter bins.	New	Enhance the customer experience with regarding to recycling via convenience.	Targeted rate	Environmental and Social
Objective: Clinical Waste - Council will continue to work with Environment Canterbury, the Canterbury Waste Joint Committee and Te Whatu Ora – Waitaha to promote and ensure the safe disposal and management of clinical waste.				
Continue to work to ensure clinical waste is managed appropriately in a way so not to put staff, contractors, or the public at risk.	Ongoing	There is an ongoing need to ensure this section of the waste stream is managed appropriately.	User pays	Environmental
Council will encourage the safe disposal of unwanted medicines, by advising people to return them to pharmacies for safe disposal.	New	Responsible behaviour about disposing of unwanted medicines safely.	Externally funded	Environmental

Objective: Hazardous Waste - Council will continue to provide facilities for receiving hazardous waste to prevent the risk of environmental damage from inappropriate disposal and will look to increase the range of hazardous wastes accepted through its transfer stations.

Continue to provide facilities to accept hazardous wastes at the transfer stations and look to expand the range accepted.	Ongoing New	Prevent the disposal of hazardous wastes having long-term detrimental effects on the environment or human health.	User pays Product Stewardship	Environmental
Continue to monitor the types of special wastes received to ensure storage does not create an environmental hazard or risk to human health.	Ongoing	Correct storage will ensure no environmental damage from leaks or spills.		Environmental
Support organisations providing schemes to manage hazardous wastes e.g. Agrecovery and the Recycling Oil Saves the Environment Programme (R.O.S.E.).	Ongoing	Such Product Stewardship schemes offer alternative options to manage the disposal of hazardous wastes in Hurunui.	User pays Product Stewardship	Environmental
Through awareness raising, education and promotion, encourage a reduction in the use of hazardous materials and ensure the safe handling of such waste streams.	Ongoing	Increasing knowledge will ensure the appropriate management of potentially damaging waste streams.		Environmental
Continue to encourage the re-use of paint by permitting it to be collected from all transfer stations for free.	Ongoing	Extremely popular and well-used scheme, saving money for Council and ratepayers.	No cost	Environmental Economic

Objective: Manage and Reduce Litter - Council will continue to manager litter within the district.

Continue to work to ensure the cleanliness of the district, by providing litterbins in tourist areas, high foot, or road traffic.	Ongoing	Creates a cleaner, greener Hurunui.	Rates	Environmental
Continue to ensure litter related complaints are monitored and promptly rectified.	Ongoing	Contractual requirement to ensure a high standard of service always provided.	Rates	Environmental
Ensure street sweepings are disposed of appropriately.	New	Ensure the appropriate disposal of council generated waste and accountability that correct procedures are followed.	Rates	Environmental

Objective: Manage and Discourage Illegal Dumping of Waste - Council will work to actively discourage illegal dumping of waste through enforcement and education.

Ensure systems and resources are in place to actively enforce, control and reduce littering and illegal dumping and clear it in a timely manner.	Ongoing	Creates a cleaner, greener Hurunui.	Cost recovery	Environmental and Economic
Where safe to do so, recycling from illegally dumped waste will be sorted at the transfer stations for recycling.	Ongoing	Creates a cleaner, greener Hurunui.	Potential cost saving	Environmental and Economic
Objective: In-house Waste Diversion, Re-use and Recycling - Council will work to lead by example by ensuring staff, council and contractors utilise the options available for reducing, re-using and recycling waste.				
The Recycling Educator will work to encourage staff to minimise in-house waste.	New	Reduce cost to the ratepayer and divert waste from landfill.	No cost	Environmental
Staff when undertaking work on behalf of Council will be encouraged to consider re-use e.g. paint and shredded green waste from transfer stations.	New	Reduce cost to the ratepayer and divert waste from landfill.	No cost	Environmental and Economic
Encourage sustainability to be considered when writing and awarding contracts.	New	Reduce cost to the ratepayer and divert waste from landfill.	No cost	Environmental and Economic
Encourage the use of resources made from recycled products providing they are not cost prohibitive.	New	Council leading by example.		Environmental and potentially economic
Unwanted office furniture from Council buildings will be sold or donated to community groups or schools.	New	Avoid un-necessary disposal to landfill and Council lead by example.	No cost	Environmental, social, and Economic

Appendix 1 - Glossary	
Bokashi	Plant by-products inoculated and fermented with Effective Microorganisms for recycling kitchen waste into a soil conditioner
Commercial waste	Waste from commercial activities
Composting	Conversion of certain types of food and garden matter to compost for use as a fertiliser
Council	Hurunui District Council
Domestic waste	Waste from domestic activities in households
Disposal	The final deposit of waste into or onto land or waste incineration
Diverted waste	Something no longer required for its original purpose and, but for commercial or waste minimisation activities, would be disposed of
Green waste	Garden waste e.g. branches, cuttings, and leaves
Hazardous waste	Liquid and solid wastes, requiring further treatment before conventional disposal methods are used; also called special waste
Household waste	Waste from a household, not derived from the construction, renovation or demolition of the property
Landfill	Disposal facility - defined in the Waste Minimisation Act 2008 - s7
NZWS	New Zealand Waste Strategy (2002)
Putrescible waste	Certain types of household food waste, green waste, and some commercial and industrial wastes, which will decompose
Recovery	Extraction of materials or energy from waste or diverted material deemed suitable for further use or processing. Also includes conversion of waste or diverted material into compost
Recycling	Reprocessing used materials into new products to prevent the waste of potentially useful materials
Reduction	Decreasing waste by utilising products more efficiently
Residual disposal	Waste, which cannot be recycled, but requires disposal to landfill.
Re-use	Utilisation of waste or diverted material in its original form
Transfer station	Facilities provided by council for receiving of waste and recycling
Waste - as defined by the WMA	(a) Anything disposed of or discarded (b) Includes a type of waste that is defined by its composition or (c) Includes any component or element of diverted material, if the component or element is disposed of or discarded
Waste assessment	As defined by s51 of the Waste Minimisation Act 2008, a waste assessment must be completed when a WMMP is reviewed
Waste disposal levy	Per tonne levy charge on waste at the point of disposal
Waste hierarchy	Hierarchy of the 3Rs - reduce, reuse, and recycle

Waste Management and Minimisation Plan	Waste management and minimisation plan as defined in s43 of the Waste Minimisation Act (WMMP)
Waste minimisation	Reduction of waste and re-use, recycling, and recovery of waste and diverted material
WMA	Waste Minimisation Act (2008)