

Summary of submissions to the Draft Waste Management and Minimisation Plan 2018-24

6 September 2018



Purpose

This report provides a summary overview of submissions to Council’s Draft Waste Management and Minimisation Plan (WMMP), with officer comment provided where required.

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 LTP by completing the submission form included with the Consultation Document, 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.

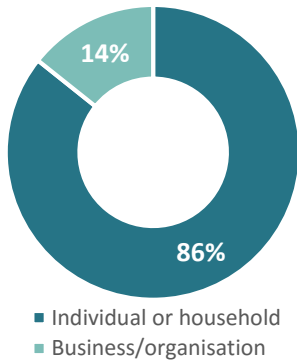
The submissions were provided to Councilors on Tuesday 4 September.

Submissions

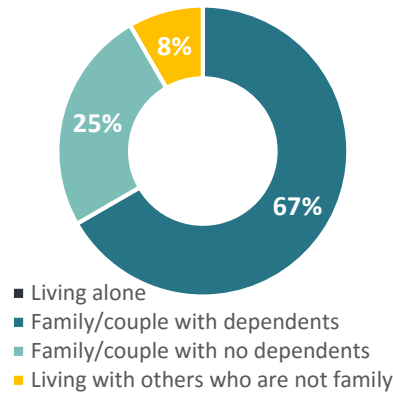
List of Submissions by submission number	Wish to be heard?
1 C Macdonald	No
2 L Rush	No
3 M Bayliss	No
4 S Luxton	Yes
5 N Zuelta	No
6 Environment Canterbury Regional Council	No
7 J Foley	Yes
8 A Thomson - Heartlands Fairlie	Yes
9 K Murphy	No
10 J Spriggs	No
11 P Jackson	No
12 W Morgan	No
13 A J Kerr	Yes
14 W & Z Speck	No
15 N Geary	No

Demographic profile

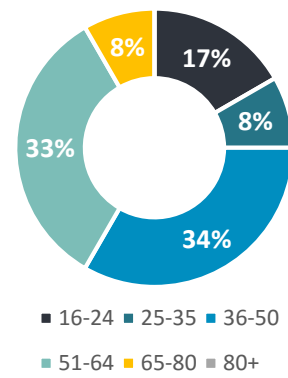
Household or business/organisation (14)



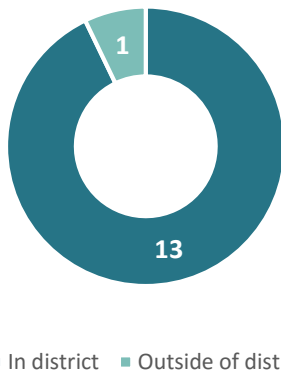
Household profile (12)



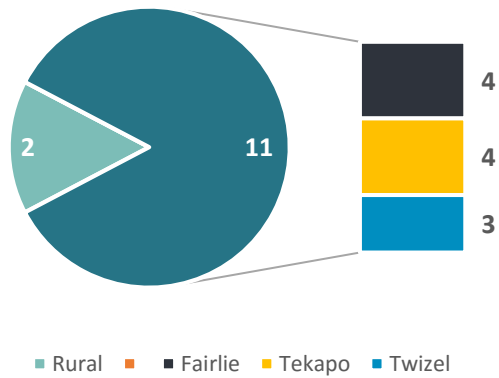
Age group (12)



Living in District (14)



Area (13)



Submission topics

The Draft WMMP submission form collated demographic information to 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.

The following summary of submissions is grouped by each of the above questions, with general comments grouped by topic with those topics which received the most submissions through to those with the least:

Submission topic	Page
1 Should we be doing more to reduce, reuse and recycle? (7)	4
2 Do our visions, goals & objectives cover the work we should be doing? (4)	6
3 Will our Action Plan ensure that we meet our vision? (8)	8
4 Greenwaste / organic waste (8)	11
5 Waste education (7)	14
6 Tourist waste (7)	16
7 Collection system (6)	18
8 Other waste types (4)	20
9 Public litter bins (3)	21
10 Farm waste (2)	23
11 Other – general comments (5)	24

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.

Overview of submitter comments on whether we should be doing more to reduce, reuse and recycle our waste

Seven submitters provided additional comment regarding this.

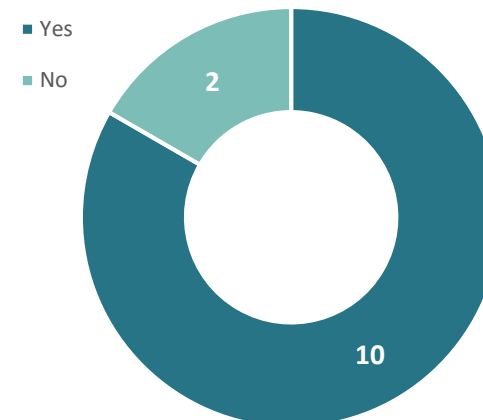
Submitter	Submission #	Response	Summary of comment	Officer comment
L Rush	2	Yes	The submitter seeks that Council introduce green waste bins for collection	Refer Section 4 – Greenwaste / organic waste
M Bayliss	3	Yes	The submitter seeks better options for organic material and suggests education, regular information in the various newsletters sharing simple information such as recycling options. The submitter also seeks that there be incentives for commercial users (eg builders) to recycle.	Refer Section 4 – Greenwaste / organic waste Charges to dispose of recycling at the Resource Recovery Parks were removed 1 July 2017 as an incentive to encourage recycling. There has been a subsequent increase in recycling received. The submitters comment that incentives should be directed at commercial users is noted.
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. The submitter notes an increase in road side rubbish which is not recyclable.	Refer Section 9 – Public litter bins It is acknowledged that litter from clean up events is often difficult to recycle.

Submitter	Submission #	Response	Summary of comment	Officer comment
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.	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 with the view that waste can be a resource. Staff note that work in this area is ongoing.
J Spriggs	10	Yes	The submitter suggests the use of an electric vehicle for the collection of waste.	Refer 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.	It is noted that there is room for improvement in waste management and minimisation practices and that other countries can provide good examples and learning opportunities.
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.	It is considered that waste is an area that is continually evolving and our systems and facilities need to adapt so that continuous improvement can be made.

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.



Overview of submitter comments on whether our visions, goals and objectives cover the work the Council needs to do on waste management and minimisation

Four submitters made a submission or comment regarding the proposed visions, goals and objectives.

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

Submitter	Submission #	Response	Summary of comment	Officer comment
M Bayliss	3	Yes	The submitter suggests adding more coin operated rubbish and recycling stations is necessary to avoid the dumping of rubbish.	Refer Section 9 – Public litter bins
S Loxton	4	No	The submitter suggests involvement of the community (eg. Adopt a highway). The submitter also suggests the Plan should consider tourists driving through the area.	Council staff work with community groups on waste related projects such as clean up events. The idea posed by the submitter is noted. It is noted that tourism waste is a growing issue – refer Section 6 – Tourist waste
P Jackson	11	Yes	The submitter suggests that green organic waste bins need to be considered.	Refer Section 4 – Greenwaste / organic waste
W & Z Speck	14	Yes	The submitter urges Council to lobby central government to ensure that effective and innovative	Mackenzie District Council works with other Councils in lobbying central government on a number of waste related issues.

Submitter	Submission #	Response	Summary of comment	Officer comment
			<p>waste management and minimisation are promoted amongst Councils.</p> <p>The submitter suggests learnings can be made of the model in Sweden.</p>	<p>It is noted that other countries' practices and models can provide good examples and learning opportunities.</p>

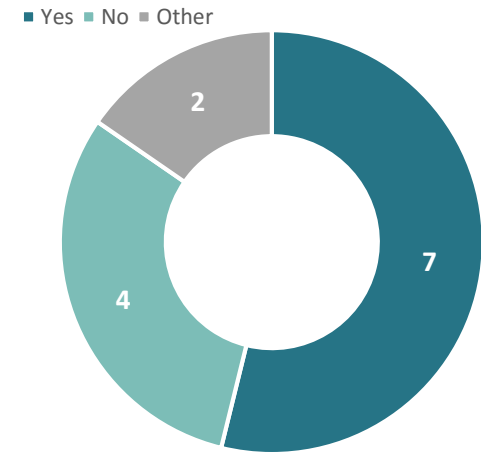
3. Will our action plan ensure that we meet our vision?

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.

Overview of submitter comments on whether our Action Plan will ensure that we can meet our vision of a future of minimised waste

Eight submitters made a submission or comment regarding the proposed Action Plan.



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

Submitter	Submission #	Response	Summary of comment	Officer comment
M Bayliss	3	Yes	<p>The submitter considers that, with the addition of their other suggestions, Council can meet its vision.</p> <p>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.</p>	<p>Refer Sections 1, 4, 5, 6 and 9 for suggestions and comment.</p> <p>Refer Section 10 – Farm waste</p>
S Loxton	4	No	<p>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.</p>	<p>Refer Section 9 – Public litter bins</p>

Submitter	Submission #	Response	Summary of comment	Officer comment
N Zuleta	5	Yes	<p>The submitter suggests supplying compost and bokashi bins to households and business in addition to a red and yellow bin.</p> <p>The submitter also suggests buying back the compost for use around town or supply to farms as an incentive.</p>	Refer Section 4 – Greenwaste / organic waste
J Foley	7	No	<p>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.</p> <p>The submitter considers that we should all be composting organic wastes and that organic material is our resource.</p>	<p>The WMMP process has highlighted the issue of organic waste being sent to landfill. Staff consider that further investigation into options, costing and consideration on how this may fit within either our existing contract or future contracts is required.</p> <p>Refer Section 4 – Greenwaste / organic waste</p>
A Thomson – Heartlands Fairlie	8	Other	The submitter states that they hope the Action Plan will allow Council to meet the vision.	
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 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.	Comment is noted and staff will consider further investigation into this issue.
W & Z Speck	14	Yes	<p>The submitters states that they are very much in favour of the proposed WMMP.</p> <p>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.</p>	<p>The submitters support is noted</p> <p>Refer Section 6 – Tourist waste</p>

Submitter	Submission #	Response	Summary of comment	Officer comment
			The submitters also suggest that bins be placed in all public carparks, and the use of educational signage in public areas (eg walkways).	Refer Section 9 – Public litter bins and Section 6 – Tourist waste

4. Greenwaste / organic waste

The matter of greenwaste / organic waste was the most commonly raised issue in the submissions, with eight submitters commenting on this topic.

Organic waste has been identified as a key issue through the WMMP process. 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.

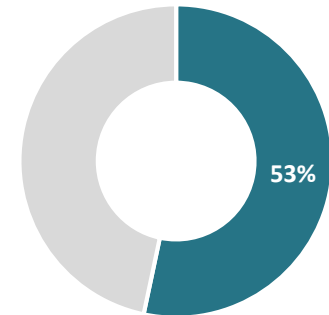
Mackenzie District Council provided a greenwaste collection for a period of time while a vertical composting unit was operated in Twizel. This was disestablished 10 years ago due to health and safety and financial reasons. Since then, garden green waste has been accepted at all three Resource Recovery Parks (RRPs) for a small charge to encourage the public to bring greenwaste into the recovery parks rather than fly tipping. This greenwaste is then mulched by Council and either given away at no charge to the public or used in Council landscaping. The charge to those disposing of greenwaste at the RRP covers the cost of this mulching.

In preparing the current Solid Waste contract the introduction of an organic collection was considered, however this was deemed to be in excess of Council's budgets at the time. Council's current Solid Waste contract is due to expire in October 2021. If Council sought to change the existing levels of service through an additional collection, this would be most appropriate at the time of reviewing the Solid Waste contract.

Around the country there have been moves to provide kerbside food or greenwaste collections, with many areas having provided this service for a number of years. It is understood that Ashburton District Council has recently adopted a new contract with a provision for a food waste collection to be implemented in 2020. It is considered that this will provide a good case study for how a food waste collection can be implemented including, the types and sizes of bins used, collection frequency, collection vehicles, processing of waste and end use of material. It is also understood that Queenstown are currently tendering for a new contract and have signalled interest in an organics collection.

The Council subsidises two home composting options (outdoor Earthmaker and indoor Bokashi) 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 it is recognised that home composting is not suitable for all residents or properties.

Further investigation into possible options to address organic waste is proposed by the WMMP, including exploration of options for collection or greenwaste, how this might be integrated into the existing collection system. Council staff will consider models employed by other Council's and work with contractors to design an appropriate system, workshopping all options with Council. It is recommended that this work would be most appropriately undertaken in preparation for contract renewal in 2021.



Submitter	Submission #	Summary of comment	Officer comment
L Rush	2	The submitter seeks that Council introduce green waste bins for collection	As discussed above, the issue of organic waste being sent to landfill is a key issue identified through the WMMP process. Investigation into possible options to address organic waste is proposed.
M Bayliss	3	The submitter seeks better options for organic material.	As discussed above, the issue of organic waste being sent to landfill is a key issue identified through the WMMP process. Investigation into possible options to address organic waste is proposed.
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.	The subsidies are available to Mackenzie residents and businesses are able to take advantage of the composting offers. Where businesses may require a different scale of composting, appropriate options can be discussed with individual businesses.
J Foley	7	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. The submitter seeks that Council introduce a composting facility to achieve this.	As discussed above, the issue of organic waste being sent to landfill is a key issue identified through the WMMP process. Investigation into possible options to address organic waste is proposed.
K Murphy	9	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.	As discussed above, the issue of organic waste being sent to landfill is a key issue identified through the WMMP process. Investigation into possible options to address organic waste is proposed.
P Jackson	11	The submitter suggests that green organic waste bins need to be considered.	As discussed above, the issue of organic waste being sent to landfill is a key issue identified through the WMMP process. Investigation into possible options to address organic waste is proposed.
A J Kerr	13	The submitter seeks that Council consider the introduction of a greenwaste collection and free dumping of greenwaste at the Resource Recovery Parks.	As discussed above, the issue of organic waste being sent to landfill is a key issue identified through the WMMP

Submitter	Submission #	Summary of comment	Officer comment
			<p>process. Investigation into possible options to address organic waste is proposed.</p> <p>The Council incurs costs for the processing of greenwaste. Offering free greenwaste disposal would require consideration of how these costs could otherwise be met.</p>
N Geary	15	<p>The submitter asks “can we target a specific food waste (no meat) collection system where the council use this for composting?”</p> <p>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.</p> <p>The submitter also seeks that the public be notified when green waste is chipped.</p>	<p>As discussed above, the issue of organic waste being sent to landfill is a key issue identified through the WMMP process. Investigation into possible options to address organic waste is proposed.</p> <p>The Council incurs costs for the processing of greenwaste. Offering free greenwaste disposal would require consideration of how these costs are managed.</p> <p>The submitters comment is noted and staff will endeavour to advertise future chipping operations.</p>

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 groups interested in collaborating with Council on waste issues.

Staff consider submitters have made generally positive suggestions for waste education and these will be taken on board in the ongoing development of the education programme. In particular, staff will continue to work with the Heartlands Centres and other community groups on waste related projects and note that the open and collaborative approach of these groups is appreciated by staff and that a joint approach is considered to be highly valuable in educating our communities on waste issues. A new education campaign aimed at encouraging residents to minimise waste is also being developed and will be initially intended for local newsletters. Comments on education around organic waste are noted and further consideration can be targeted to this.

Seven submitters made a submission or comment on waste education.

Submitter	Submission #	Summary of comment	Officer comment
M Bayliss	3	<p>The submitter considers that ongoing education and communication is key to achieving the outcomes outlined in the WMMP.</p> <p>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.</p>	<p>The submitters comment is noted and endorsed by staff.</p> <p>The proposed education programmes include continued publishing of information and advice on waste and recycling issues in local newsletters and online.</p>
N Zuleta	5	The submitter seeks that Council run workshops to communicate what is trying to be achieved.	

Submitter	Submission #	Summary of comment	Officer comment
A Thomson – Heartlands Fairlie	8	<p>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.</p> <p>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.</p>	<p>Staff endorse the submitter’s comment regarding the importance of education.</p> <p>Staff propose to continue to work with the Heartlands Centres and other community groups on waste related projects and note that the open and collaborative approach of these groups is appreciated by staff and that a joint approach is considered to be highly valuable in educating our communities on waste issues.</p>
K Murphy	9	<p>The submitter seeks that further education on the reduction of organic waste be a priority.</p>	<p>Staff acknowledge the area of organic waste education as a priority.</p>
P Jackson	11	<p>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.</p>	<p>Staff acknowledge that the dynamic and needs of the district are changing and consider that there are a range of work programmes which are needed.</p>
W & Z Speck	14	<p>The submitters encourage Council to educate and push towards an environmentally friendly disposal.</p>	
N Geary	15	<p>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.</p>	<p>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 show what can be recycled.</p>

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. Staff consider that, whilst some projects such as appropriate labelling of bins, and changes to public litter and bulk disposal options can be undertaken in the short term, further consideration of the needs and appropriate responses are required before works or programmes can be implemented to address tourism waste.

Seven submitters made a submission or comment on tourist waste.

Submitter	Submission #	Summary of comment	Officer comment
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.	Currently there is 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.
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 all waste in a manner which has a cost-recovery component whilst ensuring that fees are not a disincentive to appropriate handling and disposal.
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, however this has yet to be finalised. 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.	While 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 ways in which our district is experiencing tourism has changed and as such, staff consider

Submitter	Submission #	Summary of comment	Officer comment
			that further investigation into the most effective ways to address tourist waste is required.
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'. 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.	<p>Council is currently considering trialling new litter bins in Twizel with funding support from the Glass Packaging Forum, however this has yet to be finalised. These bins are consistent with bins in other districts and use a number of languages on the signage.</p> <p>Staff note the importance of educating residents and visitors in appropriate management of waste. The submitters suggestion of incorporating signage is noted and staff recommend that options for integrated signage be assessed as opportunities arise to ensure a balance between public education and visual pollution is maintained.</p>
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.

Submitter	Submission #	Summary of comment	Officer comment
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.	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, 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.	It is noted that some may expect to be able to dispose of waste at no charge, particularly greenwaste. The fees and charges for waste have a cost recovery component to cover processing, transport and disposal costs but are set 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.	Several electrical waste collection trucks are now being used in New Zealand. Consideration of this may be a future option and would be best explored as part of a renewal of the Solid Waste Contract.

Submitter	Submission #	Summary of comment	Officer comment
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.	The bin sizes and frequency of collection for the kerbside service are designed to encourage residents to separate their waste and recycle. This system will be reviewed at the renewal of the contract and have potential to be altered, particularly if a greenwaste bin is introduced.
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.	It is noted that there are learnings to be gained from overseas examples.
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.

Submitter	Submission #	Summary of comment	Officer comment
J Foley	7	The submitter seeks that cardboard waste be bundled separately from other recyclable materials.	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. Loose cardboard can be dropped into the local Resource Recovery Parks at no charge.
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?”	Currently vehicle batteries are accepted at the Resource Recovery Parks at no charge, however it is understood some recyclers may pay customers where these are dropped off directly.
N Geary	15	The submitter asks “can the council set up a battery drop off point?”	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 the Mackenzie. Currently vehicle batteries are accepted at the Resource Recovery Parks at no charge, however it is understood some recyclers may pay customers where these are dropped off directly.

9. Public litter bins

Public litter bins and recycling stations are important township facilities. Three submitters made a submission or comment on public litter bins.

Submitter	Submission #	Summary of comment	Officer comment
M Bayliss	3	The submitter seeks that additional coin operated rubbish and recycling stations be instated to support appropriate disposal by visitors.	<p>Currently there is 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.</p> <p>Township litter bins are managed under the Community Facilities Department and serviced under the Township Maintenance contract.</p>
S Loxton	4	<p>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.</p> <p>The submitter also notes the lack of clear sign postings indicating the location of rubbish bins.</p>	<p>Litter bins are managed under the Community Facilities Department and serviced under the Township Maintenance contract. The location of litter bins in Lake Tekapo is ongoing due to the redevelopment work. The submitter's comments on the number of bins will be taken on board when planning for the installation of additional facilities. One coin operated bulk rubbish disposal bin has been 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. New signs have been designed to go above the existing sets of litter bins with directions to bulk waste disposal bins, these new signs are due to be erected shortly. The location of the bulk bins will also be advertised on camping apps used by travellers.</p> <p>To improve waste disposal options for tourists, two coin operated bulk rubbish disposal bins are being trialled. One bin has been located by the campervan effluent station on Hamilton Drive and a second bin is currently located in Twizel, although is due to be shifted near Lake Alexandrina</p>

Submitter	Submission #	Summary of comment	Officer comment
			<p>for the summer period. A glass recycling skip is also being trialled at the Hamilton Drive site.</p> <p>Signs to reduce bulk dumping of waste at township litter bins have been installed above bin stations in Twizel and similar signs are due to be erected in Tekapo shortly. These signs provide directions to bulk waste disposal bins and Resource Recovery Parks. The location of the bulk bins will also be advertised on camping apps used by travellers.</p>
W & Z Speck	14	<p>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'.</p>	<p>Township litter bin stations provide for residual waste, recycling and glass. 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.</p>

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. Staff recommend that, in order to inform decisions and new programmes, there is a need to better understand how much waste is being produced, how this is being managed and where there may be opportunities to reduce or recycle.

Comments around farm waste are noted and further investigation into how to better support our rural communities manage waste is required.

Submitter	Submission #	Summary of comment	Officer comment
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.	Staff note the importance of farm waste and propose exploration of appropriate systems and support for sector improvements.
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 burlap wrap, rubber and some building materials as the burning of these is not provided for under the Canterbury Air Regional Plan.</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 submitters support is appreciated.</p> <p>Staff recommend that the submitters suggestions regarding particular rural waste streams are incorporated in future work around appropriate management of rural waste and support for the rural community.</p>

11. Other – general comments

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

Submitter	Submission #	Summary of comment	Officer comment
M Bayliss	3	The submitter encourages the Council to follow through with this plan of action.	
N Zuleta	5	The submitter seeks that Council get businesses involved. The submitter also notes that a financial incentive such as buying back compost, rate discounts etc are more likely to work.	Under waste education, staff recommend working with all sectors of our communities, including businesses. 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	The submitter recognises the effort taken by Council in developing and recording waste management and minimisation systems. The submitter supports the direction of the draft Plan as set out in the goals, objectives and actions.	The submitters support is noted.
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!’ 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.	There are some provisions under the Litter Act 1979 to prosecute in instances of illegal dumping. Other enforcement actions such as fines would require a change to the Solid Waste Bylaw, which would require enforcement. Staff propose to continue to work with the Heartlands Centres and other community groups on waste related projects and note that the open and collaborative approach of these groups is appreciated by staff and that a joint approach is considered to be highly valuable in educating our communities on waste issues.

Submitter	Submission #	Summary of comment	Officer comment
N Geary	15	<p>The submitter supports investigating future options and making continual improvements and seeks that more communication and consultation is undertaken to support this.</p> <p>The submitter also seeks that fly tipping is collected and analysed for the purposes of enforcement.</p>	<p>Comments are noted and suggestions will be considered in future work plans.</p> <p>Fly tipping is managed on a case by case basis and material is inspected for possible evidence of the person responsible.</p>