

Mackenzie District Council

Summary of Submissions & Decisions



**2018-2024
WASTE MANAGEMENT &
MINIMISATION PLAN REVIEW**



Purpose

This report provides a summary overview of submissions to Council's Draft Waste Management and Minimisation Plan (WMMP) and the decisions made by Council following the consultation process.

Background

Council's Draft Waste Management and Minimisation Plan 2018-24 consultation process commenced 30 July with submissions closing Monday 3 September. The consultation process included adverts in the local community newsletters, Facebook posts, a radio announcement by the Mayor, and the publication of a Statement of Proposal document and draft Plan, which was available on the website, at Council offices and community libraries.

Submissions could be made to the WMMP by completing the submission form included with the Statement of Proposal, or by completing the online submission form via Council's website.

In total, 15 submissions were made to the Draft WMMP. Of these 15 submissions, 8 were received via the website.

The Council heard submissions to the Draft WMMP on 11 September and considered all submissions received, deliberating on the Draft WMMP. This document serves to record all decisions made by Council on the Draft WMMP, in relation to submissions received.

Submission topics

The Draft WMMP submission form collated demographic information of the submitters and sought responses to the following questions:

1. Do you think we should be doing more to reduce, reuse and recycle our waste?
2. Do you think our visions, goals and objectives cover the work Council needs to do on waste management and minimisation?
3. Do you think our Action Plan will ensure that we can meet our vision of a future of minimised waste?

Submitters also had the opportunity to provide general comment on the WMMP and waste management and minimisation practices.

The following summary of decisions is grouped by each of the above questions, with general comments grouped by topic, those receiving the most submissions through to those attracting the least:

Submission topic	Page
1 Should we be doing more to reduce, reuse and recycle? (7)	5
2 Do our visions, goals & objectives cover the work we should be doing? (4)	8
3 Will our Action Plan ensure that we meet our vision? (8)	10
4 Greenwaste / organic waste (8)	13
5 Waste education (7)	17
6 Tourist waste (7)	20
7 Collection system (6)	23
8 Other waste types (4)	26
9 Public litter bins (3)	28
10 Farm waste (2)	30
11 Other – general comments (5)	32

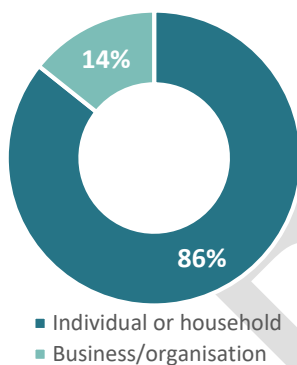
Submissions

List of Submissions by submission number

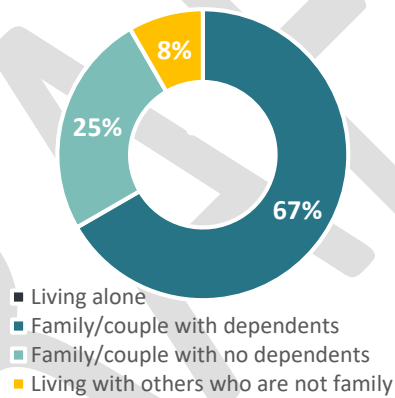
1	C Macdonald	9	K Murphy
2	L Rush	10	J Spriggs
3	M Bayliss	11	P Jackson
4	S Loxton	12	W Morgan
5	N Zuleta	13	A J Kerr
6	Environment Canterbury Regional Council	14	W & Z Speck
7	J Foley	15	N Geary
8	A Thomson – Heartlands Fairlie		

Demographic profile

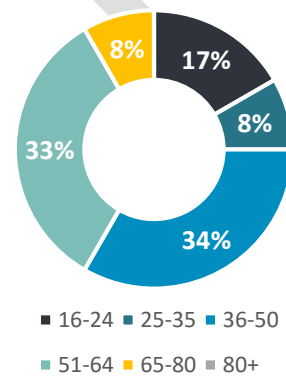
Household or business/organisation (14)



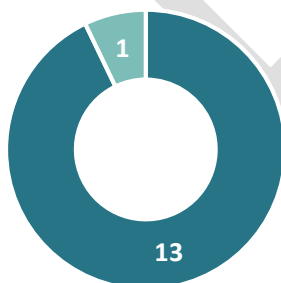
Household profile (12)



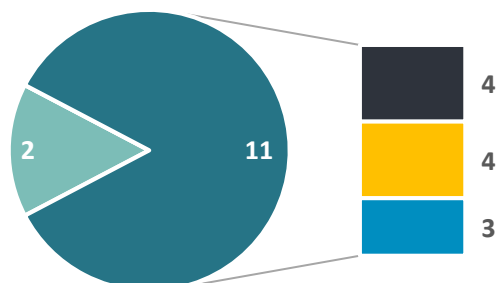
Age group (12)



Living in District (14)



Area (13)



■ In district ■ Outside of district

■ Rural ■ Fairlie ■ Tekapo ■ Twizel

Decisions

Council acknowledges and appreciates the effort submitters went to in providing feedback on the draft Waste Management and Minimisation Plan.

Careful consideration was given to each individual submission during the decision-making process.

Whilst Council confirmed the majority of the Draft WMMP, some changes were agreed where submissions provided a clear indication of community preferences. Council has also taken on board feedback from submitters which will inform contract preparations in 2021.

Of particular note was a desire expressed by several submitters that Council improve management of organic waste (food and garden waste). Council has listened to these concerns and, as a result, has set a clear direction that the Mackenzie divert organic material from landfill and this has been set as an objective of the WMMP. To advance this, we will be stepping up our efforts to look at ways of facilitating appropriate management of greenwaste. This work will feed into preparation for contract renewal in 2021.

Council are encouraged by the work of community groups in the area of waste management and minimisation and recognise the value of this work be undertaken at a community level, with leadership within our communities. Council wish to confirm their philosophy that Council work in partnership with these groups to develop and deliver community programmes in waste management and minimisation.

The submissions received to the draft WMMP also indicated concern from the community about the effects of tourism growth on our district's waste. In considering these submissions, Council has resolved to better understand the impacts of tourism on our waste streams through a specific waste audit and use this to inform any changes to our waste management and minimisation work and Council's Rating and Funding Review. Other measures from public litter bins and bulk disposal systems to improved signage will also be advanced.

In summary, key decisions for the WMMP include:

- Setting a clear intention that 'greenwaste be diverted from landfill' and that this be included as one of the objectives of the WMMP;
- Working in partnership with community groups, including the Community Development workers, to develop and deliver education programmes in waste management and minimisation;
- Undertaking a waste assessment audit of residential and visitor accommodation dwelling kerbside collections, and use the results of this assessment to inform appropriate solutions for supporting minimised waste and increased diversion from landfill;
- Continuing to lobby Central Government for a tourist levy and/or funding of tourism infrastructure, recognising the need for appropriate disposal;
- Continuing to establish a range of disposal options for tourists ranging from public litter bins to bulk disposal, and introduce signage to identify areas and options for disposal of waste;
- Confirming the current collection and system, withholding any changes to the system until contract renewal in October 2021;
- Working with farming sector to determine waste management needs and supporting the use of existing services and sector schemes including AgRecovery.

A more detailed outline of these and other decisions (and reasons for these) is included in the following document.

1. Should we be doing more to reduce, reuse and recycle?

Council asked the community to tell us whether they think that we should be doing more to reduce, reuse and recycle our waste.

All of the submitters who responded to this question felt that there was more that the Council could be doing to reduce, reuse and recycle waste.

Council's decisions to each matter raised by the submitters below or are recorded in the relevant sections, where multiple submissions were made on the same topic.

Submitter	Submission #	Response	Summary of comment	Council decision
L Rush	2	Yes	The submitter seeks that Council introduce green waste bins for collection	Refer Decision and Reasons for Decision Section 4 – Greenwaste / organic waste
M Bayliss	3	Yes	The submitter seeks better options for organic material and suggests education, regular information in the various newsletters sharing simple information such as recycling options.	Refer Decision and Reasons for Decision Section 4 – Greenwaste / organic waste
			The submitter also seeks that there be incentives for commercial users (eg builders) to recycle.	<p>Council acknowledge the differing waste needs of commercial users, including the need for specialist waste disposal.</p> <p>Council encourage the recycling of appropriate materials, and removed the charge to dispose of recycling at the Resource Recovery Parks effective 1 July 2017 as an incentive.</p> <p>Council will address education needs with the building industry and encourage and promote appropriate recycling as cost beneficial to builders and their clients.</p>

Submitter	Submission #	Response	Summary of comment	Council decision
S Loxton	4	Yes	The submitter notes that where bins are accessible these are used but suggests that there are not enough bins in our towns, on streets and in rest areas. The submitter also notes the lack of clear sign postings indicating the location of rubbish bins.	Refer Decision and Reasons for Decision Section 9 – Public litter bins
			The submitter notes an increase in road side rubbish which is not recyclable.	The submitter's comment regarding the increase of rubbish and carcasses on roadsides is noted. The road identified by the submitter is a State Highway. Whilst these are not under Council control, this matter will be raised with NZTA.
J Foley	7	Yes	The submitter suggests that we should be diverting as much of our waste from landfill as we can and that waste should be our resource.	<p>The submitters comment is noted. The WMMP identifies the goal of continuing to increase the amount of waste being diverted from landfill. New ways of reusing or recycling waste are continually being assessed, in particular effort in encouraging and supporting composting to divert household waste.</p> <p>Council view waste as a resource for our district and community with any income from the sale of recycled material being returned to the district.</p>
J Spriggs	10	Yes	The submitter suggests the use of an electric vehicle for the collection of waste.	Refer Decision and Reasons for Decision Section 7 – Collection system
W Morgan	12	Yes	The submitter considers that Mackenzie doesn't stack up well in comparison with the rest of the country in recycling and waste management and suggests that research into successful management of this issues in other countries is undertaken.	<p>Council note that Central Government has identified waste management as an area of priority and anticipate directions for improved management of waste nationally.</p> <p>Council note that, relative to other districts, we are performing well in the area of waste management but acknowledge that there is room for improvement in waste management and minimisation practices and that other</p>

Submitter	Submission #	Response	Summary of comment	Council decision
				<p>countries can provide good examples and learning opportunities.</p> <p>As a small district, Council consider that we are in a good position to adapt to new practices.</p>
W & Z Speck	14	Yes	The submitter notes that there is always more that can be done but congratulate Council on their intention to keep up efforts.	<p>The submitter's support is noted.</p> <p>Council consider that, as waste management is an area which is continually evolving, our systems and facilities need to adapt so that continuous improvements can be made.</p>

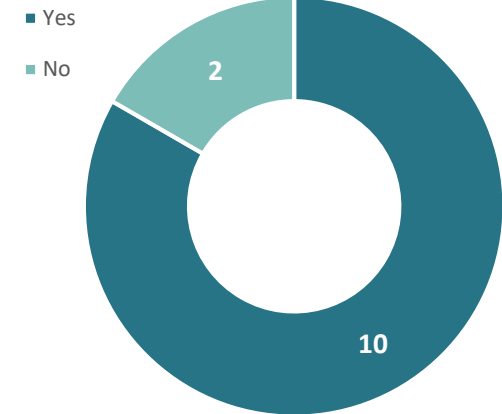
2. Do our visions, goals and objectives cover the work we should be doing?

Council also asked the community whether they thought our vision, goals and objectives cover the work Council needs to do on waste management and minimisation.

Ten submitters indicated that they believed that the proposed vision, goals and objectives were appropriate for the work Council should be doing in the area of waste management and minimisation, whilst two considered that these were not appropriate.

As a result of considering all submissions, Council decided to:

- Add an additional objective to Goal 1 (Minimise waste to landfill and maximise diversion of waste): *'That greenwaste be diverted from landfill'*;
- Confirm the vision, goals and objectives (including the new Objective 5), as proposed.



1: Submitter responses to: Do our visions, goals and objectives cover the work Council needs to do on waste management and minimisation?

Reasons for decision

To reflect Council's decision outlined in Section 4, the Council sought to amend the WMMP's goals and objectives, adding a 5th objective to Goal 1. This additional objective confirms Council's vision of greenwaste being diverted from landfill.

Council confirmed the vision, goals and objectives (inclusive of the Objective 5) as appropriately setting direction for waste management and minimisation within the district, and as largely supported by submitters.

Submitter	Submission #	Response	Summary of comment	Council Decision
M Bayliss	3	Yes	The submitter suggests adding more coin operated rubbish and recycling stations is necessary to avoid the dumping of rubbish.	Refer Decision and Reasons for Decision Section 9 – Public litter bins

Submitter	Submission #	Response	Summary of comment	Council Decision
S Loxton	4	No	The submitter suggests involvement of the community (eg. Adopt a highway).	Council acknowledge the value of community clean up events, but recognise the constraints of health and safety requirements in managing such events. Council will continue to support community-led events by working with groups and waiving RRP fees for recognised events. The submitter's comment regarding the increase of rubbish and carcasses on roadsides is noted. The road identified by the submitter is a State Highway. Whilst these are not under Council control, staff will raise this matter with NZTA.
			The submitter also suggests the Plan should consider tourists driving through the area.	Refer Decision and Reasons for Decision Section 6 – Tourist waste
P Jackson	11	Yes	The submitter suggests that green organic waste bins need to be considered.	Refer Decision and Reasons for Decision Section 4 – Greenwaste / organic waste
W & Z Speck	14	Yes	The submitter urges Council to lobby central government to ensure that effective and innovative waste management and minimisation are promoted amongst Councils.	Council will continue to lobby Central Government on a range of matters relating to waste management and minimisation. Included is Council's lobbying of Central Government to introduce a tourist levy, which may be an avenue for ensuring improved waste management for tourists.
			The submitter suggests learnings can be made of the model in Sweden.	Council note that other countries' practices and models can provide good examples and learning opportunities and will consider all examples of good practice when reviewing existing services and management systems.

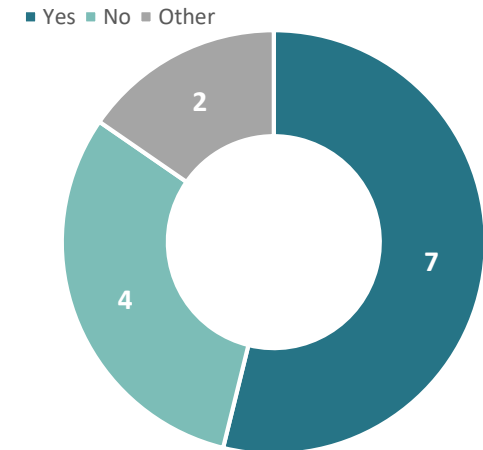
3. Will our action plan ensure that we meet our vision?

The final question posed by Council asked the community whether they thought the proposed Action Plan will ensure that we can meet our vision of a future of minimised waste.

Seven submitters considered that the Action Plan was appropriate to ensure that we meet our vision of a future of minimised waste, whilst four considered that the Action Plan is not sufficient to meet this vision.

As a result of considering all submissions, Council decided to:

- Amend the following action plan works to reflect decisions made in response to submissions:
 - *To find out how we can divert all organic waste from landfill* (Section 4);
 - *To understand the impacts of tourism and investigate options for facilitating tourism driven waste* (Section 6);
 - *To promote waste minimisation and recycling opportunities and educate our community about the importance of waste minimisation* (Section 4); and
 - *To work in partnership with community groups on community waste education programmes* (Section 5).
- Confirm the proposed Action Plan, including changes highlighted above.



2: Submitter responses to: Do you think our Action Plan will ensure that we can meet our vision of a future of minimised waste?

Reasons for decision

To reflect Council's decision outlined in Sections 4, 5 and 6, Council amended the WMMP's Action Plan in the areas of organic waste, waste education and tourism waste.

Council confirmed the Action Plan (inclusive of these changes) as appropriately setting direction for Council's waste management and minimisation activities over the next six years.

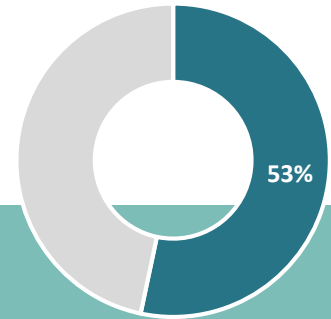
Submitter	Submission #	Response	Summary of comment	Council decision
M Bayliss	3	Yes	The submitter considers that, with the addition of their other suggestions, Council can meet its vision.	Refer Decisions and Reasons for Decisions Sections 1, 4, 5, 6 and 9 for suggestions and comment.
			The submitter also notes that the burying of farm waste needs to be phased out and that practices which may have been acceptable for farms with small waste volumes are unacceptable for intensively farmed properties.	Refer Decision and Reasons for Decision Section 10 – Farm waste
S Loxton	4	No	The submitter notes that the findings of their recent Science Fair study suggest that the management of township and public waste was a significant issue.	Refer Decision and Reasons for Decision Section 9 – Public litter bins
N Zuleta	5	Yes	The submitter suggests supplying compost and bokashi bins to households and business in addition to a red and yellow bin. The submitter also suggests buying back the compost for use around town or supply to farms as an incentive.	Refer Decision and Reasons for Decision Section 4 – Greenwaste / organic waste
J Foley	7	No	The submitter considers that there is no need for further research and that everything that needs to be known to take action is already known.	The WMMP process has highlighted the issue of organic waste being sent to landfill. Council recognise that further investigation into options, costing and consideration of how this may fit within either our existing contract or future contracts is required.
			The submitter considers that we should all be composting organic wastes and that organic material is our resource.	Refer Decision and Reasons for Decision Section 4 – Greenwaste / organic waste
A Thomson – Heartlands Fairlie	8	Other	The submitter states that they hope the Action Plan will allow Council to meet the vision.	Submitter's comment is noted.

Submitter	Submission #	Response	Summary of comment	Council decision
K Murphy	9	Other: Yes & No	The submitter considers that a plan for organic waste would secure a future of minimised waste and could also be an income source.	Refer Decision and Reasons for Decision Section 4 – Greenwaste / organic waste
P Jackson	11	No	The submitter suggests that further work is needed to understand the needs of non-permanent ratepayers.	<p>Council note that in excess of 50% of residential buildings in Tekapo and Twizel are owned by non-resident ratepayers, with a number of these properties being short-term visitor accommodation. It is acknowledged that the needs of these properties may be different and practices and support from Council which may assist residents, may not benefit these properties.</p> <p>In considering submissions to the WMMP, Council have committed to undertaking a waste assessment audit of residential and non-resident/visitor accommodation collections to determine the differences in quantity and type of waste being disposed of in long term and short term accommodation.</p> <p>It is intended that this evidence based information can inform Council's funding and rating review.</p>
W & Z Speck	14	Yes	The submitters states that they are very much in favour of the proposed WMMP.	The submitters' support is noted.
			The submitters considers that there needs to be an emphasis on educating tourists on effective waste management and suggests that this could be incorporated in existing marketing programmes.	Refer Decision and Reasons for Decision Section 6 – Tourist waste
			The submitters also suggest that bins be placed in all public carparks, and the use of educational signage in public areas (eg walkways).	Refer Decisions and Reasons for Decisions Section 9 – Public litter bins and Section 6 – Tourist waste

4. Greenwaste / organic waste

Organic waste has been identified as a key issue through the WMMP process and was the most commonly matter raised in submissions with eight submitters commenting on this topic.

The Waste Assessment details that approx. 50% of an average red wheelie bin contains organic waste and that 231.35 tonnes of greenwaste was accepted at the three Resource Recovery Parks during 2016/17.



As a result of considering all submissions, Council decided to:

- Set a clear intention that 'greenwaste be diverted from landfill' and that this be included as one of the objectives of the WMMP;
- Amend the WMMP Action Plan to confirm the direction that greenwaste be diverted from landfill and clarify that staff will investigate options for diverting material to achieve this and prioritise the promotion of home composting systems for food and garden waste;
- Undertake targeted education on managing greenwaste, especially food waste, and partner with community groups in developing and delivering these educational programmes;
- Retain current low-fees to dispose of greenwaste at Resource Recovery Parks to ensure that costs incurred in managing the waste can be met;
- Confirm subsidies of home composting options available.

Reasons for decision

In making these decisions Council has considered the weight of submissions seeking improved management of organic waste and sought a greenwaste collection. These submission have be considered in light of the work which needs to precede a significant change to the existing collection system such as the collection system and bins, management of greenwaste collected and rating implications of a change to the existing service. Such a change cannot, therefore, be achieved in the short term but Council have set a clear direction that they seek a future of organic waste being diverted from landfill. This will guide the preparation and background work for the contract renewal and, with any significant change to the level of service Council will consult with our communities to ensure everyone's needs and views are taken in to account.

Recognising the importance of minimising organic waste, Council have sought that staff progress works which will begin to reap benefits in the short to long term including continued support of home composting and food waste minimisation behavioural education.

Council also considered the ability of residents to dispose of greenwaste at our Resource Recovery Parks with submitters noting that waiving of fees may encourage increased diversion from landfill. In setting fees for the disposal of greenwaste Council must balance the costs incurred for the handling and processing of greenwaste, and the desire to keep fees at a minimum to incentivise appropriate disposal. Council note that whilst removing these fees may further incentivise disposal, levels of service may be reduced over time, or additional burden would be placed on ratepayers. For these reasons, Council consider that the current fees are appropriate.

Whilst the Council have decided that it is not appropriate to remove these fees, further promotion of the two home composting options (outdoor Earthmaker and indoor Bokashi) being subsidised by Council with the aim of encouraging residents to compost their organic waste rather than disposing of it in the residual, red wheelie bin. Home composting has potential to significantly reduce the volume of waste sent to landfill per household, although Council does recognise that home composting is not suitable for all residents or properties.

As education is an important behavioural change tool, Council will continue existing educational programmes, working in partnership with the Community Development workers and prioritise food waste education.

Submitter	Submission #	Summary of comment	Council decision
L Rush	2	The submitter seeks that Council introduce green waste bins for collection	Comment noted. Refer Decision and Reasons for Decision section above.
M Bayliss	3	The submitter seeks better options for organic material.	Comment noted. Refer Decision and Reasons for Decision section above.
N Zuleta	5	The submitter suggests supplying compost and bokashi bins to households and business in addition to a red and yellow bin. The submitter also suggests buying back the compost for use around town or supply to farms as an incentive.	Council subsidises for two home composting options (outdoor Earthmaker and indoor Bokashi) are available to Mackenzie residents and businesses. Where businesses may require a different scale of composting, appropriate options can be discussed with individual businesses.

Submitter	Submission #	Summary of comment	Council decision
J Foley	7	<p>The submitter considers that we should all be composting organic wastes and that organic material is our resource, suggesting that a greenwaste collection be added. The submitter seeks that all organic greenwaste (including household and business food waste) be retained in the district and used locally. The submitter considers that this will reduce transport costs and create soil building resources for the local environment.</p> <p>The submitter seeks that Council introduce a composting facility to achieve this.</p>	<p>Comment noted. Refer Decision and Reasons for Decision section above.</p> <p>The submitter's offer of advice and support is noted with thanks.</p>
K Murphy	9	<p>The submitter considers that a plan for organic waste would secure a future of minimised waste and could also be an income source. The submitter seeks that a green bin be introduced.</p>	<p>Comment noted. Refer Decision and Reasons for Decision section above.</p>
P Jackson	11	<p>The submitter suggests that green organic waste bins need to be considered.</p>	<p>Comment noted. Refer Decision and Reasons for Decision section above.</p>
A J Kerr	13	<p>The submitter seeks that Council consider the introduction of a greenwaste collection and free dumping of greenwaste at the Resource Recovery Parks.</p>	<p>Comment noted. Refer Decision and Reasons for Decision section above.</p> <p>The Council incurs costs for the processing of greenwaste. Whilst Council recognises the benefit of free disposal to some, these costs must be met. It was considered that the current level of fees for the disposal of greenwaste at the Resource Recovery Parks was at an appropriate level to recover costs and serve as an incentive for appropriate disposal of greenwaste.</p>

Submitter	Submission #	Summary of comment	Council decision
N Geary	15	The submitter asks “can we target a specific food waste (no meat) collection system where the council use this for composting?”	Comment noted. Refer Decision and Reasons for Decision section above.
		The submitter considers that green and garden waste is an issue for rural-residential areas and suggests that disposal of this waste needs to be cheap/free to avoid fly tipping.	The Council incurs costs for the processing of greenwaste. Whilst Council recognises the benefit of free disposal to some, these costs must be met. It was considered that the current level of fees for the disposal of greenwaste at the Resource Recovery Parks was at an appropriate level to recover costs and serve as an incentive for appropriate disposal of greenwaste.
		The submitter also seeks that the public be notified when green waste is chipped.	The submitters comment is noted and staff will ensure that future chipping operations are advertised.

5. Waste education

Waste education is a key focus of the plan. The current and proposed education programme covers a wide range of projects such as school based Enviroschools and Paper 4 Trees; print advertisements and media stories; Facebook and Google Ad campaigns; promotion and subsidies of waste minimisation products such as cloth nappy packs, home composting systems, and reusable coffee cups; support of external waste minimisation projects such as EcoMailbox, and Starship cell phone recycling; involvement in national waste projects such as TV Takeback and Love Food Hate Waste; support for community based projects such as Heartlands Borrow Bags, No Straws, Sustainability Week and Recycle at your gate projects; and support for the development of waste education videos (soon to be released). Waste education is a continually evolving area and it is highly valuable to have community collaborating with Council on waste issues.

Seven submitters made a submission or comment on waste education.

As a result of considering all submissions, Council decided to:

- Work in partnership with community groups, including the continued collaboration with Community Development workers, to develop and deliver education programmes in waste management and minimisation;
- Amend the WMMP Action Plan to confirm Council's intention to work in partnership with community groups on community driven waste education programmes;
- Continue existing and proposed educational programmes and seek new opportunities as they arise;
- Prioritise food waste education programmes.

Reasons for decision

A number of submitters stressed the importance of waste education in achieving the outcomes of the WMMP, a sentiment echoed by Council. In considering all submissions and waste management and minimisation issues raised, the Council confirmed its intention to continue with existing educational opportunities, and work in partnership with our community groups to identify priorities, develop programmes and delivery.

Council see considerable value in working with groups in our communities to concentrate education on areas of mutual priority. An integrated, community driven delivery will reap greater benefits and improve the reach of import waste education. In considering submissions Council sought to confirm that a collaborative approach to waste education be part of the philosophy of Council's waste education stream and that opportunities to partner with community groups be prioritised.

Submitter	Submission #	Summary of comment	Council decision
M Bayliss	3	The submitter considers that ongoing education and communication is key to achieving the outcomes outlined in the WMMP.	Council note and endorse the submitters comment.
		The submitter seeks that Council offer more education with regular information being published in the various newsletters to share information such as waste and recycling options.	Refer Decisions and Reasons above.
N Zuleta	5	The submitter seeks that Council run workshops to communicate what is trying to be achieved.	Council remain open to new educational opportunities.
A Thomson – Heartlands Fairlie	8	The submitter considers that education plays the most important role in the reduction and disposal of waste. The submitter acknowledges the publication of information by the council as a basis of education.	Council agree with the submitter’s comment regarding the importance of education.
		The submitter seeks that the Council work with the Heartlands Centres in Twizel and Fairlie, formulating educational programmes, plans and projects, to be delivered to the community by the community centres.	Council endorse the initiatives of Heartlands and seek to develop a partnership with the Heartlands Centres in Fairlie and Twizel to develop a collaborative approach to waste education and consider this to be highly valuable in educating our communities on waste issues.
K Murphy	9	The submitter seeks that further education on the reduction of organic waste be a priority.	Council acknowledge the area of organic waste education as a priority and look forward to working with the Community Development workers in this area.

Submitter	Submission #	Summary of comment	Council decision
P Jackson	11	The submitter does not consider that education on the minimising of organic waste will impact on the amounts being disposed of in residual waste bins due to the changing use of dwellings and increase in visitor numbers.	Council acknowledge the high proportion of non-residential dwellings and short term accommodation within the district. Whilst Council note that the needs and waste outputs of these properties may differ from those of our resident population, waste education remains a valuable tool for our communities. Council intend to undertake a waste assessment to determine the difference in waste outputs of short term accommodation, compared with long term residential accommodation. This will enable informed decisions on the development of waste management practices to support non-residential properties.
W & Z Speck	14	The submitters encourage Council to educate and push towards an environmentally friendly disposal.	The submitters' encouragement is noted and Council will continue to work towards its goal of 'a future of minimised waste'.
N Geary	15	The submitter seeks that Council produce photo labels for the yellow recycling collection bins to identify which items can be recycled and what needs to be disposed of to assist holiday home owners who may be unfamiliar with the recycling system in the Mackenzie.	Staff are currently working on different methods of assisting holiday home owners and short term rental accommodation, with design work underway in collaboration with the contractor on a possible new sticker for yellow bins to demonstrate what can be recycled.

6. Tourist waste

Whilst tourism growth has a positive effect on the districts economy, it can pose negative environmental consequences including those relating to solid waste management. This is both in regard of the volumes of waste generated and the expectation of visitors to scenic environments around the management of waste.

Seven submitters made a submission or comment on tourist waste.

As a result of considering all submissions, Council decided to:

- Undertake a waste assessment audit of residential and visitor accommodation dwelling kerbside collections, and use the results of this assessment to inform appropriate solutions for supporting minimised waste and increased diversion from landfill;
- Amend the WMMP Action Plan to confirm the work required to understand the impact of tourism and options for facilitating tourism driven waste;
- Trial bins with multi-lingual signage;
- Continue to lobby Central Government for a tourist levy and/or funding of tourism infrastructure, recognising the need for appropriate disposal;
- Continue to establish a range of disposal options for tourists ranging from public litter bins to bulk disposal, and introduce signage to identify areas and options for disposal of waste.

Reasons for decision

Like some of our submitters, we are concerned about the potential impacts of tourism on waste management within the district, and would like to be able to better support our visitors and businesses while ensuring that we put the needs of our communities first.

In considering submissions to the WMMP, Council have committed to undertaking a waste assessment audit of residential and non-resident/visitor accommodation collections to better understand the differences in quantity and type of waste being disposed of in long term and short term accommodation. This information will enable evidence based solutions to be found and the results of the audit can be feed in to Council's Funding and Rating Review.

Submitter	Submission #	Summary of comment	Council decision
M Bayliss	3	The submitter seeks that the Council install systems to encourage the disposal of waste by tourists, suggesting coin operated rubbish and recycling stations.	Council has installed one coin operated bin located in Tekapo and one in Twizel. The bin in Twizel is due to be shifted to Lake Alexandrina for the summer period. These bins were co-funded through a MBIE grant and are considered a suitable means of supporting appropriate waste disposal by visitors. Council will continue to assess options for improved disposal including coin-operating bins.
S Loxton	4	The submitter seeks that additional bins be installed in towns, on streets and in rest areas complemented by improved signage for visitors, suggesting that this will minimise instances of road side rubbish.	Refer Section 9 – Public litter bins
J Foley	7	The submitter suggests that organic waste from tourists and visitors should be a revenue generator.	Council have set fees for waste in a manner which has a cost-recovery component whilst ensuring that fees are not a disincentive to appropriate handling and disposal. The introduction of coin-operated bins in Twizel and Tekapo have been proving successful and Council will consider further use of these bins as need and opportunity arise.
A Thomson – Heartlands Fairlie	8	The submitter considers that signage able to be understood by all nationalities should be used more.	Council is currently considering trialling new litter bins in Twizel with funding support from the Glass Packaging Forum. These bins are consistent with bins in other districts and use a number of languages on the signage.
K Murphy	9	The submitter states that tourist waste is a major concern for the district, and that the Plan includes more research into this but no action.	The Council consider that, whilst some actions can be taken in the short term such as changes to litter bins and signage and introduction of bulk coin operated bins, the effects of tourism on our district is changing and as such, further investigation into impacts of tourist waste, and the most effective solutions is required.

Submitter	Submission #	Summary of comment	Council decision
W & Z Speck	14	The submitters seeks that signs/symbols be incorporated on existing information boards/walking signs with messages such as 'please don't litter'.	Council staff will consider options for integrated signage such as that suggested by the submitters as the need for other signage arises.
		The submitters also consider that there needs to be an emphasis on educating tourists on effective waste management and suggest that this could be incorporated in existing marketing programmes. The submitter notes that marketing is no longer required to increase tourist numbers but to show visitors how to experience the country.	Council consider the education of residents and visitors in appropriate management of waste and important role. Consideration of how delivery of waste education may be incorporated into existing marketing will be made, in collaboration with Council's contractor, ChristchurchNZ.
N Geary	15	The submitter seeks that recycling skips be used to allow travellers to separate their waste and recycling.	<p>Council have used coin operated bins to support appropriate waste disposal by visitors. The current bins are located in Tekapo and in Twizel. The bin in Twizel is due to be shifted to Lake Alexandrina for the summer period. These bins were co-funded through a MBIE grant.</p> <p>As a first step to providing bulk recycling options, a trial of a glass disposal skip has been installed at Hamilton Drive, Tekapo and is being monitored for contamination.</p>

7. Collection system

Council provides a three bin service to our main urban areas including Albury, Fairlie, Kimbell, Burkes Pass, Tekapo and Twizel. Other rural properties located along the collection route between the townships can voluntarily opt into the service, provided the collection truck has a safe place to stop. Glass is currently processed at a site in Twizel where it is crushed and used in roading materials. There are no other recycling or reprocessing plants within the district, with all other recycling being transported out of the district for processing.

Six submitters made a submission or comment on the collection system and / or vehicle.

As a result of considering all submissions, Council decided to:

- Confirm the current collection and system, withholding any changes to the system until contract renewal in October 2021.

Reasons for decision

Council's current collection system is managed by Envirowaste through a contract which expires October 2021. Council have considered the submissions regarding our collection system and consider that the most appropriate time for any changes is through contract tendering. All submission points will be considered in preparing for renewal of the Solid Waste Contract.

Submitter	Submission #	Summary of comment	Council decision
C Macdonald	1	The submitter states that they do not receive a rubbish collection service and requests that council either reduce rates levied/amended if these services are not used, increase rubbish collection or offer free dumping for these excluded areas – eg Manuka Terrace zone.	Refer Decision and Reasons above. The Council notes that the kerbside wheelie bin service is charged as a targeted rate which is not applied to properties outside the service area, such as Manuka Terrace. Where properties are outside the collection area, but either on the collection route between the towns or able to bring bins to an agreed collection point, such properties are able to opt into the service and are rated accordingly. Where this arrangement is not suitable, residents are able to take waste into their local Resource Recovery Park and will be charged based on the amount of waste disposed of, with recycling and glass accepted at no charge.
M Bayliss	3	The submitter states that “Twizel has excellent refuse and recycling services” but notes that some people expect free dumping of rubbish.	Council notes that some may expect to be able to dispose of waste at no charge. The fees and charges for waste have a cost recovery component to cover processing, transport and disposal costs but Council endeavors to set these fees as low as possible as an incentive for appropriate disposal.
J Spriggs	10	The submitter notes that the collection vehicles are used on a regular rotation throughout the region and that, when collecting, travel at a slow pace, stopping frequently, which is an inefficient means of burning petroleum fuel. The submitter considers that it would be a positive for council to use an electric vehicle for its collection.	Refer Decision and Reasons above.
A J Kerr	13	The submitter notes that the size of the residual bins does not encourage reduction in the disposal of organic waste. The submitter suggests an experiment of using shared bins amongst a group of neighbours to reduce the total volume disposed of, and that greenwaste be collected on a different day and disposed of free of charge.	At the time of preparing its current contract, Council consider collection options and selected the bin sizes and frequency of collection for the kerbside service to encourage residents to separate their waste and recycle. Refer Decision and Reasons for Decision section above regarding collection and Section 4 Decisions and Reasons for Decision regarding greenwaste.

Submitter	Submission #	Summary of comment	Council decision
			The submitter's offer of advice and support is noted with thanks.
W & Z Speck	14	The submitters seek that council instate a functional, transparent collection system, and that lessons be taken from the management of waste in Sweden.	The submitters' comment is noted.
N Geary	15	The submitter states that it does not make sense for waste to be picked up in Fairlie, transported to Twizel and then to Christchurch. The submitter seeks that this process be reviewed with respect to carbon emissions for road transport.	Twizel provides the main base for the contractor and waste in the district. There are two collection days allocated for the Twizel township, one for Tekapo and one for Fairlie. All waste from the kerbside collections are brought back to Twizel, being the base for the collection truck. From the Twizel Resource Recovery Park, residual waste is transported directly to Winton, Southland, with mixed recycling being transported to EcoCentral in Christchurch for sorting and glass is transported to Road Metals site in Twizel. Transport routes from the Mackenzie can be challenging, however shifting the main base away from Twizel would result in additional travel due to the frequency of collections across the district. The collection system will be reviewed as part of the change in contract and will take into account any possible reductions of carbon emissions.

8. Other waste types

There are three Resource Recovery Parks (RRPs) and Class 4 Cleanfill sites which are located in Twizel, Tekapo and Fairlie, with the operation of these contracted to EnviroWaste. Waste can be dropped off at our RRP's by the public and commercial collectors and all three parks accept residual waste, green / garden waste, recyclables including mixed recycling, electronic items, glass and metal, domestic quantities of waste oil, paint and hazardous substances, batteries, LPG cylinders and tyres.

The following submissions relate to the addition of further waste collections/disposal options, excluding greenwaste which is addressed separately in this report (refer Section 4 – greenwaste / organic waste).

Four submitters made a submission or comment on other waste types for collection and/or disposal.

As a result of considering all submissions, Council decided to:

- Continue with the existing collection and acceptance of material with a review to be undertaken ahead of contract renewal in October 2021.

Reasons for decision

Council's current collection system and operation of our Resource Recovery Parks is managed by Envirowaste through a contract which expires October 2021. Council have considered the submissions regarding waste types for collection and consider that the most appropriate time for any changes is through contract tendering. All submission points will be considered in preparing for renewal of the Solid Waste Contract.

Submitter	Submission #	Summary of comment	Council decision
J Foley	7	The submitter seeks that cardboard waste be bundled separately from other recyclable materials.	<p>The kerbside collection truck is designed to lift and empty bins and manually loading material can present health and safety issues. Currently our system is aimed at collecting and emptying waste and recycling inside collection bins.</p> <p>It is noted that loose cardboard can be dropped into the local Resource Recovery Parks at no charge.</p>

Submitter	Submission #	Summary of comment	Council decision
K Murphy	9	The submitter seeks that Council introduce bottle deposits or, as a minimum, establishes a bottle drive event. The Kiwi Bottle Drive (www.kiwibottledrive.nz) is suggested as a resource pack for communities to assist with this.	Council recently supported a remit to LGNZ to establish a container deposit scheme in consultation with local government in order to lift recycling rates. Comments on the Kiwi Bottle Drive are noted.
P Jackson	11	The submitter questions the disposal of batteries asking “are our ratepayers getting the best deal here, where they do not get paid and have been charged for this service in the past?”	<p>In setting fees and charges for waste Council endeavors to set these fees as low as possible as an incentive for appropriate disposal whilst ensuring that they have a cost recovery component to cover processing, transport and disposal costs.</p> <p>Council note that the other organisations such as the Lions routinely run battery collections. Council will encourage and support these ventures.</p>
N Geary	15	The submitter asks “can the council set up a battery drop off point?”	<p>Council notes that projects focused on small household battery recycling, such as AA sized batteries, are currently being trialed in Canterbury. Staff are monitoring the success of this trial and how this could be adapted to suit our district.</p> <p>Vehicle batteries are accepted at the Resource Recovery Parks at no charge. Council note that the other organisations such as the Lions routinely run battery collections. Council will encourage and support these ventures.</p>

9. Public litter bins

Public litter bins are managed under the Community Facilities Department and serviced under the Township Maintenance contract. Public litter bins and recycling stations are important township facilities.

Three submitters made a submission or comment on public litter bins.

As a result of considering all submissions, Council decided to:

- Trial multi-lingual signage, and replicate if successful;
- Explore options for additional public litter bins, and/or changes to the location of bins whilst managing effects of excessive placement;
- Continue to establish a range of disposal options ranging from public litter bins to bulk disposal, and introduce signage to identify areas and options for disposal of waste.

Reasons for decision

Council has listened to the concerns expressed by submitters regarding public litter bins and signage and agrees this is an important issue. Council have taken on board all of the submissions regarding the number of bins and will carefully consider future planning for the installation of additional rubbish disposal and recycling facilities.

Council's current coin operated bulk rubbish disposal bins are proving successful with one being located by the Campervan effluent station on Hamilton Drive and a second bin is due to be located near Lake Alexandrina for the summer period. Council is also trialling new signage containing directions to bulk waste disposal bins, with these new signs are due to be erected shortly. To assist visitors to our district identifying appropriate disposal options, the location of bulk bins will be advertised on camping apps.

We will continue to assess all new opportunities for improved waste and recycling bins and signage as opportunities arise, and trial a range of options to support appropriate management of waste by those visiting our district.

Submitter	Submission #	Summary of comment	Council decision
M Bayliss	3	The submitter seeks that additional coin operated rubbish and recycling stations be instated to support appropriate disposal by visitors.	Refer Decision and Reasons above.
S Loxton	4	The submitter notes that where bins are accessible these are used but suggests that there are not enough bins in our towns, on streets and in rest areas.	Refer Decision and Reasons above.
		The submitter also notes the lack of clear sign postings indicating the location of rubbish bins.	Refer Decision and Reasons above.
W & Z Speck	14	The submitters seek that Council instate additional residual rubbish bins and that the option of this be considered for all public carparks and that these be a single waste bin rather than 'a "lip confession" exercise of offering waste separation bins and then still sending the whole lot as residual to landfill'.	Refer Decision and Reasons above. Council note that township litter bins provide for residual waste, recycling and glass. These recycling bins are lined with clear bags that allow contractors to check for contamination. Where the contractor considers the contamination of recycling to be excessive, this will be placed with residual waste to avoid contaminating other clean recycling and causing issues at the sorting facility.

10. Farm waste

Rural properties have different waste requirements, which are not fully addressed in Council services. There is potential to encourage better management of this waste stream, and support of existing services.

Two submitters made a submission or comment on farm waste.

As a result of considering all submissions, Council decided to:

- Work with farming sector to determine waste management needs;
- Encourage and support the use of existing services and sector schemes including AgRecovery;
- Promote waste management in the rural sector through education and promotion of industry and Regional Council information.

Reasons for decision

Council consider that, in order to inform decisions and new programmes, there is a need to better understand how much waste is being produced in the rural sector, how this is being managed and where there may be opportunities to reduce or recycle. In supporting our rural community, Council will work with the farming sector, and support existing and developing industry waste management practices.

Submitter	Submission #	Summary of comment	Council decision
M Bayliss	3	The submitter states that burying waste on farms needs to be phased out and that practices which were appropriate for farms with small waste volumes are now unacceptable for intensively farmed properties.	Refer Decision and Reasons above.

Submitter	Submission #	Summary of comment	Council decision
Environment Canterbury	6	<p>The submitter supports the inclusion of actions geared around understanding of the needs of rural communities to identify new and alternative rural waste disposal and diversion opportunities.</p> <p>In particular, the submitter suggests consideration of alternative waste diversion and disposal options for plastic bailage wrap, rubber and some building materials as the burning of these is not provided for under the Canterbury Air Regional Plan.</p>	<p>Council appreciate the submitters support.</p> <p>Council will incorporate the submitters suggestions regarding particular rural waste streams in future work around appropriate management of rural waste and support for our rural community.</p>
		<p>The submitter also suggests that assessment of what rubbish is disposed of through farm rubbish pits and how these materials could continue to be disposed of, re-used or diverted at the source may complement the Farm Environment Plan process and promote improved compliance, whilst giving greater effect to the Canterbury Regional Policy Statement.</p>	<p>The submitter's comment is noted. These matters will be included in future work regarding management of rural waste.</p>

11.Other – general comments

The following are topics that received comment from only one submitter.

Submitter	Submission #	Summary of comment	Council decision
M Bayliss	3	The submitter encourages the Council to follow through with this plan of action.	The submitters comment is noted.
N Zuleta	5	The submitter seeks that Council get businesses involved.	Council endeavors to work with all sectors of our communities. Council acknowledge the differing waste needs of commercial users, including the need for specialist waste disposal and will explore opportunities for improved facilitation of waste needs.
		The submitter also notes that a financial incentive such as buying back compost, rate discounts etc are more likely to work.	Council incurs costs associated with waste management, however endeavor to keep charges to the public as low as possible as an incentive to manage waste appropriately, such as the shift to free recycling drop off from 1 July 2017.
Environment Canterbury	6	<p>The submitter recognises the effort taken by Council in developing and recording waste management and minimisation systems.</p> <p>The submitter supports the direction of the draft Plan as set out in the goals, objectives and actions.</p>	The submitters support is noted.

Submitter	Submission #	Summary of comment	Council decision
A Thomson – Heartlands Fairlie	8	The submitter states that ‘I believe in Rubbish Police with the power to find however I have no idea how this might work!’	<p>Council values working with our communities and use of education and incentives ahead of enforcement or infringements.</p> <p>Current enforcement includes the tagging of collection bins which contain inappropriate material and the non-collection for repeat occurrences, and invoicing for flytipping when the offender can be identified.</p> <p>Other enforcement actions such as fines would require a change to the Solid Waste Bylaw, which would require enforcement and are not deemed necessary at this time.</p>
		The submitter considers that the Mackenzie is capable of big steps in minimising waste production and disposal and considers that Heartlands have a place in that happening.	Council endorse the work of Heartlands and the Community Development workers in the area of waste management and minimisation and seek to work in partnership on future development and delivery of programmes. Council consider that a joint approach is highly valuable in educating our communities on waste issues.
N Geary	15	The submitter supports investigating future options and making continual improvements and seeks that more communication and consultation is undertaken to support this.	<p>The submitter’s support is noted.</p> <p>Any changes to the level of service will be undertaken in consultation with our community and ratepayers.</p>
		The submitter also seeks that fly tipping is collected and analysed for the purposes of enforcement.	Council notes that fly tipping is managed on a case by case basis and material is inspected for possible evidence of the person responsible.