



# SUBMISSIONS TO THE DRAFT WASTE MINIMISATION AND MANAGEMENT PLAN

Property and Infrastructure



QUEENSTOWN  
LAKES DISTRICT  
COUNCIL

## **Submissions Hearings to the QLDC Draft Waste Minimisation and Management Plan 2018**

**Department: Property & Infrastructure**

### **Purpose**

- 1 To consider submissions received following public consultation on the QLDC Draft Waste Minimisation and Management Plan 2018 (WMMP).

### **Recommendation**

That Council:

1. Consider all submissions to the QLDC Draft Waste Minimisation and Management Plan 2018 together with comments from officers.
2. Authorise officers to amend the QLDC Draft Waste Minimisation and Management Plan 2018 based on deliberations post hearings.

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8 May 2018

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Title

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## **Background**

- 2 Queenstown Lakes District Council has a statutory responsibility to promote effective and efficient waste minimisation and management within the Queenstown Lakes District. In order to do this, the Council is required to adopt a Waste Minimisation and Management Plan (WMMP/the Plan) in accordance with the Waste Minimisation Act 2008 (the Act) Sections 43 and 44.
- 3 In preparing, amending, or revoking a WMMP, Council must; consider the following methods of waste management and minimisation (listed in descending order of importance):
  - (i) reduction
  - (ii) reuse
  - (iii) recycling
  - (iv) recovery
  - (v) treatment
  - (vi) disposal

and ensure that the collection, transport, and disposal of waste does not, or is not likely to, cause a nuisance; and have regard to the New Zealand Waste Strategy, or any government policy on waste management and minimisation that replaces the strategy; and have regard to the most recent assessment undertaken by the territorial authority under section 51; and use the special consultative procedure set out in section 83 of the Local Government Act 2002 and, in doing so, the most recent assessment undertaken by the territorial authority under section 51 must be notified with the statement of proposal.

- 4 Council's existing WMMP 2011 was due for review by December 2017. The Ministry for the Environment provided guidance to ensure statutory obligations were met in regards to the timing of the review and adoption of a new plan process. The review process has met these requirements.
- 5 The QLDC Waste Assessment and WMMP review commenced in February 2017. The review included stakeholder working group meetings together with; elected members, service providers and contractors, Council officers, specialist solid waste consultants and Central Otago District Council representation.
- 6 QLDC's Infrastructure Committee were briefed on the progress in workshops throughout the development of the draft Plan.

## **Consultation**

- 7 To enable efficiency of consultation and alignment with proposed funding in the Ten Year Plan (TYP), the QLDC Executive Leadership Team endorsed that the draft WMMP 2018 be consulted concurrently with the TYP 2018/28.
- 8 The draft WMMP was reviewed by Public Health South and endorsement of the Plan was received by the Medical Officer of Health in February 2018.

- 9 **Attachment A - QLDC Draft Waste Minimisation and Management Plan 2018** was publically consulted during 23 March – 30 April 2018. Supporting information included **Attachment B - QLDC Waste Assessment**. The Waste Assessment includes all programme options considered by the working party. The draft WMMP 2018 presents Council's preferred programme option.
- 10 To meet the requirements of the Local Government Act, the draft Plan underwent a special consultative procedure. This included; hard copies of the draft Plan and Statement of Proposal available at Council facilities (offices and libraries), an online survey and submission feedback form, social media notifications, advertising of the process in local newspapers and community newsletters, promotion on the Council website, direct email to targeted community groups and a media advisory resulting in a newspaper article.
- 11 During the consultation period, the Council's Senior Waste Minimisation Planner and Infrastructure Chair attended an event hosted by Sustainable Queenstown. The free public event included a presentation on zero waste and provided an opportunity for participants to ask questions on the draft Plan.
- 12 At closure of the consultation period, a total of 199 completed submissions were received and are attached **Appendix C - Submissions**.
- 13 The results of the online survey are attached **Appendix D - Online Survey**.
- 14 To help consider the submission feedback, officer comments are noted in a copy of the WMMP's action plan attached **Appendix E - Draft WMMP Action Plan**. The officer comments include the level of support demonstrated in the submissions for each action proposed in the draft Plan.
- 15 The following actions represent the key additions and focus areas in the proposed draft Plan 2018 from Councils current WMMP programme;
- Implement changes to the glass recycling methodology to increase quality, quantity and yield and introduce consistency between Wards.
  - Introduce Council provided organic waste collection for urban households.
  - Provide an organic waste processing facility.
  - Use additional languages to aid in communication and education of services.
  - Support and enable private operators in the private development of a construction and demolition waste facility.
  - Investigate the reconfiguration of the Wakatipu and Wanaka sites to encourage diversion of reusable and recyclable materials from landfill.
  - Provide public place recycling bins co-located with litter bins.
  - Implement enhancements to biosolids end-use e.g. co-composting, solar drying, incineration, monofill, land application.
  - Monitor quality and quantity of construction and demolition waste.

- Investigate regulatory tools to support management of health care wastes.
- Review the need and purpose of a solid waste bylaw.

16 The remaining actions in the draft WMMP 2018 are a continuation of the existing programme.

## **Comment**

### **Submission feedback**

17 The key issues identified and actions supported across the submissions are grouped into the following themes; Waste Reduction, Resource Recovery and Waste Disposal. This supports the intent of the Waste Minimisation Act to consider options in priority order e.g. reduction, reuse, recycling, recovery, treatment, disposal.

18 The following overview identifies the key actions that the submissions seek and support;

### **19 Waste Reduction – Reducing waste at source**

Educate – Engage and support businesses, residents and visitors in behaviour change to minimise waste creation e.g. through waste minimisation education, learning opportunities and community outreach. Provide subsidies and learning opportunities for home composting. Facilitate an advisory group made up of QLDC, ORC, industry and community to support waste reduction initiatives. Provide a waste minimisation contestable fund for community groups to access.

Advocate – Demonstrate leadership by using political lobbying power to support the Government to implement existing tools in the Waste Minimisation Act such as; 'Product stewardship schemes' and 'Container deposit legislation'. Support national initiatives and strategic campaigns such as the Local Government Waste Manifesto.

Regulate - Enforce tools and policies to minimise waste created at public events and during building and construction processes. Implement a ban or tools to reduce the use of single use plastics including; drink straws, plastic bags, plastic cutlery, plastic bottles and take away takeaway cups.

### **20 Resource Recovery – Diverting waste from landfill**

Provide glass recycling services through drop off points and improved collection services to ensure glass is not disposed of in landfill. Enable glass back to glass recycling.

Establish kerbside collection services for food and garden organic waste.

Provide services so that commercial food providers minimise food waste.

Provide soft plastics (low density polyethylene) recycling opportunities.

Provide accessible and convenient recycling drop off points for public and business for recyclable materials.

Provide public place recycling and rubbish bins.

Provide textile and clothing drop off facilities.

Provide polystyrene recycling options.

Replicate the community model of resource recovery in Wanaka in the Wakatipu.

Promote and encourage correct use of kerbside bin collection services and drop off points to minimise; contaminated recyclables, public nuisance, littering and fly tipping.

Support opportunities to divert reusable and recoverable materials from landfill including; electrical goods, construction waste materials, reusable goods and materials.

Support appropriate services and promote information to ensure electronic waste, batteries, medical waste, tyres, whiteware, used oil, agricultural chemicals and common household hazardous wastes are treated, recycled or disposed in a way that minimises harm.

## **21 Waste Disposal – Collecting, transporting and disposing of waste**

Provide convenient and accessible facilities and collection services to dispose of waste including kerbside collection and drop off facilities such as transfer stations.

Ensure availability of landfill space into the future is maintained.

22 The online survey responses indicated a high level of support for Council's preferred programme to focus on glass and organics. It also indicated a high level of support for increasing the level of information and education about waste minimisation.

23 The response to the four key questions that indicate support for Council's preferred programme and a need for increased education follows;

- 82% of respondents agree with QLDC's preferred focus on recycling and glass services
- 75% of respondents would use a kerbside collection service for garden and food waste
- 99% of respondents support a change of approach to glass collection in the district
- 95% of respondents would like to see more information and education about waste minimisation

24 Overall the response to the draft Plan indicates that the community are largely supportive of Council's preferred programme with the exception of the proposed level of waste minimisation education.

25 Once the submissions and deliberations have been completed it is recommended that staff amend the plan to incorporate any changes recommended by Council as a result of the submission process.

26 A number of improvements have also been identified due to inaccuracies or opportunities to improve the intent of the draft Plan. It is recommended that staff amend the draft Plan accordingly before the final version is put forward to Council for adoption. These include; improvements to the format, intention, reporting methods and language to shift mind-set away from waste management to waste minimisation.

## Options

27 This report identifies and assesses the following reasonably practicable options for assessing the matter as required by section 77 of the Local Government Act 2002:

28 Option 1 Consider verbal and written submissions to the draft Plan and amend the draft Plan based on post consultation deliberations.

29 Advantages: This option will; meet the statutory requirements of the Waste Minimisation Act, build on the previous plan's goals; prioritise a number of actions and provide opportunity for community engagement through the consultation process.

30 Disadvantages: Further staff review and amendments will be required before the final plan can be delivered for Council adoption.

31 Option 2 Consider verbal and written submissions and adopt the QLDC Waste Minimisation and Management Plan 2018 as put out for consultation.

32 Advantages: Minimal review work required by staff.

33 Disadvantages: This option is supportable, but is not recommended as the draft Plan is likely to benefit from amendments based on the public consultation process and further review by Council.

34 Option 3 Do nothing. Continue operating under the QLDC Waste Minimisation and Management Plan 2011.

35 Advantages: This option is not supportable. The Waste Minimisation Act 2008 requires a review process, adoption and implementation of a Council's WMMP every six years.

36 Disadvantages: This option is not supportable. Legislative requirements necessitate that the WMMP be reviewed with regard to the most recent Waste Assessment. Council's existing plan is based on information in the QLDC Waste Assessment 2011.

37 The Waste Minimisation Act 2008 requires a review, adoption and implementation of a Council's Waste Minimisation and Management Plan is undertaken every six years.

38 This report recommends Option 1 for addressing the matter because it will meet all statutory requirements of the WMA, encourages community engagement in the final Plan and is based on the information in QLDC's current Waste Assessment.

### ***Significance and Engagement***

39 This matter is of medium significance, as determined by the Council's Significance and Engagement Policy principally because of its importance to the district, the community interest, impact on the environment, culture and people.

- 40 The draft Plan's review, consultation and hearings process will contribute to robust Council decision making when the final Waste Minimisation and Management Plan 2018 is considered for adoption.
- 41 The funding proposed in the draft Ten Year Plan will allow for the work proposed in the draft WMMP 2018 to be implemented.
- 42 A special consultative procedure was undertaken to meet the requirements of the Local Government Act and Waste Minimisation Act.
- 43 The recommended option is consistent with the vision, principles and objectives as set out in the current WMMP 2011.

### ***Risk***

- 44 This matter relates to the strategic risk 'SR1, Current and future development needs of the community including environmental protection', as documented in the Council's risk register. The risk is classed as high. The development of the Council's WMMP relates to this risk due to its requirement to meet statutory responsibilities to promote effective and efficient waste management and minimisation within the district.
- 45 The risks associated with the Plan are minimised through the stakeholder engagement in the Plan's development, the Plan's review process, the consultation with Public Health South and the public consultation process.
- 46 To minimise the risk, it is important that the process of developing the Plan, including; obtaining and deliberating on public feedback is a robust process.
- 47 The funding in the draft Ten Year Plan will allow for the work in the draft WMMP 2018 to be implemented.
- 48 This process will meet Council's statutory responsibilities to promote effective and efficient waste management and minimisation within the district.

### **Financial Implications**

- 49 Funding in the draft Ten Year Plan has been proposed to implement the actions in the draft WMMP as put out for consultation.
- 50 The following Council plans and strategies were considered:
- QLDC Waste Minimisation and Management Plan 2011
  - QLDC Waste Assessment 2018
  - QLDC Draft Ten Year Plan 2018/28
- 51 The recommended option is consistent with the principles set out in the above documents.
- 52 This matter is included in the draft Ten Year Plan.

### **Local Government Act 2002 Purpose Provisions**

- 53 The recommended option:



- Will help meet the current and future needs of communities for good-quality local infrastructure, local public services, and performance of regulatory functions in a way that is most cost-effective for households and businesses;
- Can be implemented through current funding under the Ten Year Plan;
- Is consistent with the Council's plans and policies; and
- Would not alter significantly the intended level of service provision for any significant activity undertaken by or on behalf of the Council, or transfer the ownership or control of a strategic asset to or from the Council.

### **Consultation: Community Views and Preferences**

- 54 The persons who are affected by or interested in this matter are the district's residents, businesses and visitors. The level of consultation is correctly aligned to the guidance provided by the Significance and Engagement Policy.
- 55 The Council has a statutory obligation to consult using the Special Consultative Procedure when adopting or amending a WMMP. Accordingly, the following dates are the key milestones in leading to the adoption of the WMMP:

23 March – 30 April 2018	Public consultation of draft WMMP and supporting information
16 May 2018	Submissions to the draft WMMP heard by full Council in Wanaka
17 May 2018	Submissions to the draft WMMP heard by full Council in Queenstown
28 June 2018	Council adopts the WMMP 2018 including revisions made arising from the consultation process

### **Legal Considerations and Statutory Responsibilities**

- 56 Queenstown Lakes District Council has a statutory responsibility to promote effective and efficient waste management and minimisation within the Queenstown Lakes District (Section 42, WMA 08). In order to do this, the Council is required to adopt a WWMP under Section 44 of the Act.
- 57 In preparing, amending, or revoking a WMMP, Council must; consider the following methods of waste management and minimisation (listed in descending order of importance): reduction, reuse, recycling, recovery, treatment, disposal and ensure that the collection, transport, and disposal of waste does not, or is not likely to, cause a nuisance; and have regard to the New Zealand Waste Strategy, or any government policy on waste management and minimisation that replaces the strategy; and have regard to the most recent assessment undertaken by the territorial authority under section 51; and use the special consultative procedure set out in section 83 of the Local Government Act 2002 and, in doing so, the most recent assessment undertaken by the territorial authority under section 51 must be notified with the statement of proposal.

### **Attachments**

- A QLDC Draft Waste Minimisation and Management Plan 2018  
 B QLDC Waste Assessment 2018

- C Submissions
- D Online Survey
- E Draft WMMP Action Plan including officer comment



**Draft Waste Management and  
Minimisation Plan 2018  
Consultation Document**

**March 2018**

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## Part A

### Foreword

The Queenstown Lakes District is world renowned for its clean mountain air, stunning landscaped and crystal clear water.

Indeed, this is why it's such a popular place to live and explains why we continue to be the fastest growing area in New Zealand.

Unsurprisingly, sustainability and how we deal with our waste are issues our community are passionate about.

Waste management is something that is only going to grow in importance as our population increases, and it's something this Council takes very seriously.

Our preferred option for our Waste Management and Minimisation Plan (WMMP) certainly reflects this and will guide how we approach waste management, and arguably more importantly, waste minimisation for the next six years.

QLDC has a good track record when it comes how we deal with our rubbish, but there is always room for improvement – glass recycling in the Wakatipu being an obvious issue, alongside how we deal with organic waste.

As many locals will know, at present glass collected in the Wakatipu roadside recycling collection is sent to the landfill, because it's low value and inability to be sold. Under the new plan we aim to change how glass is collected to get consistency across the district, whilst improving our ability to recycle glass.

An increased focus on organics recycling is also particularly important to deal with the high volume of organic waste currently going to landfill. This could be expanded in time to include kerbside organic recycling and would support QLDC's current discounted composting options available to ratepayers.

Council genuinely wants to know what you think about our WMMP, so please take the time to read through this document and make a submission on our website.

I sincerely look forward to helping put this plan into action.

Kind Regards

Jim Boulton

# 1 Introduction

Queenstown Lakes District Council (Council) has a statutory responsibility to promote effective and efficient waste management and minimisation within the Queenstown Lakes District (Section 42, Waste Minimisation Act 2008 (WMA)). In order to do this, the Council is required to adopt a waste management and minimisation plan (WMMP) under Section 43 of the Act.

This WMMP is a guiding document which identifies Council's vision, goals, objectives, targets and methods for achieving effective and efficient waste management and minimisation. It also provides information on how Council intends to fund the activities of the WMMP over the next six years.

In addition to the legislative framework in which this WMMP has been developed, it has also been developed in the context of the New Zealand Waste Strategy 2010 (NZWS) and its two goals of:

- Goal 1: Reducing the harmful effects of waste
- Goal 2: Improving the efficiency of resource use.

Council has also considered the waste minimisation hierarchy of reduce, reuse, recycle, recover, treatment and disposal in the development of this WMMP.

This WMMP should be read in association with Council's Waste Assessment (WA) which is attached as Appendix A to this WMMP.

## 2 Vision, goals, objectives and targets

Working together, Council and the community can achieve more effective and efficient waste management and minimisation in the District. Council is proposing the following vision, goals, objectives and targets. Taken together these form the strategy for Council's WMMP.

### 2.1 Vision for the future

Our vision for the future is:

*"Towards zero waste and a sustainable district"*

### 2.2 Goals, objectives and targets

The goals that we will use are those from the New Zealand Waste Strategy:

- Improving the efficiency of resource use
- Reducing harmful effects of waste.

#### 2.2.1 Our objectives

Our objectives to meet our goals are:

Table 1 Objectives

Goals	Objectives:
Goal 1: Improving the Efficiency of Resource Use	Provide and support opportunities to minimise waste through reduction, reuse, recycling and recovery (in priority order)
	Educate and support generators (residents, visitors, and businesses) with options and responsibilities
Goal 2: Reducing Harmful Effects of Waste	Avoid or mitigate any adverse effects on public health or the environment
	Provide effective and efficient waste minimisation and management services supported by the right funding mechanisms

#### 2.2.2 Our targets

Council measures performance through the Long Term Plan and Annual Plan. Proposed measures for the LTP 2018 are:

Measure	Comment
Total waste to landfill (T/Year)	Existing measure adjusted for total volume
Total waste diverted (T/Year)	Existing measure adjusted for total volume
Consent Compliance (%)	Existing measure
Customer Satisfaction (%)	Existing measure

The adopted programme will determine the targets.



## 3 The waste situation

### 3.1 Overview of existing waste management and minimisation infrastructure and services

A summary of the current services provided by Council and non-council providers is outlined below. For a detailed description of Council and non-council solid waste services, refer to Appendix 2 - Waste Assessment.

#### 3.1.1 Services provided by Council

Council waste services and facilities include:

- Kerbside refuse collection using council approved bags and wheelie bins
- Rural refuse collection points
- Kerbside recycling collection
- Rural recycling drop off facilities
- Transfer stations - Frankton (Queenstown) and Wanaka – acceptance of waste and acceptance, sorting and storage of recyclable materials, public drop off facilities for recycling and green waste, tyres and scrap metal
- Wakatipu Recycling Centre - Material Recovery Facility operated by Smart Environmental Ltd under Build Own Operate and Transfer contract. Owned and operated by Smart Environmental on a site owned by Council
- Victoria Flats landfill – owned by Queenstown Lakes District Council, operated by SCOPE under Build Own Operate and Transfer contract. Accepts waste from the Queenstown Lakes and Central Otago Districts.
- Rural greenwaste drop off points in Glenorchy, Kingston, Luggate, Hawea and Makorara
- Hazardous waste drop off services for residential quantities of hazardous waste at the Frankton transfer station
- Biosolids disposal / processing
- Provision and servicing of litter bins and public place recycling bins
- Waste minimisation education/initiatives and programmes
- Inorganic collections in Glenorchy, Makarora and Kingston
- Subsidised home composting initiative “Bokashi” Bins
- Monitoring and maintenance of nine closed landfills.

#### 3.1.2 Non-council provided services and facilities

Private companies continue to provide user charges services to meet additional requirements of the community. The following services are known to be provided:

- Private collection services for refuse and recycling for residential and commercial customers, including skip bin services for construction and demolition waste
- Collection of divertible material – recyclables and green waste, including soft plastics and bottle banks
  - by private companies
  - by community groups/enterprise

- Cleanfill sites
- Wanaka Wastebusters – recycling resale shop

### **3.2 Public health protection**

The range of public and private waste services in the Queenstown Lakes District and Otago Region ensures public health will be adequately protected in the future. Council owns a landfill that is currently meeting its needs. The community currently has adequate access to council or privately-owned drop-off and collection services for refuse, recycling, greenwaste, hazardous waste and litter, but further waste minimisation is achievable as outlined in this Plan. This plan proposes services for better waste minimisation.

In its feedback on the Queenstown Lakes District Council Waste Assessment, the Southern District Health Board stated that following the review of the draft plan in 2017, Public Health South requested further information on: the life of the landfill, the desirability of increasing the amount of diverted construction and demolition waste; the inclusion of timeframes/targets for proposed actions and the importance of ongoing evaluation. Further explanation as to why business case option 6 was the preferred option was also suggested. This feedback has been considered in the development of this plan.

### **3.3 Summary of the volume and composition of waste and diverted materials**

Extrapolating from the 2016 Solid Waste Analysis Protocol audit (SWAP) the Council is currently sending approximately 33,748 tonnes (t) of waste to the Victoria Flats landfill per year. Around 22,412t is from transfer stations, 2,132t is from Council kerbside collections, 2,652t is glass from the Wakatipu Recycling Centre and 5,044 from general waste. More detailed information about the district's waste and its composition is provided in the Appendix A - Waste Assessment.

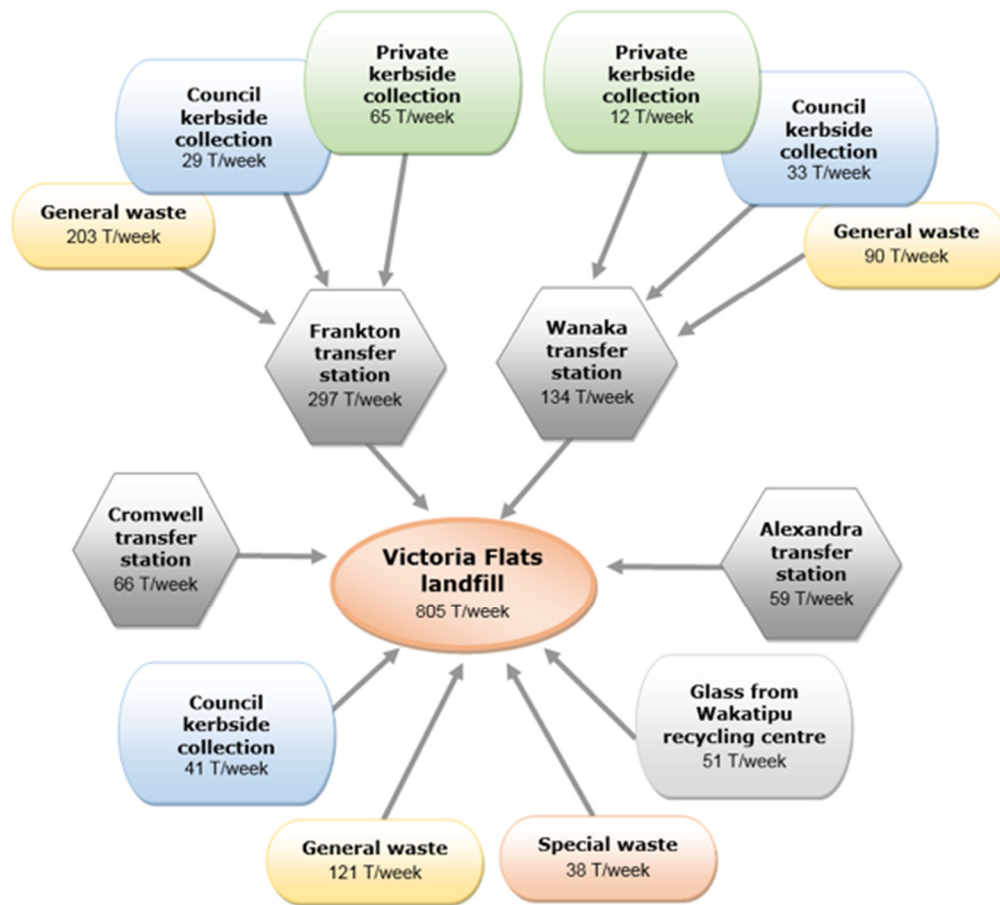


Figure 1 Victoria Flats landfill waste flows – July and August 2016 (2016 SWAP)

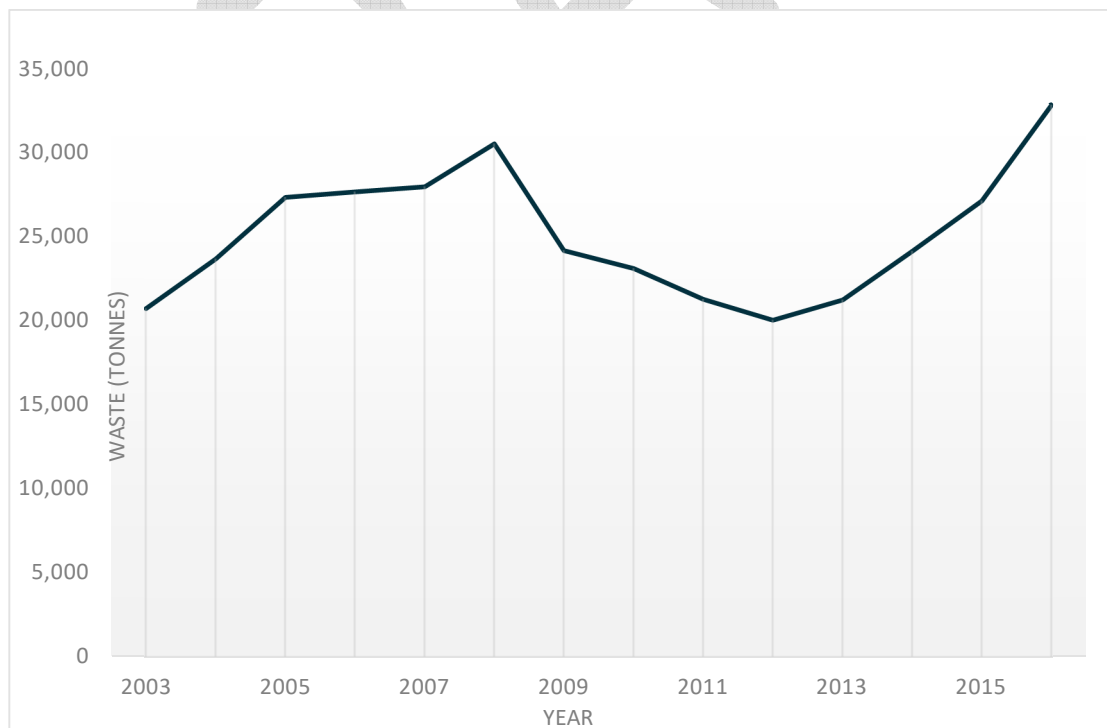


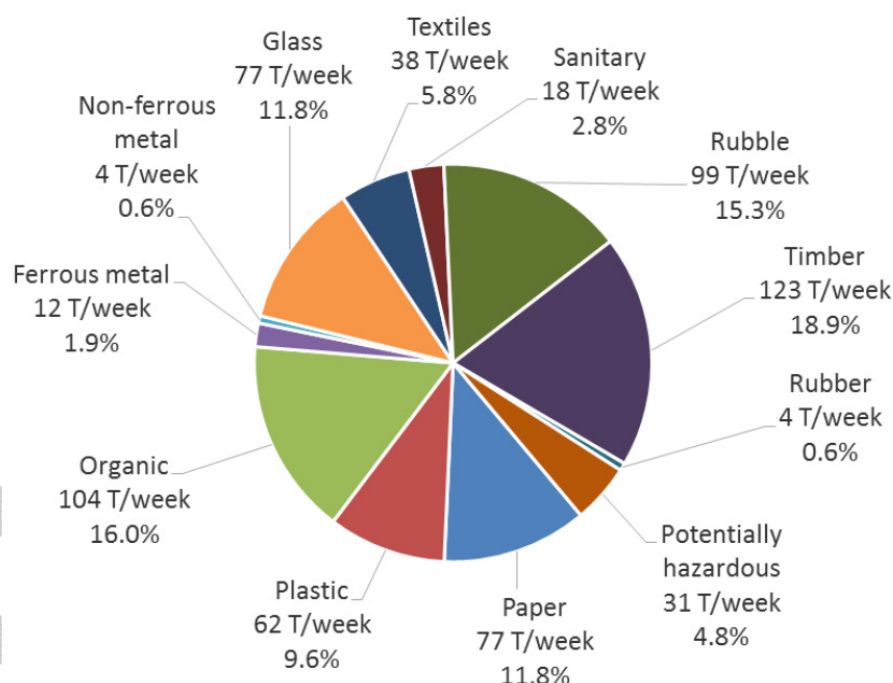
Figure 2 Waste quantities (tonnes) sent to Victoria Flats landfill from Queenstown Lakes District 2003-2016

Figure 2 shows the amount of waste generated by the Queenstown Lakes District that is disposed at the Victoria Flats landfill. From 2003 to 2008 there was an increase in the amount of waste going to the landfill, however, this

dropped back to just under 2003 levels in 2012 as a result of a slowdown in economic activity following the Global Financial Crisis. Since 2012 there has been a steady increase in waste from the District going to the landfill, and in 2016 it is at its highest recorded. This increase aligns with the significant growth (currently~10% per annum) experienced in the District, the recent landfilling of glass and the 100,000+ visitors to the district in 2015/16.

The landfill has capacity to around 2045 and is not an immediate driver for this Plan. The focus is to improve the efficiency of resource use and reduce the harmful effects of waste to move towards zero waste and a sustainable district.

Council has a target in its current Long Term Plan (2015) to reduce the amount of residential waste to landfill per resident head of population from a baseline of 188kg ( June 2014) to less than 160kg for the 2016/17 financial year, and reducing again to 155kg in the 2017/18 financial year. However, there was an increase in residential waste to landfill in 2015/16 to 258kg. This can be explained by the recent landfilling of glass and as a result of the 100,000+ visitors to the district in 2015/16. In no way can this be attributed solely to the resident population. Therefore more representative targets to track performance are proposed in the LTP18.



**Figure 3 Primary composition of Victoria Flats landfill waste from Queenstown Lakes District (from 2016 Survey report)**

Figure 3 gives the waste composition breakdown of the types of waste entering the Victoria Flats landfill from the Queenstown Lakes District. Timber was the largest component with 18.9% of the total by weight. Organic material was the next highest component at 16%, and rubble close behind at 15.3% of total weight.

### 3.3.1 Diverted material

Diverted materials are those predominantly from kerbside recycling collection services, from drop off facilities for recycling and green waste and, re-use shops. The Annual Report 2015/2016 indicates that diverted from landfill increased from 226kg to 260kg per head of population from 2014/15 to 2015/16.

Figure 4 shows the percentage of waste diverted. The figures prior to 2011/12 are taken from the 2012 Asset Management Plan (AMP). The underlying waste tonnage figures in the 2012 AMP were taken from different sources, however the historical figures still provide some comparison with the last five years.

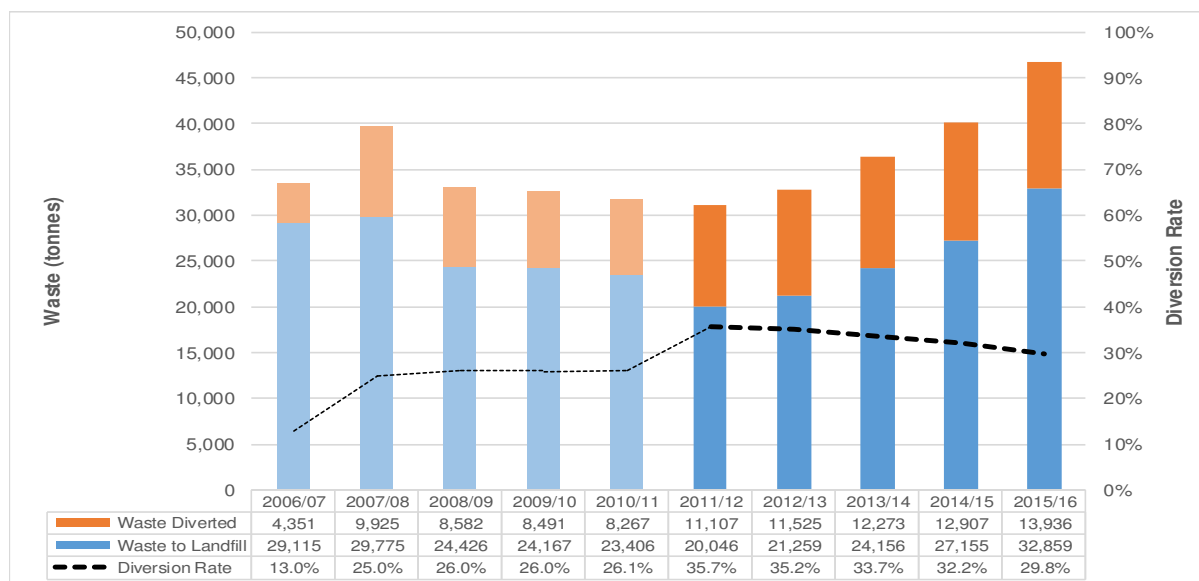


Figure 4 Queenstown Lakes District waste generated and waste diversion rate

Figure 4 shows that the amount of waste diverted has increased in recent years, however the total amount of waste generated has increased at a greater rate. This has resulted in a decrease in the diversion rate over the last five years. The SWAP has identified that there is potentially 53% of divertable material across the waste streams which presents a significant opportunity for Council to reduce divertable material going to landfill.

### 3.3.2 Sewage Treatment Residuals

The sludge from Council's waste water treatment plants is currently taken to AB Lime's landfill in Southland. Council is exploring other options to dispose of sludge and is currently trialling a vermicomposting solution as an alternative means of dealing with the sludge. The end product from the vermicomposting would be a soil conditioner that could be applied to land being used to produce hay or silage. Vermicomposting also uses green waste, food waste and cardboard. A solar drying facility near Luggate is expected to be operational in 18 to process Wanaka's sludge into a biosolids for land application.

### 3.3.3 Forecast of future demand

The Queenstown Lakes District is one of the fastest growing parts of the country. Total waste in the District is expected to increase due to high population, visitor and economic growth. Queenstown Lakes District also has a significant rural area. As the population increases so does the demand for waste and diversion services. Capacity improvements for the waste facilities will be required to accommodate the expected increase of both waste and diverted materials, or alternative facilities will need to be identified.

Population growth increases demand for waste services. Visitor and economic growth will increase demand for commercial collections and increased demand on Council and private facilities, including transfer stations and the

## Victoria Flats landfill.

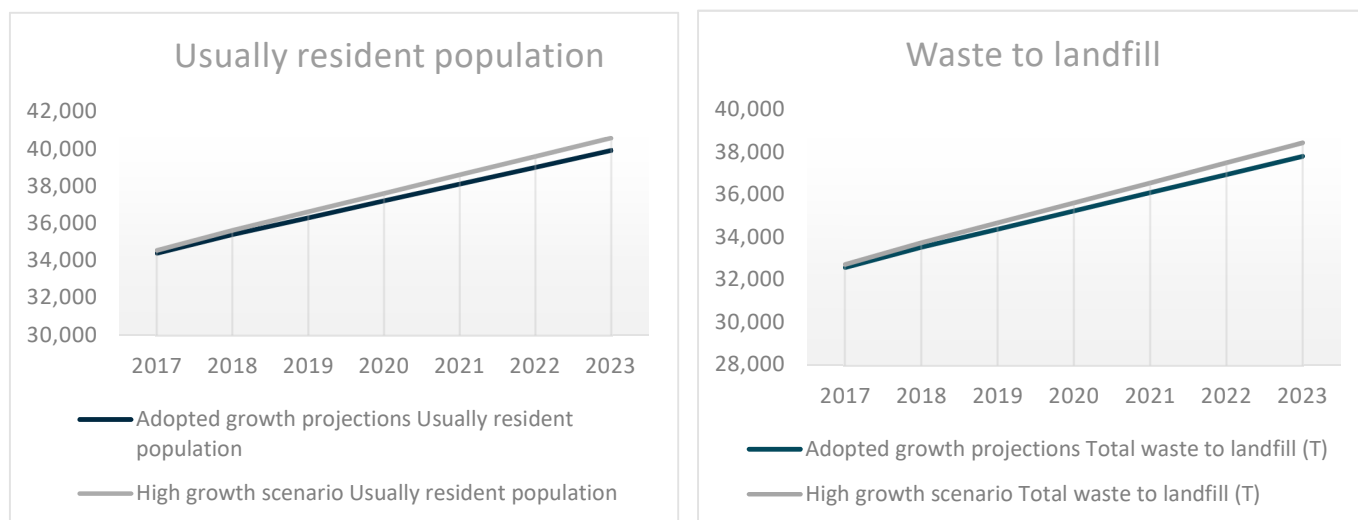


Figure 5 Projected Population and Waste to landfill comparison

### 3.4 Cost of the current level of service

Council provides its waste services and facilities at an annual cost of \$7,802,727 (FY2015/16). Funding is predominantly provided through general and targeted rates and user charges. Solid waste accounts for 7% of Council's total operating costs and 4.4% of Council's rates funding.

Due to growth it is anticipated that the current level of service will cost \$9,407,982 (FY2017/18).

Table 2 Council services currently provided and their funding methods

Council Service	Funding Methods
Waste minimisation education/initiatives and programmes	Targeted rate / Waste levy
Kerbside collection of waste (bags)	User charges
Kerbside collection of recyclables	Targeted rate
Supply and service of rural recycling drop off facilities	General rate
Promotion of home composting and rural green waste drop off points	User charges / General rate / Waste levy
Hazardous waste drop off services at the Wakatipu Transfer Station	General rate / User charges
Biosolids disposal/processing	General rate
Victoria Flats landfill	User charges
Transfer Stations and public drop off facilities and green waste	General rate / User charges
Provision of public litter bins and removal of illegal dumping	General rate / Targeted rate
Monitoring and maintenance of closed landfills	General rate

## 4 Policies, plans and regulation

There is a clear legislative and policy framework within which the Council provides waste services and facilities within its District. A summary of the framework and legislation is outlined below (Figure 6), however a full list of the legislation, plans and regulations that create the waste framework within which this WMMP is based, is included in Appendix B.

Key legislation affecting waste is:

- Waste Minimisation Act 2008
- Local Government Act 2002
- Resource Management Act 1991
- Climate Change Response Act 2002 (Emissions Trading)
- Litter Act 1979
- Health Act 1956.

While the Waste Minimisation Act sets out the legislative requirements regarding waste, the New Zealand Waste Strategy 2010 (NZWS) provides the government's strategic direction for waste management and minimisation in New Zealand. The goals of this WMMP replicate those from the NZWS.

Local, regional and national plans and policies affect the Council's provision of waste and diverted material services. Primarily, they are requirements under the WMA and the Local Government Act 2002.

### 4.1 Other relevant documents

The Council and the Otago Regional Council have a number of other strategic documents that are integral to waste management, including:

- Proposed Regional Policy Statement for Otago (currently under appeal, including provisions relating to waste)
- Otago Regional Policy Statement 1998 (Operative)
- Queenstown Lakes District Council Long Term Plan 2015-2025 (note the 2018-2028 Plan will be informed by this WMMP).

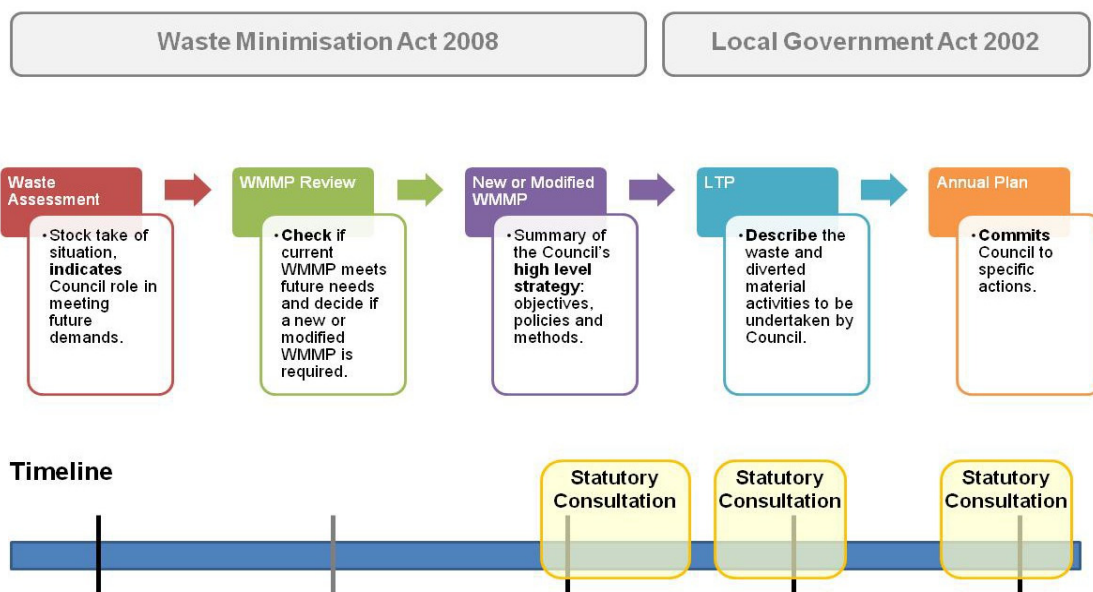


Figure 6 Statutory planning sequence



## 5 Proposed methods for achieving effective and efficient waste management and minimisation

### 5.1 Council's role

In undertaking this WMMP Council has considered what options are available for it to achieve effective and efficient waste management and minimisation to meet future demands for services and facilities.

The role of the Council includes:

Service provision	Providing or facilitating the provision of waste management or waste minimisation service
Governance	Council further investigating demand and the cost effectiveness of services and options to meet demand, either alone or in collaboration with other councils or private sector parties
Regulation	The Council using a legal mechanism to facilitate or promote waste management and waste minimisation e.g. bylaws and District Plan rules
Community leadership	Providing information and promoting awareness and involvement in waste management and waste minimisation activities
Advocacy	Promoting actions to address waste reduction and waste management issues which are outside the Council's direct control e.g. advocate for appropriate legislation, product stewardship, standards and guidelines to the Regional Council and the Government
Financier	Investing in initiatives that facilitate waste management and minimisation activities, e.g. grants and subsidies, developing a waste minimisation industry cluster

In providing waste management and minimisation services, the Council will aim to make existing services more cost-effective and ensure that any increases to levels of services are both cost-effective and affordable. The Council will, as far as practicably possible, make services accessible to the majority of the District.

### 5.2 Waste management and minimisation – preferred programme

Council has reviewed progress against the previous WMMP action plan and has identified waste issues that need to be addressed. The waste data from the SWAP shows that there are significant opportunities to reduce the amount of organic, glass and construction and demolition material going to landfill. Rather than have an ad-hoc approach to dealing with waste issues, Council has decided to have a realistic, targeted programme that can more effectively deliver our goals and objectives.

In looking at the options to address waste issues and to select which targeted areas Council should focus on, a Waste Management and Minimisation Programme Business Case (PBC) approach was used to identify a preferred programme of work.

A Stakeholder Working Group (SWG) identified and assessed seven different programmes of work. The SWG contained representatives from elected members, contractors, waste minimisation service providers, Council officers and Central Otago District Council (due to the shared landfill).

Each of the seven programmes identified strategic areas and intervention options to address waste issues. Through the business case seven programmes of work were considered from ‘Do Minimum’ (Programme 1) through to “Aspirational” (Programme 7). Each was assessed for alignment with the vision, goals and objectives, affordability and ease of implementation.

A summary of the status quo compared with the preferred programme is shown in Table 3 below. The full assessment of all programmes is contained in the Waste Assessment in Appendix A.

**Table 3 Programme Business Case – Preferred Option**

Programme 1	Programme 6 – Preferred Programme “Focus on glass and organics”
Status Quo	<ul style="list-style-type: none"> <li>• Retain status quo programmes</li> <li>• Retain current education and regulation</li> <li>• Provide more waste minimisation services and facilities that target organics and glass</li> </ul>

In choosing Programme 6 the key deciding factors were:

- the programme estimates around 19% decrease of waste to landfill over 10 years
- Council has more influence to make change with residential waste (organics)
- the construction sector may slow down whereas organics will continue to grow
- the programme complements Council’s biosolids strategy
- construction and demolition minimisation opportunities can still be explored by the private sector which Council would support where possible
- glass recycling has community support
- the programme continues with existing education and regulation
- existing waste minimisation initiatives will continue
- this programme aligns with other NZ and overseas Councils waste strategies e.g. Auckland, Christchurch and Vancouver who are leading the way in organics recycling

The options assessed in the PBC also address other identified waste issues in the District. Table 4 below provides a summary of district wide issues and how Council’s preferred option will deal with each issue. The full-preferred programme is shown in Table 5.

**Table 4 Summary of district specific issues and the preferred option to respond to each issue**

#	Issue	Preferred option to respond to issue
1.	Glass is going to landfill rather than being recycled	Introduce change to get consistency between Wards and change glass recycling methodology to increase quality, quantity and yield.
2.	High volume and increasing proportion of construction and demolition waste going to landfill	Support and enable private operators in relation to a construction and demolition facility where practicable.
3.	Biosolids disposal	Continue with the vermicomposting trial and Project Groundswell solar drying facility
4.	High volume of organic waste going to landfill	Provide an organic waste processing facility. It is expected facility will process biosolids initially with the addition of other organic wastes and cardboard in time. Investigate and implement kerbside organic waste collection if feasible – Stage 2
5.	Impact of tourists/visitors generating high volumes of unseparated waste that is resulting in recyclables going to landfill	Continue to prepare documents for visitors that explain waste minimisation opportunities and consumer responsibilities.
6.	High proportion of paper and plastics going to landfill	Education and communication to residents, visitors and businesses about how to recycle right.
7.	How to manage permitted activity cleanfill sites	Maintain a watching brief on cleanfill sites.
8.	Lack of capacity of the Wakatipu Transfer Station and Wakatipu Recycling Centre to meet future demand	Continue to monitor the capacity of waste facilities, upgrade facilities as required and search for alternative disposal options should the capacity decrease below a safe future-proof level.
9.	The location of public place litter and recycling bins and frequency of clearing	Provide public recycling bins alongside litter bins where practical and cost effective. Review the need for a solid waste bylaw to support public place waste management.
10.	Challenges in the accessibility to collect waste from the CBD and multi-unit developments (MUDs)	Review methodology for collection services across the district including the CBD and MUDs. Review the need for a solid waste bylaw to support proposed collection methodologies.
11.	There will be increased landfill disposal costs due to the phasing out of the one-for-two transitional measures of the Emissions Trading Scheme which commenced on 1 January 2017	Provide waste diversion services to reduce this cost implication.

## Part B

### 1 Action Plan

#### 1.1 Action Plan

The proposed action plan shows how Council's proposed actions address the key issues, when they will be implemented and how the activities will be funded.

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Table 5 Proposed WMMP Action Plan – showing both existing and new actions

Objective	Action	New/ existing	Implementation timeframe	Funding source
1. Provide opportunities to minimise waste through reduction, reuse, recycling and recovery (in priority order)	Operate the transfer station and recycling centre facilities through a contractual agreement that optimises the separation of diverted material in terms of quality and the cost of providing the service	Existing	Ongoing	General rate
	Continue with council-provided recycling collection service for urban households	Existing	Ongoing	Targeted rate General rate
	Implement a change to glass recycling methodology to increase quality, quantity and yield and introduce consistency between Wards	New	Short term	Targeted rate General rate
	Enforce existing event waste management regulatory provisions	Existing	Ongoing	General rate
	Continue to provide organic waste drop-off facility and mulching at transfer stations	Existing	Ongoing	General rate User charges
	Introduce council-provided organic waste collection service for urban households	New	Long term	Targeted rate General rate
	Provide an organic waste processing facility	New	Long term	To be determined through Detailed Business Case funding could include: General rate User charges Private investment
	Continue to provide a refuse transfer station that includes resource recovery facilities in Wakatipu and Wanaka	Existing	Ongoing	General rate User charges
	Investigate reconfiguring both the Wakatipu transfer station and Wakatipu recycling centre layouts to encourage drop-off of reusable and recyclable materials before disposing of residual waste and improve throughput capacity	New	Short term	General rate User charges Private investment
	Provide public recycling bins alongside litter bins where practical and cost effective	New	Short term	General rate
	Continue to install drinking water foundations to encourage refill/reuse of drinking vessels and reduce plastic bottle waste	Existing	Ongoing	General rate

Objective	Action	New/ existing	Implementation timeframe	Funding source
	Promote / make it less restrictive to build homes / buildings from reusable or more sustainable products i.e. earth ships, straw bales houses etc, e.g by promoting REBRI (Resource Efficiency in the Building and Related Industry) Guidelines	Existing	Ongoing	General rate
2. Educate and support generators (resident, visitor and businesses) with bout options and responsibilities	Continue to circulate educational information to promote Council waste services and how to responsibly dispose of organic and recyclable waste, including using private waste collection services	Existing	Ongoing	Targeted rate Waste levy
	Continue to update the council waste website	Existing	Ongoing	General rate
	Continue to prepare a document for visitors that explains waste minimisation opportunities and consumer responsibilities	Existing	Ongoing	General rate Targeted rate
	Use additional languages to English to aid in communication and education of waste disposal and management	New	Short term	
	Continue to investigate and provide (if appropriate) promotional support for commercial waste minimisation e.g. Agrecovery, Plasback, zero waste events, beach clean events	Existing	Ongoing	Targeted rate Waste levy
	Continue with existing waste education and promotional programmes for the general public, visitors, businesses, and in schools e.g. Enviro schools, EERST, Dr Compost, Waste Free Parenting, "Love Food Hate Waste"	Existing	Ongoing	Targeted rate Waste levy
	Continue to promote, educate and incentivise home composting	Existing	Ongoing	General rate
	Continue to provide subsidies for composting tools e.g. Bokashi buckets, worms	Existing	Ongoing	Targeted rate Waste levy
	Support and enable, where practicable, private operators in relation to the private development of a construction and demolition facility	New	Short term	General rate
	Alongside other organisations, continue to support development and implementation of national waste minimisation initiatives such as product stewardship schemes, national environmental standards, changes to the Waste Levy and container deposit legislation.	Existing	Ongoing	General rate

Objective	Action	New/ existing	Implementation timeframe	Funding source
	Continue to work with residents, businesses and community organisations in the District so as to encourage and promote waste minimisation and optimal resource use in the District	Existing	Ongoing	Targeted rate Waste levy
3. Avoid or mitigate any adverse effects on public health or on the environment	Implement enhancements to biosolids end-use e.g. co-composting, solar drying, incineration, monofill, direct land application	New	Short – medium term	General rate
	Monitor quality and quantity of construction and demolition waste at the Wakatipu transfer station and Victoria Flats landfill on an ongoing basis to gain a greater understanding of the types and quantities of material that could be diverted	New	Immediate - ongoing	General rate
	Continue to check and maintain resource consent compliance at all waste handling facilities and closed landfills for which Council holds resource consents	Existing	Ongoing	General rate
	Continue to monitor the capacity of available landfill and search for alternative disposal options should the capacity decrease below a safe future-proof level	Existing	Ongoing	General rate
	Provide facilities at council transfer stations for domestic quantities of hazardous waste, including batteries and oil	Existing	Ongoing	General rate User charges
	Provide drop-off facilities at the Council transfer stations for agrichemicals to an extent that they are affordable and complement national schemes or services	Existing	Ongoing	General rate User charges
	Provide drop-off facilities at the Council transfer stations for e-waste to an extent that they are affordable and complement national schemes or services	Existing	Ongoing	General rate User charges
	Investigate if a policy or bylaw is required for the management of health care waste (in line with communications strategies by neighbouring councils)	New	Short term	General rate
4. Provide effective and efficient waste services supported	Continue with Council-provided refuse collection service for urban households. Investigate methodology improvements e.g. receptacles, funding methods	Existing	Ongoing	User charges

Objective	Action	New/ existing	Implementation timeframe	Funding source
by the right funding mechanism	Continue with council-provided refuse collection services for CBD businesses. Investigate CBD specific methodology e.g. frequency, receptacles	Existing	Ongoing	Targeted rate General rate
	Continue to provide public litter bins for waste and review bin type and cleaning frequency	Existing	Ongoing	General rate
	Review the need for a solid waste bylaw to support changes to collection services, including CBD collections, servicing MUDs and public place waste management	New	Short term	General rate
	Investigate the introduction of differential pricing tools to increase diversion at both the landfill and transfer station facilities, either through Council advertised fees and charges or by influencing the site operator	Existing	Ongoing	General rate
	Continue with the waste disposal services provided at the Victoria Flats landfill	Existing	Ongoing	User charges

**Note: Implementation timeframe**

Short term	0-2 years
Medium term	2-4 years
Long term	4-6 years



## 2 Funding

### 2.1 Funding the plan

The action plan will be funded using the suite of tools available to Council in the delivery of solid waste services. The activities will be funded by:

- General rate
- Targeted rate
- Fees and charges (including gate fees, licensing fees, user charges)
- Subsidies and grants
- Private investment
- Debt (if required).

### 2.2 Waste minimisation levy funding expenditure

Council will continue to use the Waste Minimisation Levy funding income to fund waste education, investigations, trials, and to fund capital expenditure for diversion facilities.

### 2.3 Grants

Section 47 of the Waste Minimisation Act gives councils the ability to make grants to a person, organisation or group to promote or achieve waste management and minimisation. Under this WMMP the Council will continue to give grants at its discretion and on any terms or condition it deems appropriate provided there is an allocated and approved budget for that activity.

## 3 Monitoring, evaluating and reporting progress

### 3.1 Monitoring and evaluation

The Council intends to monitor and report on progress regarding the WMMP and will develop and implement a clear, transparent monitoring and reporting system. Accurate information on how services provided by council are performing is essential for monitoring the effectiveness of the Plan's vision, objectives, goals and targets, and planning for future demand.

Council's current levels of service and performance measures are in the 2015-2025 Long Term Plan and are focussed on reducing the kilograms of residential waste to landfill per head of population.

Council has reviewed its key performance indicators as part of the 2018-2028 Long Term Plan. It is timely to rethink the performance measure because as a tourist destination with visitor numbers in excess of the resident population, a kg per capita measure is only capturing part of the waste story in the District. Measures that provide a broader picture of the waste situation and how to minimise the amount of waste going to landfill will assist Council in identifying more targeted actions in the future. Data will be gathered through:

- Annual resident and ratepayer surveys
- Council Request for Service (RFS) – reporting and performance measures
- Contractor reporting against key performance indicators
- Solid Waste Analysis Protocol Audits (SWAPs)
- Waste Assessments
- Consent compliance systems

### 3.2 Reporting

The Council will report progress of the implementation and effectiveness of this WMMP through:

- Annual Reports
- Monthly performance reports
- Council's website

The Council will also provide progress reports of expenditure of its waste levy funds to the Ministry for the Environment.

## 4 Glossary

### 4.1 Key Definitions and abbreviations

Biosolids	sewage sludge derived from a sewage treatment plant that has been treated and/or stabilised to the extent that it is able to be safely and beneficially applied to land and does not include products derived from industrial wastewater treatment plants.
Cleanfill/cleanfill material	inert materials disposed of, into or onto land, at a consented cleanfill. Materials typically include construction and demolition waste such as concrete, uncontaminated soil and rock.
Commercial waste	waste from premises used wholly or mainly for the purposes of trade or business, recreation or entertainment, excluding, mines, quarries and agricultural waste. May also include some household waste collected by commercial operators.
Diverted material	anything no longer required for its original purpose and, but for commercial or other waste minimisation activities, would be disposed of or discarded, and includes any materials that are recyclables, compostable, or can be recovered and/or re-used, as determined by the Council by resolution.
Hazardous waste	waste that is potentially harmful to human and/or environmental health. It typically has one or more of the following hazard properties: explosive, flammable, oxidising, corrosive, radioactive, toxic or ecotoxic, or it may react with air or water to have one of these properties.
Household waste	solid waste generated by households. Household waste does not include divertible waste, hazardous waste, commercial waste, prohibited waste, trade waste or liquid waste of any nature.
Organic waste	compostable materials that are organic in origin and appropriate to be used as feedstock for composting, and includes greenwaste and food waste.
Recycling	the reprocessing of waste or diverted material to produce new materials.
Resource Recovery Park (RRP)	a facility where solid waste materials such as residual waste, construction and demolition waste, recyclables, organic wastes and household hazardous wastes are delivered for sorting or before being taken away for treatment, processing, recycling or disposal, and which may also include a retail outlet for the re- sale of used goods and materials deposited at the site.

Reuse shops	items that are salvaged or diverted from the waste stream undergo little or no modification and are sold at shops run by the community or territorial authorities.
Sewage treatment residuals	solid wastes generated through the process of wastewater treatment.
Solid Waste Analysis Protocol (SWAP):	a study to determine the composition of waste as described by Ministry for the Environment.
Transfer Station (TS)	a facility where solid waste materials such as residual waste, construction and demolition waste, recyclables, organics waste and household hazardous wastes are delivered for consolidation before being taken away for treatment, processing, recycling or disposal.
Waste	<p>anything disposed of, or discarded, and :</p> <ul style="list-style-type: none"> <li>• includes a type of waste that is defined by its composition or source (for example, organic waste, electronic waste, or construction and demolition waste), and</li> <li>• to avoid doubt, includes any component or element of diverted material, if the component or element is disposed of or discarded.</li> </ul>
Waste disposal levy	a levy imposed under the Waste Minimisation Act 2008 on waste.
Waste minimisation	the reduction of waste and the reuse, recycling and recovery of waste and diverted material.

## Part C - Appendices

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## **Appendix A – Waste Assessment**

Please refer to separate document available on QLDC website

Filename: QLDC Waste Assessment March 2018.pdf

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## Appendix B – Legislative context

### The New Zealand Waste Strategy 2010

The New Zealand Waste Strategy 2010 provides the Government's strategic direction for waste management and minimisation in New Zealand. This strategy was released in 2010 and replaced the 2002 Waste Strategy. The New Zealand Waste Strategy has two goals. These are to:

- reduce the harmful effects of waste
- improve the efficiency of resource use.

The strategy's goals provide direction to central and local government, businesses (including the waste industry), and communities on where to focus their efforts to manage waste. The strategy's flexible approach ensures waste management and minimisation activities are appropriate for local situations.

Under section 44 of the Waste Management Act 2008, in preparing their waste management and minimisation plan (WMMP) councils must have regard to the New Zealand Waste Strategy, or any government policy on waste management and minimisation that replaces the strategy.

### Waste Minimisation Act 2008

The purpose of the Waste Minimisation Act 2008 (WMA) is to encourage waste minimisation and a decrease in waste disposal to protect the environment from harm and obtain environmental, economic, social and cultural benefits.

The WMA introduced tools, including:

- waste management and minimisation plan obligations for territorial authorities
- a waste disposal levy to fund waste minimisation initiatives at local and central government levels
- product stewardship provisions.

Part 4 of the WMA is dedicated to the responsibilities of a council. Councils "must promote effective and efficient waste management and minimisation within its district" (section 42). Part 4 requires councils to develop and adopt a WMMP. The development of a WMMP in the WMA is a requirement modified from Part 31 of the Local Government Act 1974, but with even greater emphasis on waste minimisation. To support the implementation of a WMMP, section 56 of the WMA also provides councils the ability to:

- develop bylaws
- regulate the deposit, collection and transportation of wastes
- prescribe charges for waste facilities
- control access to waste facilities
- prohibit the removal of waste intended for recycling.

## Waste Disposal Levy

From 1 July 2009, the Waste Minimisation Act introduced a waste disposal levy on all waste disposed of at disposal facilities, currently \$10 per tonne, to:

- raise revenue for promoting and achieving waste minimisation
- increase the cost of waste disposal, to recognise that disposal imposes costs on the environment, society, and the economy.

Half of the levy money is given to territorial authorities on a population basis, and the remainder of the levy is available via a contestable fund. The portion returned to Council can only be spent to promote or achieve waste minimisation and in accordance with a council's WMMP.

## Local Government Act 2002

The Local Government Act 2002 (LGA) provides the general framework and powers under which New Zealand's democratically elected and accountable local authorities operate. The LGA contains various provisions that may apply to councils when preparing their WMMPs, including consultation and bylaw provisions. For example, Part 6 of the LGA refers to planning and decision-making requirements to promote accountability between local authorities and their communities, and a long-term focus for the decisions and activities of the local authority. This part includes requirements for information to be included in the long-term plan (LTP), including summary information about the WMMP.

## Resource Management Act 1991

The Resource Management Act 1991 (RMA) promotes sustainable management of natural and physical resources. Although it does not specifically define 'waste', the RMA addresses waste management and minimisation activity through controls on the environmental effects of waste management and minimisation activities and facilities through national, regional and local policy, standards, plans and consent procedures. In this role, the RMA exercises considerable influence over facilities for waste disposal and recycling, recovery, treatment and others in terms of the potential impacts of these facilities on the environment. Under section 30 of the RMA, regional councils are responsible for controlling the discharge of contaminants into or on to land, air or water. These responsibilities are addressed through regional planning and discharge consent requirements. Other regional council responsibilities that may be relevant to waste and recoverable materials facilities include:

- managing the adverse effects of storing, using, disposing of and transporting hazardous wastes
- the dumping of wastes from ships, aircraft and offshore installations into the coastal marine area
- the allocation and use of water.

Under section 31 of the RMA, council responsibility includes controlling the effects of land-use activities that have the potential to create adverse effects on the natural and physical resources of their district. Facilities involved in the disposal, treatment or use of waste or recoverable materials may carry this potential. Permitted, controlled, discretionary, noncomplying and prohibited activities, and their controls, are specified in district planning documents, thereby defining further land-use-related resource consent requirements for waste-related facilities.

In addition, the RMA provides for the development of national policy statements and for the setting of national environmental standards (NES). There is currently one enacted NES that directly influences the management of waste in New Zealand – the Resource Management (National Environmental Standards for Air Quality) Regulations 2004. This NES requires certain landfills (e.g., those with a capacity of more than 1



million tonnes of waste) to collect landfill gases and either flare them or use them as fuel for generating electricity. Unless exemption criteria are met, the NES for Air Quality also prohibits the lighting of fires and burning of wastes at landfills, the burning of tyres, bitumen burning for road maintenance, burning coated wire or oil, and operating high-temperature hazardous waste incinerators. These prohibitions aim to protect air quality.

### **New Zealand Emissions Trading Scheme**

The Climate Change Response Act 2002 and associated regulations is the Government's principal response to manage climate change. A key mechanism for this is the New Zealand Emissions Trading Scheme (NZ ETS). The NZ ETS puts a price on greenhouse gas emissions, providing an incentive for people to reduce emissions and plant forests to absorb carbon dioxide.

Certain sectors are required to acquire and surrender emission units to account for their direct greenhouse gas emissions or the emissions associated with their products. Landfills that are subject to the waste disposal levy are required to surrender emission units to cover methane emissions generated from landfill. These disposal facilities are required to report the tonnages landfilled annually to calculate emissions.

### **Climate Change Response Act 2002 (Emissions Trading) and the Climate Change Amendment Act 2008**

The Climate Change Response Act 2002, Climate Change (Waste) Regulations 2010 and Amendments to the Climate Change (Unique Emissions Factors) Regulations are implemented through the New Zealand Emissions Trading Scheme (ETS). The purpose of the ETS is to reduce the amount of greenhouse gases emitted in New Zealand. The waste sector is affected by the ETS, as those who operate landfills are required to participate in the scheme and report emissions.

As the Council operates a landfill within the District, there are implications for the Council.

The Climate Change Amendment Act 2008 provides for disposal facility regulations and the ETS.

### **Litter Act 1979**

Under the Litter Act 1979 it is an offence for any person to deposit litter of any kind in a public place, or onto private land without the approval of the owner. The Litter Act is enforced by territorial authorities, who have the responsibility to monitor litter dumping, act on complaints, and deal with those responsible for litter dumping. Councils reserve the right to prosecute offenders via fines and infringement notices administered by a litter control warden or officer. The maximum fines for littering are \$5,000 for a person and \$20,000 for a corporation. Council powers under the Litter Act could be used to address illegal dumping issues that may be included in the scope of a council's waste management and minimisation plan.

### **Health Act 1956**

The Health Act 1956 places obligations on councils (if required by the Minister of Health) to provide sanitary works for the collection and disposal of refuse, for the purpose of public health protection (Part 2 – Powers and duties of local authorities, section 25). The Act specifically identifies certain waste management practices as nuisances (section 29) and offensive trades (Third Schedule). The Health Act enables councils to raise loans for certain sanitary works and/or to receive government grants and subsidies, where available. Health Act provisions to remove refuse by local authorities have been repealed.

### **Other legislation**

Other legislation that relates to waste management and/or reduction of harm, or improved resource efficiency from waste products includes:

- Hazardous Substances and New Organisms Act 1996
- Biosecurity Act 1993
- Radiation Protection Act 1965
- Ozone Layer Protection Act 1996
- Agricultural Chemicals and Veterinary Medicines Act 1997.

### **Other waste related legislation**

Other legislation relevant to waste management and minimisation includes:

- Health and Safety at Work Act 2015 (HSWA) is New Zealand's workplace health and safety law. HSWA sets out the principles, duties and rights in relation to workplace health and safety.
- Hazardous Substances and New Organisms Act 1996 that provides regulations and standards related to hazardous substances.
- Local Government (Rating) Act 2002
- Freedom Camping Act 2011 which controls freedom camping on all land controlled or managed by a particular local authority.

### **Regional policy statements, regional plans and strategies**

Otago Regional Council has a Regional Policy Statement and Regional Plans which contains rules relating to discharges to air, land and water, which are relevant for facilities (e.g. resource recovery parks, transfer stations, landfills) and waste processing (e.g. composting, biosolids processing).

### **International commitments**

New Zealand is party to the following key international agreements:

- Montreal Protocol - to protect the ozone layer by phasing out the production of numerous substances
- Basel Convention - to reduce the movement of hazardous waste between nations
- Stockholm Convention - to eliminate or restrict the production and use of persistent organic pollutants
- Waigani Convention - bans export of hazardous or radioactive waste to Pacific Islands Forum countries.
- United Nations Agenda 2030 - a universal agenda to achieve sustainable development globally



# Queenstown Lakes District Council

## Waste Assessment

March 2018

#### Document status

Ref	Version	Approving director	Date
2252	Draft	Ewen Skinner – Morrison Low	8 June 2017
-	Draft v2	Dr Deborah Lind - QLDC	4 July 2017
-	Final	Peter Hansby - QLDC	28 Feb 2018

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## 1 Introduction

Queenstown Lakes District Council (Council) has a statutory responsibility to promote effective and efficient waste management and minimisation within the Queenstown Lakes District (Section 42, Waste Minimisation Act 2008 (WMA)). As part of this responsibility, the Council is required to complete a Waste Assessment (WA) which in turn informs the development of the Council's Waste Management and Minimisation Plan (WMMP).

This WA report has been prepared in accordance with Section 51 of the WMA. It provides details of the following:

- existing waste services provided in the District (Council and non-council)
- waste quantities, composition and flows
- identification of issues
- future demand for services
- vision, goals, objectives and targets for waste management and minimisation
- guiding principles to direct how to get to where the Council wants to be
- an options assessment/statement of proposals for waste services and identified district issues through the Waste Management and Minimisation Programme Business Case (PBC)

The Council is planning to review and adopt its WMMP by Dec 2017 in order to meet the six yearly review requirement of the WMA and to fit in with the timeframe for the Long Term Plan 2018-2028. Council adopted the current WMMP in December 2011.

## 2 Common themes

In undertaking this WA, a number of common themes and interlinked issues have emerged which are outlined below.

### 2.1 Strategic importance

The WA and WMMP need to be undertaken within the context of the New Zealand Waste Strategy 2010 (NZWS), Council's strategic framework, vision and goals and the legislative requirements of the WMA.

The NZ Waste Strategy sets out the government's long term priorities for waste management and minimisation, and has two goals:

- Goal 1: Reducing the harmful effects of waste
- Goal 2: Improving the efficiency of resource use

Each option and opportunity needs to be brought back and analysed with this at the forefront, to ensure alignment with these strategic goals and objectives.

## 2.2 High number of visitors

The Queenstown Lakes area is a magnet for tourists, which brings particular challenges in the area of waste management. The number of tourists visiting the area far out numbers local residents, however residents are paying for a level or frequency of service for parts of the district that has to meet the need of a highly mobile, and in many cases outdoor-focused tourist, rather than a resident population. The 2015/16 Annual Plan indicates that at peak times 100,000+ people are using the district's infrastructure which has a resident population of 30,700<sup>1</sup> and 22,400 rateable properties that are paying for that infrastructure. Because of the high number of tourists, statistics on waste are skewed (e.g. the volume of waste generated per usual resident population is inaccurate as the data includes all waste generated by the visitor industry), and it means that solutions to district specific issues need to focus on the needs of both the resident and non-resident. This visitor impact is more pronounced in Queenstown Lakes District than in other districts of New Zealand.

## 2.3 Education across industries, tourists and residents

In order to meet the vision of the WMMP – “Towards Zero Waste and a Sustainable District” there needs to be a targeted education programme to reach those groups that are impacting on the ability to achieve the vision of the WMMP. Work needs to be undertaken with the tourism industry, whether that is rental companies, tramping / transport / tour operators, to continually educate and provide a consistent message on how to reduce, re-use and recycle in the District. Clear signage and directions would be instrumental for changing visitor behaviours to encourage them to do the right thing when it comes to waste.

Similarly, industry, particularly the construction and demolition industry, need to have clear messaging and access to sound advice on reducing waste to landfill as the increase in development has seen an increase in construction and demolition waste to landfill.

Council needs to make it easy for industry, residents and tourists to do the right thing. To work towards this Council can provide the right services and facilities in the right location, provide clear messaging, signage and directions to make it easy to dispose of material in the right way. There is a need to encourage the people of the district, and those passing through, to make better and easier choices when it comes to waste management and minimisation. Council services need to be supported and promoted by effective education in order to change behaviours and to achieve better waste outcomes for the District.

## 2.4 Section 17A – Delivery of services

Section 17A of the Local Government Act 2002 (LGA) sets out the requirement for local authorities to “review the cost-effectiveness of current arrangements for meeting the needs of communities within its district or region for good-quality local infrastructure, local public services, and performance of regulatory functions.”

The two prongs of a Section 17A assessment as shown in Figure 1 below, puts the customer at the forefront of the assessment in tandem with cost-effectiveness. For the customer, this may mean that cost-effectiveness does not mean least cost, and therefore understanding what your community needs is critical to delivering a service in alignment with community expectations.

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<sup>1</sup> Annual Plan 16/17 p18



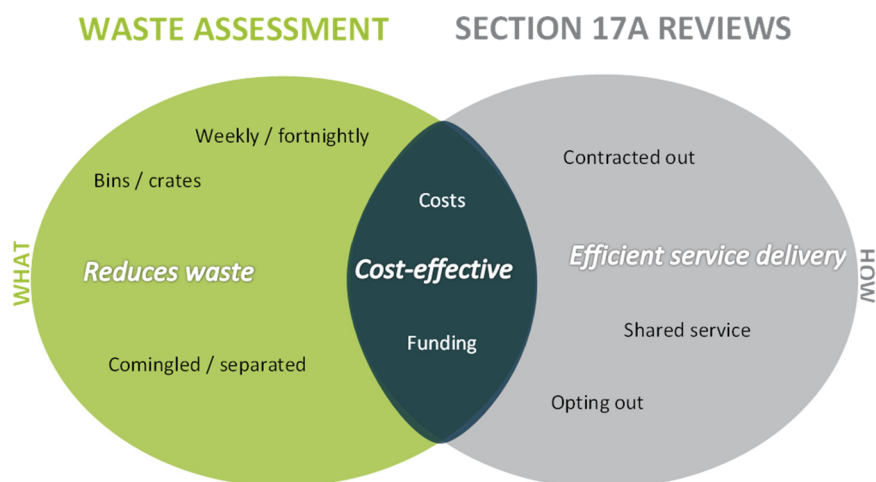


Figure 1 Interlinked Section 17A components of cost-effectiveness and community needs

Section 17A reviews provide Council with the opportunity to undertake a full review of the way in which a service is delivered. As part of this process, discussions with surrounding territorial authorities are critical as there may be options for regional collaboration that benefits more communities, and results in greater efficiencies and opportunities to achieve waste minimisation goals. A solid waste Section 17A review is to be undertaken on a regional basis in 2017.

## 2.5 National advocacy

Many waste minimisation initiatives are more suitably implemented at a national level, such as:

- Product stewardship schemes for problematic waste streams (e.g. e-waste, tyres);
- National Environmental Standards (e.g. for the outdoor storage of tyres);
- Changes to the Waste Disposal Levy; or
- Container Deposit legislation.

There is a need to work with national bodies such as WasteMINZ and the Ministry for the Environment to encourage ongoing support for and the implementation of waste minimisation activities through a coordinated advocacy approach to government and industry.

Alongside other organisations, Council will continue to support development and implementation of national waste minimisation initiatives. Depending on the final make up of any national scheme, Council support could be through the provision of infrastructure, services or regulatory processes, or education and support for businesses and residents to meet their obligations under any new scheme.

### 3 Part 1 – The waste situation

Council provides a range of waste management services across the district to businesses and households and to some of the rural townships (refer Appendix 2).

The following section contains information regarding:

- council provided services and facilities
- non-council provided services and facilities
- waste flows
- waste quantities and composition
- identified waste issues
- forecast future demand.

#### 3.1 Council services and facilities

Council provides a range of waste collection, recycling, recovery, processing and disposal services and facilities in the district that are funded through targeted rates, the waste levy, user charges and general rates.

Council waste services and facilities include:

- Kerbside refuse collection using council approved bags and wheelie bins
  - weekly service provided to Queenstown, Glenorchy, Arrowtown, Lake Hayes, Kingston, Wanaka, Gibbston, Albert-Town, Hawea, Makarora and Luggate
  - twice daily collection of refuse in the Queenstown CBD
  - daily collection refuse from the Wanaka CBD
- Rural refuse collection points
  - weekly collection of refuse in rural areas from four collection points at Gibbston, Hawea, Dublin Bay and Maungawera
- Kerbside recycling collection
  - Wakatipu - weekly recycling collection service provided to eligible residential properties in Queenstown, Glenorchy, Arrowtown, Lake Hayes and Kingston
  - Wanaka – weekly kerbside recycling collection service to eligible residential properties in Wanaka, Albert Town, Makarora, Hawea and Luggate
- Rural recycling drop off facilities
  - Wakatipu – weekly recycling collection service in rural areas from one collection point at Gibbston Valley
  - Wanaka - twice weekly collection service in rural areas from three collection points (Off peak in Hawea is twice a week, Dublin and Maungawera are once per week. In peak times Hawea is 7 days a week, and at least twice per week for Dublin and Maungawera).
- Transfer stations - Frankton (Queenstown) and Wanaka – acceptance of waste and acceptance, sorting and storage of recyclable materials, public drop off facilities for recycling and green waste, tyres, scrap metal, hazardous goods

- Wakatipu Transfer Station owned by council and operated under contract by AllWaste - drop off facilities for recyclable materials (green waste, tyres, scrap metal, hazardous goods drop off) and disposal of general waste
- Wanaka Transfer Station site owned by Queenstown Lakes District Council and operated under contract by All Waste - drop off facilities for recyclable materials (green waste, tyres, scrap metal, hazardous goods drop off) and disposal of general waste
- Wakatipu Recycling Centre - Material Recovery Facility operated by Smart Environmental Ltd under Build Own Operate and Transfer contract. Owned and operated by Smart Environmental on a site owned by Council
  - Accepts kerbside-collected recyclables from council collections from both the Queenstown Lakes and Central Otago Districts Accepts recyclable material from private recycling services for both the residential and commercial sectors
  - Co-mingled recyclables are sorted using a combination of mechanical equipment and manual sorting
  - Consolidates separated recyclables and arranges transport to processing facilities in New Zealand and overseas
  - Operates a re-sale shop
- Victoria Flats landfill – owned by Queenstown Lakes District Council, operated by SCOPE under Build Own Operate and Transfer contract. Accepts waste from the Queenstown Lakes and Central Otago Districts.
- Rural greenwaste drop off points in Glenorchy, Kingston, Luggate, Hawea and Makorara
- Hazardous waste drop off services for residential quantities of hazardous waste at the Frankton transfer station and Wanaka Transfer Station
- Biosolids disposal / processing
  - Council is progressing a vermicomposting trial at the Victoria Flats landfill
- Provision and servicing of litter bins and public place recycling bins
- Waste minimisation education/initiatives and programmes including:
  - EERST (Environmental Education for Resource Sustainability, Enviroschools programme and Dr Compost (environmental education contracted to Wanaka Wastebusters)
  - Love Food Hate Waste campaign
  - Waste Free Parenting,
- Monitoring and maintenance of nine closed landfills at Tucker Beach, Wanaka, Glenorchy, Hawea, Kingston, Makarora, Luggate, Albert Town and Warren Park.
- Annual inorganic collection in Glenorchy, Biannual in Makarora, Twice yearly in Kingston
- Subsidised home composting initiative “Bokashi” Bins

## 3.2 Non-council provided services and facilities

Private companies continue to provide user charges services to meet additional requirements of the community. The following services are known to be provided:

- Private collection services for refuse and recycling for residential and commercial customers, including skip bin services for construction and demolition waste
- Collection of divertible material – recyclables and greenwaste, including soft plastics and bottle banks
  - by private companies
  - by community groups/enterprise
- Cleanfill sites
- Wanaka Wastebusters – recycling resale shop

## 3.3 Waste flows

The map of the Queenstown Lakes District Council area as shown in Figure 2 below indicates the scale of the area for which Council provides waste services. The area is divided into two wards, Wakatipu and Wanaka.

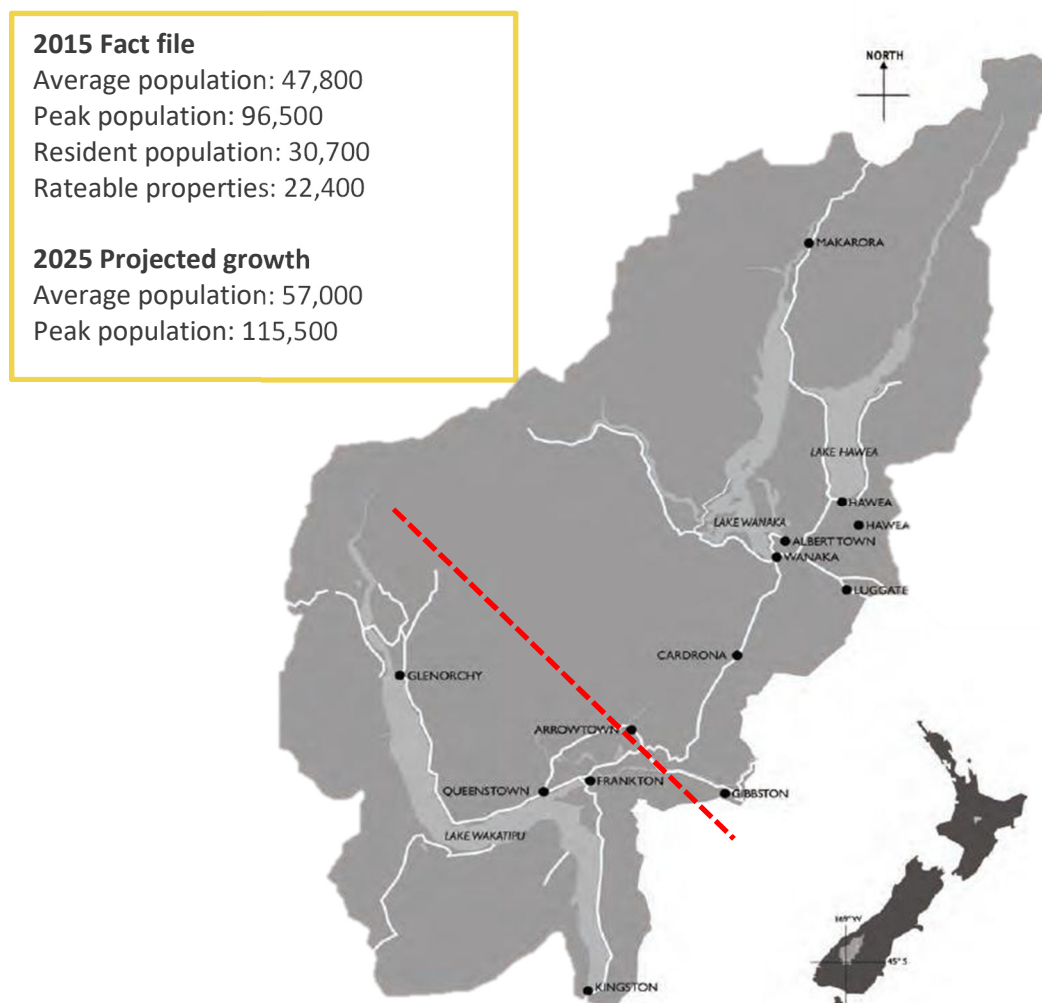


Figure 2 Map of the Queenstown Lakes District with the Wakatipu and Wanaka Areas

Figure 3 below shows the various waste flows and volumes into the Victoria Flats Landfill from the two transfer stations in the District, two transfer stations in Central Otago District, and also kerbside collection, general waste, special waste and glass from the Wakatipu recycling centre.

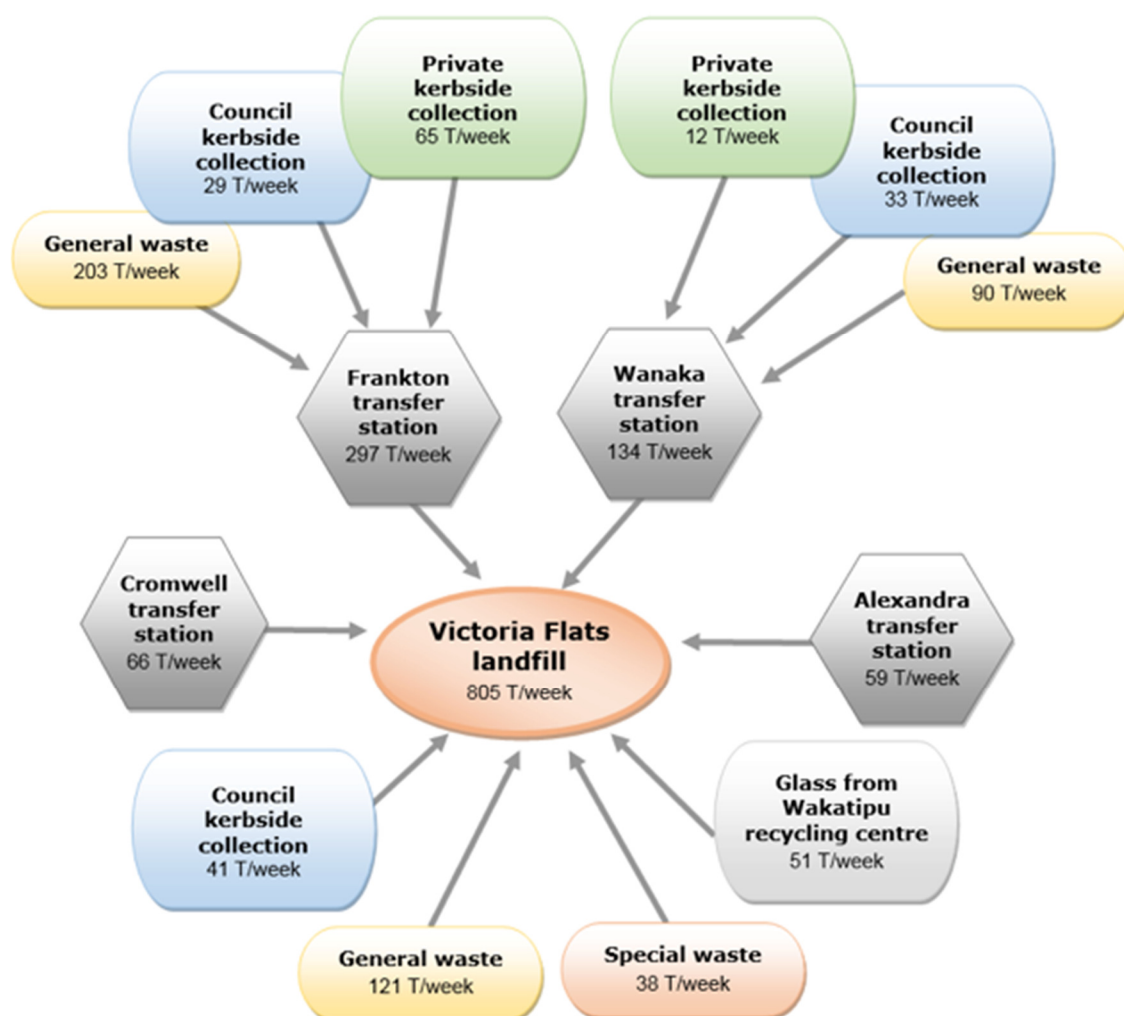


Figure 3 Victoria Flats landfill waste flows – July and August 2016 (from 2016 Survey report)

### 3.4 Waste quantities and composition

It is important for Council to understand the quantity and composition of waste coming through its services so that it can identify opportunities to reduce waste to landfill. This could be by making appropriate policy, service and community education responses that ultimately achieve the vision, goals, objectives and targets of delivering the WMMP.

#### 3.4.1 Waste

Figure 4 shows the amount of waste generated by the Queenstown Lakes District that is disposed at the Victoria Flats landfill. From 2003 to 2008 there was an increase in the amount of waste going to the landfill, however, this dropped back to just under 2003 levels in 2012 as a result of a slowdown in economic activity following the Global Financial Crisis. Since 2012 there has been a steady increase in the amount of waste from the District going to the

landfill, and in 2016 it is at its highest recorded. This in part due to increased tourism, the construction boom and the recent landfilling of glass, due to the existing recycle end-use market being no longer available.

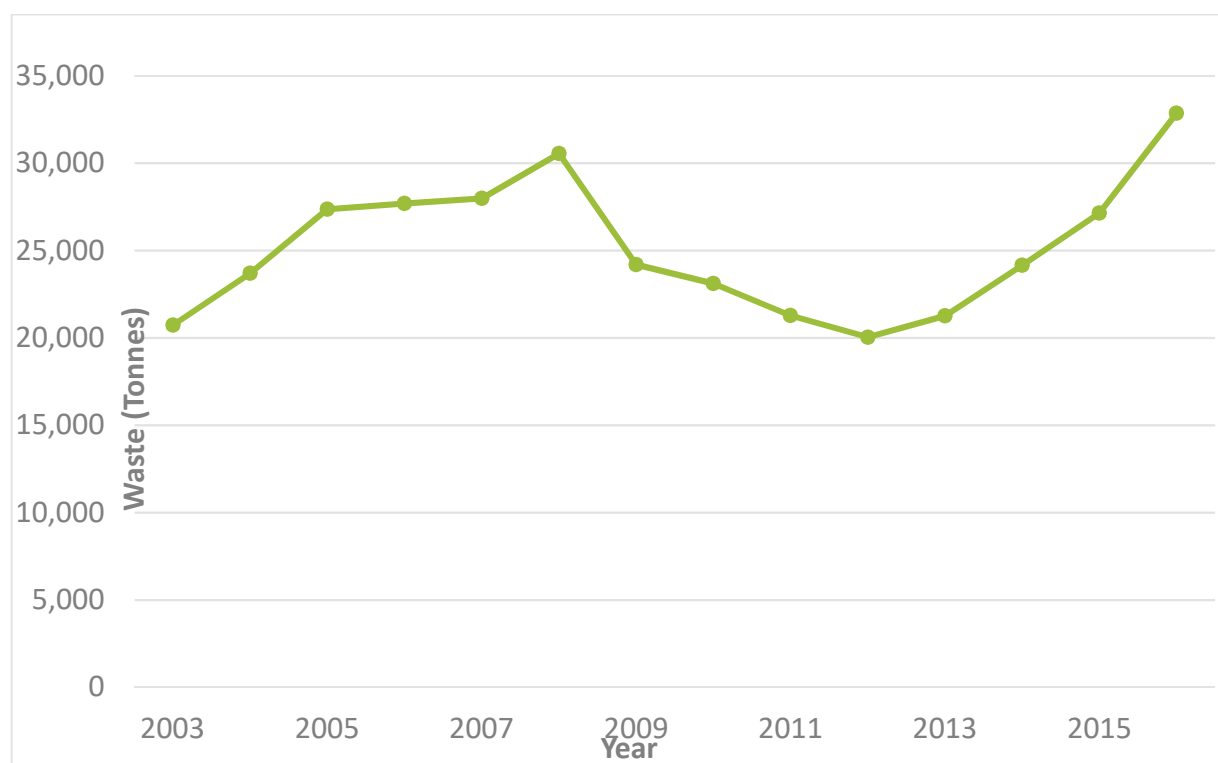


Figure 4 Waste quantities (tonnes) sent to Victoria Flats landfill from Queenstown Lakes District from 2003-2016

Since 2004 the Council has been recording the quantities of waste and diverted material that they have handled. In July/August 2016, the Council commissioned an analysis of the composition of waste being disposed of to landfill from the District. The studies comprised six days of surveying at Wanaka and Wakatipu transfer stations and the analysis of weighbridge records for the transfer stations and Victoria Flats landfill. The methodology for the analysis was designed to be consistent with the Ministry for the Environment's Solid Waste Analysis Protocol (SWAP). The figures below are taken from the SWAP report which is attached in Appendix 1.

Council has a target in its current Long Term Plan (2015) to reduce the amount of residential waste to landfill per head of population from a baseline of 188kg ( June 2014) to less than 160kg for the 2016/17 financial year, and reducing again to 155kg in the 2017/18 financial year. However, there was an increase in residential waste to landfill in 2015/16 to 258kg. This can be explained by the recent landfilling of glass and as a result of the 100,000+ visitors to the district in 2015/16. In no way can this be attributed solely to the resident population. Therefore it is proposed that more representative targets to track performance are used in the new WMMP.

There has been a significant increase in the amount of glass going to the Victoria Flats landfill, rising 7% in the last 4 years because the glass collected in the Wakatipu Ward was landfilled. This is due to the fact that the glass product generated from the MRF processing the commingled recycling at the Wakatipu Recycling Centre (MRF) has a low financial value because it is not colour-sorted and contains a high degree of contamination reducing the recyclables value.

Similarly there has been an increase in the amount of rubble being received at the Victoria Flats landfill. This reflects the high level of construction and demolition waste being produced as a result of the current construction boom in the Queenstown Lakes District (timber also remains a high proportion of the waste received at these facilities).

The amount of organic material in the waste stream has reduced between 4-14% across the facilities between 2012 and 2016. However, Table 1 below demonstrates that organic material represents the highest material tonnage per week at 152t at the Victoria Flats landfill, 17t greater than timber, the second highest material going to landfill.

Table 1 Composition of the overall waste stream at Wanaka and Frankton transfer stations and the Victoria Flats landfill (Victoria Flats also receives waste from Central Otago transfer stations and waste carted directly to landfill)

Overall waste streams – 8-13 August 2016	Wanaka transfer station	Frankton transfer station	Victoria Flats landfill
Paper	17 T/week	33 T/week	99 T/week
Plastics	16 T/week	26 T/week	82 T/week
Organic	26 T/week	53 T/week	152 T/week
Ferrous metals	4 T/week	6 T/week	16 T/week
Nonferrous metals	1 T/week	2 T/week	6 T/week
Glass	5 T/week	13 T/week	86 T/week
Textiles	6 T/week	17 T/week	45 T/week
Sanitary paper	5 T/week	7 T/week	28 T/week
Rubble	27 T/week	62 T/week	109 T/week
Timber	27 T/week	76 T/week	135 T/week
Rubber	1 T/week	1 T/week	7 T/week
Potentially hazardous	1 T/week	1 T/week	40 T/week
<b>TOTAL</b>	<b>134 T/week</b>	<b>297 T/week</b>	<b>805 T/week</b>

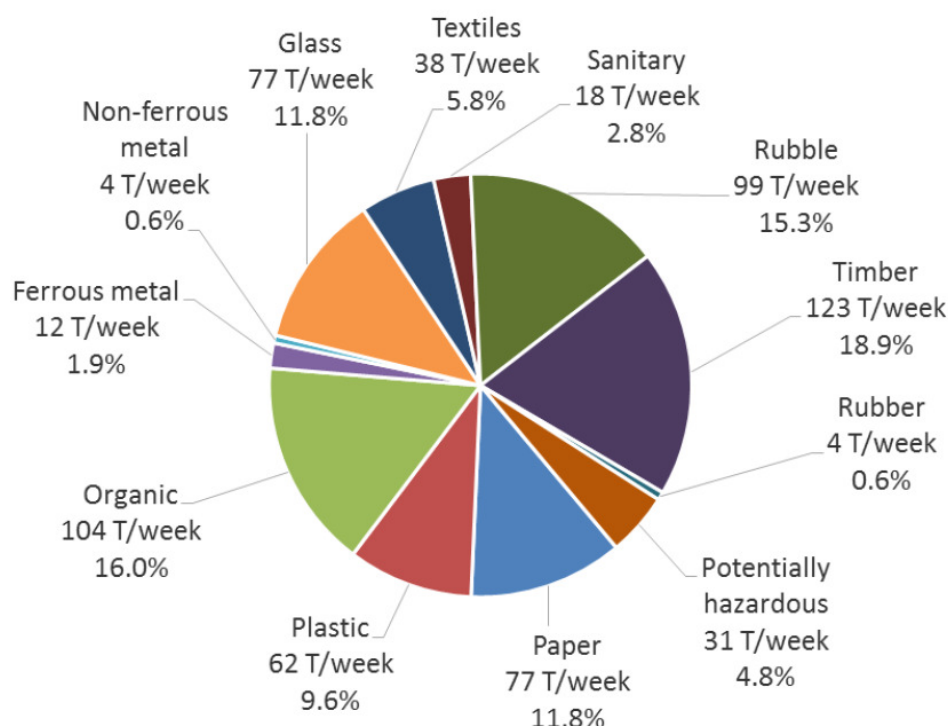


Figure 5 Primary composition of Victoria Flats landfill waste from Queenstown Lakes District (from 2016 Survey) (Total 649 T/week including waste carted directly to landfill from the Queenstown Lakes District)

Figure 5 gives the waste composition breakdown of the types of waste entering the Victoria Flats landfill from the Queenstown Lakes District. Timber was the largest component with 18.9% of the total by weight. Organic material was the next highest component at 16%, and rubble close behind at 15.3% of total weight.

### 3.4.2 Diverted material

Diverted materials are predominantly those from kerbside recycling collection services, from drop off facilities for recycling and green waste and re-use shops. The Annual Report 2015/2016 indicates that diverted materials from landfill increased from 226kg to 260kg per head of population from 2014/15 to 2015/16.

The waste diversion percentage is shown in Figure 6. The figures prior to 2011/12 are taken from the 2012 Asset Management Plan (AMP). The underlying waste tonnage figures in the 2012 AMP were taken from different sources, however the historical figures still provide some comparison with the last five years.



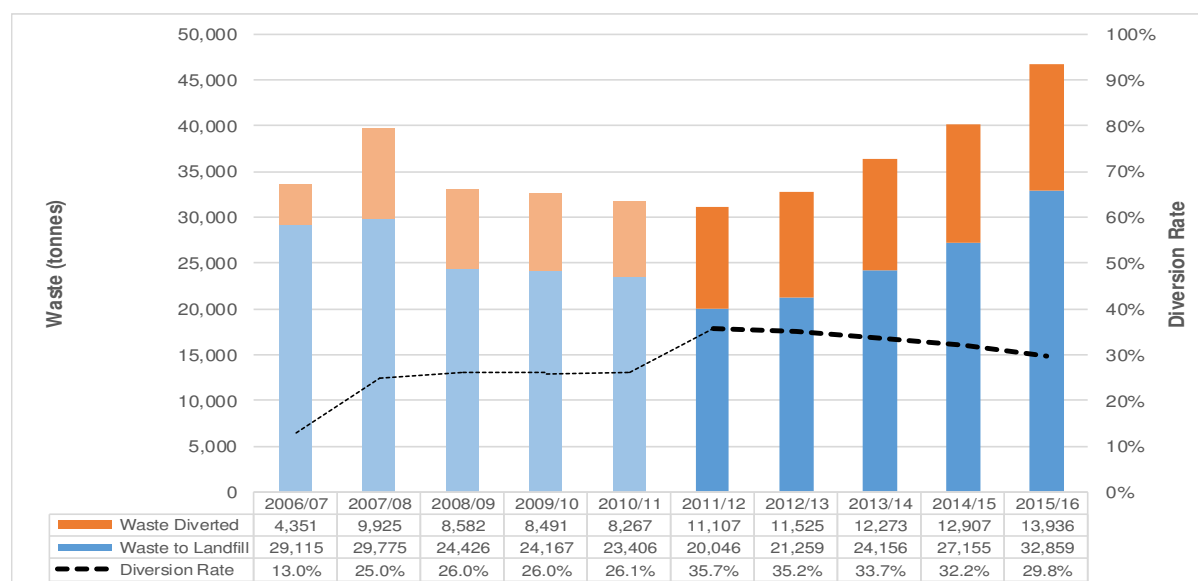


Figure 6 Queenstown Lakes District waste generated and waste diversion rate

Figure 6 shows that the amount of waste diverted has increased in recent years, however the total amount of waste generated has increased at a greater rate. This has resulted in a decrease in the diversion rate over the last five years.

Table 2 shows the percentage of divertable material in the overall waste streams across the two transfer stations and the Victoria Flats landfill. There is potentially 53% divertable material across the waste streams.

Table 2 Potentially divertable materials in overall waste streams (SWAP 2016)

Divertable materials in overall waste streams - 8-13 August 2016	Frankton transfer station	Wanaka transfer station	Victoria Flats landfill
<b>CURRENTLY RECYCLABLE MATERIALS</b>			
Paper - Recyclable	5.1%	6.0%	5.0%
Paper - Cardboard	4.5%	5.1%	4.9%
Plastic - Recyclable	1.4%	1.7%	1.6%
Ferrous metal - All	2.0%	2.6%	2.0%
Nonferrous metal - All	0.6%	0.5%	0.7%
<b>Subtotal</b>	<b>13.6%</b>	<b>15.8%</b>	<b>14.2%</b>
<b>CURRENTLY COMPOSTABLE MATERIALS</b>			
Organics - Compostable greenwaste	2.4%	1.3%	2.2%
<b>Subtotal</b>	<b>2.4%</b>	<b>1.3%</b>	<b>2.2%</b>
<b>POTENTIALLY RECOVERABLE MATERIALS</b>			
Organics - Kitchen waste	13.0%	13.8%	13.4%
Glass - Recyclable	3.2%	2.6%	9.1%
Rubble - Cleanfill	7.7%	1.1%	3.4%
Rubble - New plasterboard	4.3%	11.4%	4.0%
Timber - Reusable	2.9%	4.0%	2.1%
Timber - Untreated/unpainted	6.2%	3.6%	4.2%
<b>Subtotal</b>	<b>37.3%</b>	<b>36.4%</b>	<b>36.2%</b>
<b>TOTAL - POTENTIALLY DIVERTABLE</b>	<b>53.2%</b>	<b>53.5%</b>	<b>52.7%</b>

### 3.4.3 Sewage Treatment Residuals

The sludge from Council's waste water treatment plants until recently was taken to the Victoria Flats landfill. Sludge was viewed as potentially causing odour when delivered to landfill and an agreement was reached to take sludge somewhere else as an interim measure. Sludge is currently disposed of at the AB Lime's landfill in Southland. Council is exploring other options to dispose of sludge and is currently trialling a vermicomposting solution as an alternative means of dealing with the sludge. The end product from the vermicomposting would be a soil conditioner that could be applied to land being used to produce hay or silage. Vermicomposting also uses greenwaste and cardboard and could be expanded to process other organic wastes e.g. organic waste. A solar drying facility near Luggate is expected to be operational by Dec 2017 to process Wanaka's sludge into a biosolids for land application.

## 3.5 Forecast of future demand

The Queenstown Lakes District is one of the fastest growing parts of the country. Total waste in the District is expected to increase due to high population, visitor and economic growth. Queenstown Lakes District also has a significant rural area. As the population increases demand for waste and diversion services also increase. Capacity improvements for the waste facilities will be required to accommodate the expected increase of both waste and diverted materials, or alternative facilities will need to be identified.

### 3.5.1 Growth projections

Population growth increases demand for waste services. Visitor and economic growth will increase demand for commercial collections and place increased demand on Council and private facilities, including transfer stations and the Victoria Flats Landfill.

Note: Growth forecasts used from 2016-17 were adopted for the WA. More recent forecasts predict even higher growth, and the programmes identified allow for this increased growth.

Financial year ending	Adopted growth projections		High growth scenario	
	Usually resident population	Total waste to landfill (T)	Usually resident population	Total waste to landfill (T)
2017	34,406	32,606	34,558	32,750
2018	35,404	33,551	35,632	33,767
2019	36,304	34,404	36,620	34,704
2020	37,204	35,257	37,608	35,640
2021	38,104	36,110	38,596	36,576
2022	39,004	36,963	39,584	37,513
2023	39,904	37,816	40,572	38,449

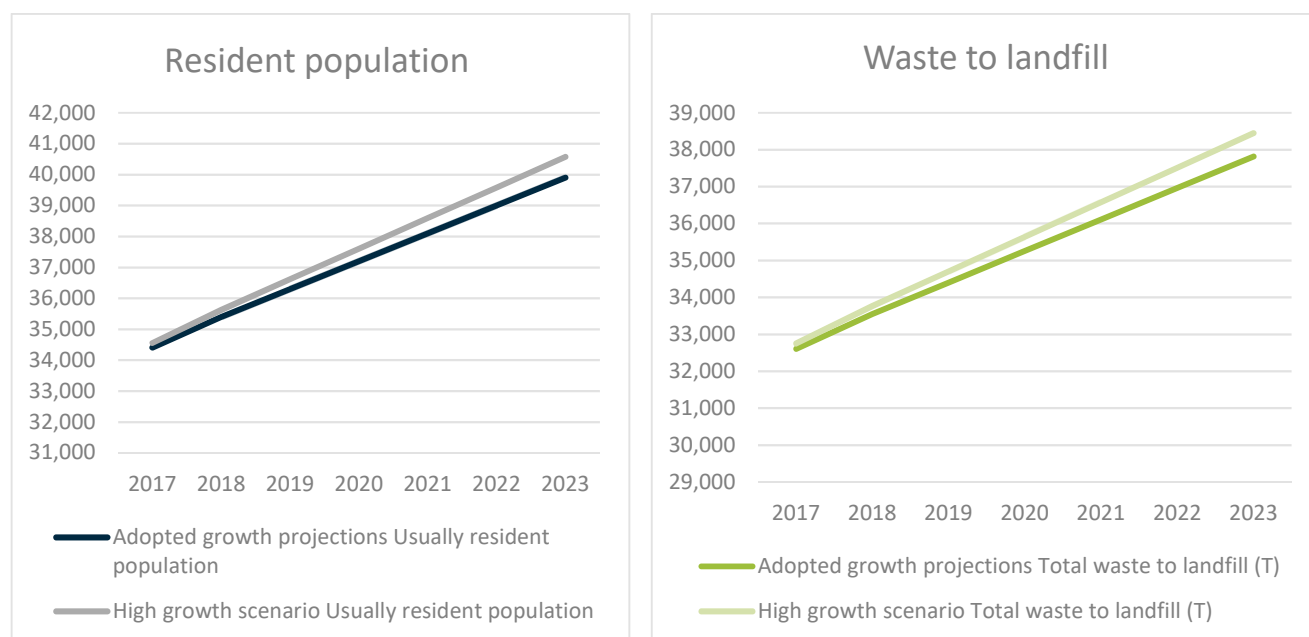


Figure 7 Projected Population and Waste to landfill comparison

### 3.5.2 Meeting customer needs

Council undertakes an annual ratepayers and residents survey, the most recent survey being in 2016. The main themes from the survey relating to waste were:

- get rid of blue plastic bags
- provide more rubbish bins in public spaces and green spaces (in particular for dog owners and freedom campers)
- empty rubbish bins more frequently
- clean up litter in the outskirts of the main centres
- provide recycling and green waste services to reduce rubbish into landfill
- concerns about roadside litter beyond the town centres
- builders' rubbish blowing around near work sites and torn blue rubbish bags making the streets messy.

From these themes there are a number of opportunities that arise for Council to better educate the community on the facilities and services already available.

## 3.6 Identified waste issues

Having reviewed progress against the previous WMMP Action Plan and considering the change in waste quantities since the last WMMP, Council has identified the following issues that need to be addressed in the next WMMP:

- glass going to landfill rather than being recycled
- the high volume of organic waste going to landfill
- the high volume and increasing proportion of construction and demolition waste going to landfill
- biosolids disposal

- the impact of tourists/visitors generating, and high volumes, of unseparated waste that is resulting in recyclables going to landfill
- the high proportion of paper and plastics going to landfill
- how to manage permitted activity cleanfill sites
- the lack of capacity of the Wakatipu Transfer Station and Wakatipu Recycling Centre to meet future demand
- the location of public place litter and recycling bins and frequency of clearing
- challenges in the accessibility to collect waste from the CBD and multi-unit developments (MUDs)
- increased landfill disposal costs due to the phasing out of the one-for two transitional measure of the Emissions Trading Scheme which commenced in 1 January 2017.

These issues are addressed within Table 4, the Waste Management and Minimisation Project Business Case included in Part 3 of this WA.

## 4 Part 2 – Where do we want to be?

### 4.1 Vision, goals, guiding principles, objectives and targets

Working together, Council and the community can achieve more effective and efficient waste management and minimisation in the District. Council is proposing the following vision, goals, objectives and targets. Taken together these form the strategy for Council's WMMP.

#### 4.1.1 Vision

Our vision for the future is:

“Towards zero waste and a sustainable district”

#### 4.1.2 Goals

The goals that we will use are those from the New Zealand Waste Strategy:

- Improving the efficiency of resource use
- Reducing harmful effects of waste

#### 4.1.3 Our objectives

Our objectives to meet our goals are:

Table 3 Objectives

Goals	Objectives:
Goal 1: Improving the Efficiency of Resource Use	Provide and support opportunities to minimise waste through reduction, reuse, recycling and recovery (in priority order)
	Educate and support generators (residents, visitors, and businesses) with options and responsibilities
Goal 2: Reducing Harmful Effects of Waste	Avoid or mitigate any adverse effects on public health or the environment
	Provide effective and efficient waste minimisation and management services supported by the right funding mechanisms

#### 4.1.4 Our targets

Council does not set targets in the WMMP, however does measure performance through the Long Term Plan (LTP) and Annual Plan (AP). Targets will be based on the final adopted programme. Proposed measures for the LTP 2018 are:

Table 4 Measures and Targets

Measure	Source of data	Comment
<b>Total waste to landfill (T/Year)</b>	Measured at Wanaka & Wakatipu transfer stations	Existing measure adjusted for total volume
<b>Total waste diverted (T/Year)</b>	Reported kerbside recycling after processing, green waste and recycle drop off	Existing measure adjusted for total volume
<b>Consent Compliance (%)</b>	Landfill and transfer stations consents	Existing measure
<b>Customer Satisfaction (%)</b>	% satisfied in annual ratepayer survey	Existing measure

## 5 Part 3 - How are we going to get there?

### 5.1 Our guiding principles

In developing options, Council will be guided by the following principles:

- Global citizenship
- Kaitiakitanga / stewardship
- Product stewardship
- Full cost pricing
- Life cycle pricing
- Precautionary principle.

### 5.2 Options for meeting future demand (Statement of Proposals)

In looking at options for meeting future demand the Council will reconsider its current waste minimisation actions (i.e. the status quo) to focus on key issues rather than continuing with the many actions in the current WMMP. In saying that, the Council will continue to provide and support educational programmes such as Enviroschools, the Nappy Lady, and the environment education for resource sustainability programme. Council will also continue to support existing waste minimisation and resource efficiency initiatives, advocate to government for change, maintain the existing recycling and transfer station facilities and Victoria Flats landfill and collaborate with other councils to promote waste management and minimisation.

With additional waste diversion the Victoria Flats landfill is also expected to be able to meet the districts residual waste needs until the end of its consent in 2029.

#### 5.2.1 Focusing in on key issues

Council, working with a Stakeholder Working Group, has made a decision that rather than creating a WA and WMMP which has too many actions for it to reasonably achieve over the life of the WMMP (a criticism of the last WMMP 2011), to instead focus effort where Council has the greatest ability to influence, and target the waste streams with the most opportunity to reduce waste to landfill i.e.

- reduced glass and
- either reduced organics or reduced construction and demolition waste

Focusing on specific areas enables a targeted effort to achieve goals and provide clear messaging to residents, ratepayers and visitors on the key waste issues facing the district.

##### 5.2.1.1 Reducing glass to landfill

Council currently provides different levels of service for glass collection in the District. In doing this Council is not able to take advantage of a national market for colour sorted glass and is sending glass to landfill that could be diverted.

### 5.2.1.2 Reducing organics to landfill

Reducing organics to landfill will have an ongoing significant impact on the Victoria Flats landfill given the current high tonnage of 104T/ week. The benefits of choosing to target reducing organics to landfill is that this will have an ongoing benefit with households and business continuing to generate organic waste even when the construction boom ends.

### 5.2.1.3 Reducing construction and demolition waste to landfill

Reducing construction and demolition waste will have a significant impact on the Victoria Flats landfill as it currently represents approximately 34% (indicatively rubble 15.3% and timber 18.9%) of the total weight going to landfill. In considering whether to prioritise this option over reducing organics, consideration needs to be given to the projected population growth over time to determine whether the current high volumes are likely to be for a short duration, or if there is likely to be a longer time period where a sustained reduction in construction and demolition waste is possible.

## 5.2.2 Waste management and minimisation programme business case (PBC)

In looking at the options to address waste issues and to select which targeted areas Council should focus on, a Waste Management and Minimisation PBC approach was used to identify a preferred programme of work. NZ Treasury are advocating the use of this approach to enable smart investment decisions for public value.

Potential intervention options were identified by the Working Group for each of councils waste services activities: waste minimisation education, advocacy and collaboration, regulation, refuse, recycling, glass, organics, biosolids, C & D waste, cleanfill, waste facilities and landfill, landfill, hazardous waste, public place wastes and visitors.

Seven different programmes of work were identified that utilised different intervention options depending on the focus for that programme. The seven options were assessed through the PBC process. The interventions chosen for each programme option are shown in Table 4 below.

After a full assessment of all seven options, Programme 6 was selected as the preferred Option. Programme 6 focuses on organics and glass by providing more waste minimisation services and facilities that target organics and glass, and retains the current approach to education and regulation. In choosing Programme 6 over Programme 7, the key deciding factors were:

- the programme could have around 19% decrease of waste to landfill over 10 years which although is slightly less than the construction and demolition programme in terms of diversion, Council has more influence over residential waste than the construction sector's waste
- the construction sector may slow down whereas organics will continue to grow
- the programme complements Council's biosolids strategy
- construction and demolition facility opportunities can still be explored by the private sector which Council would support where possible
- the programme continues with existing education and regulation
- existing waste minimisation initiatives will continue.



Table 4 Waste management and minimisation programme business case options assessment

Note: C & D = Construction and demolition waste, Programme 6 is Preferred Programme.

Strategic Options	Intervention options	Programme Options						
		Programme 1	Programme 2	Programme 3	Programme 4	Programme 5	Programme 6	Programme 7
		Status Quo	Do Minimum  Provide minimum level of service to minimum legal requirements	More influencing  Continue with current refuse and recycling collections and waste facilities  but increase education and regulation	More services  Provide more waste minimisation services and facilities  and retain current education and regulation	Full council service  More waste minimisation services, facilities, education and regulation council providing full service supported by education and regulation	Focus on organics and glass  Provide more waste minimisation services and facilities that target organics and glass  and retain current education and regulation	Focus on C&D and glass  Provide more waste minimisation services and facilities that target C&D and glass  and retain current education and regulation
<b>Waste minimisation education</b> Under programmes 3 and 5 Council would increase their resources to deliver more waste minimisation education and support to residents and businesses. Under programmes 4, 6 or 7 Council would continue with the current methods although additional communication will be required around new services. Under programme 2 Council would discontinue the current programme.	Continue to circulate educational information to promote Council waste services and how to responsibly dispose of organic and recyclable waste, including using private waste collection services	Y		Y	Y	Y	Y	Y
	Continue to update the council waste website	Y		Y	Y	Y	Y	Y
	Continue to investigate and provide (if appropriate) promotional support for commercial waste minimisation e.g. Agrecovery, Plasback, zero waste events, beach clean events	Y		Y	Y	Y	Y	Y
	Continue with existing waste education and promotional programmes for the general public, visitors, businesses, and in schools e.g. Enviroschools, EERST, Dr Compost, Waste Free Parenting, "Love Food Hate Waste"	Y			Y		Y	Y
	Continue to provide subsidies for composting tools e.g. Bokashi buckets, worms	Y			Y		Y	Y
	Continue to work with residents, businesses and community organisations in the District so as to encourage and promote waste minimisation and optimal resource use in the District	Y		Y	Y	Y	Y	Y
	Employ dedicated waste minimisation resource to enable waste education, communication, advocacy, collaboration and regulation			Y		Y		
	Review and extend existing waste education and promotional programmes for the general public, visitors, businesses, and in schools e.g. Enviroschools, EERST, Dr Compost, Waste Free Parenting, "Love Food Hate Waste"			Y		Y		
	Establish a grants scheme to support community initiatives focused on waste minimisation			Y		Y		
	Develop a multi-functional waste minimisation website or app for commercial and residential users and visitors			Y		Y		
	Create, maintain and make available to the public a schedule of diverted material types including actual and potential services for collecting and processing diverted material available within the District			Y		Y		
	Introduce a "waste ranger" service to provide hands-on help to areas with high waste outputs (such as businesses in the CBD) and link with business associations			Y		Y		
	Provide an education centre at a council waste facility					Y		

Strategic Options	Intervention options	Programme Options						
		Programme 1	Programme 2	Programme 3	Programme 4	Programme 5	Programme 6	Programme 7
		Status Quo	Do Minimum  Provide minimum level of service to minimum legal requirements	More influencing  Continue with current refuse and recycling collections and waste facilities  but increase education and regulation	More services  Provide more waste minimisation services and facilities  and retain current education and regulation	Full council service  More waste minimisation services, facilities, education and regulation council providing full service supported by education and regulation	Focus on organics and glass  Provide more waste minimisation services and facilities that target organics and glass  and retain current education and regulation	Focus on C&D and glass  Provide more waste minimisation services and facilities that target C&D and glass  and retain current education and regulation
<b>Advocacy and collaboration</b> Under programmes 3 and 5 Council would take a more active role in advocating for change. For all other options, Council would continue to take an observatory role.	Alongside other organisations, advocate to improve product stewardship e.g. disposable drink containers, single-use plastic bags, tyres	Y		Y	Y	Y	Y	Y
	Alongside other organisations, advocate for an increase in the waste disposal levy or extension of the waste levy to include other landfill classes	Y		Y	Y	Y	Y	Y
<b>Waste minimisation regulation</b> Under programmes 3 and 5 Council would enact a solid waste bylaw to regulate waste management. Under programme 2 council would discontinue all regulatory provisions. For all other options, Council would continue to enforce the current provisions within the district plan..	Enforce existing event waste management regulatory provisions	Y		Y	Y	Y	Y	Y
	Review whether a Solid Waste Bylaw is needed to specify new multi-unit development requirements for handling and storage systems for refuse and recyclable materials			Y	Y	Y	Y	Y
	Review whether a bylaw is needed to to ensure minimum standards are maintained during collections and to monitor the quantities and compositions of waste streams, and origins and destinations of waste. Review whether to introduce waste operator licensing through the Solid Waste Bylaw			Y	Y	Y	Y	Y
	Review whether a bylaw is needed to regulate collection times and frequency in the CBD			Y	Y	Y	Y	Y
	Introduce local waste minimisation levy to fund waste minimisation initiatives			Y		Y		
<b>Refuse</b> Under programme 2 Council would discontinue its refuse collection service. For all other options Council will continue to provide a refuse collection service with methodology improvements assessed as part of the contract renewals.	Continue with council-provided refuse collection service for urban households. Investigate methodology improvements e.g. receptacles, funding method	Y		Y	Y	Y	Y	Y
	Continue with council-provided refuse collection service for CBD businesses. Investigate CBD-specific methodology e.g. frequency, receptacles (e.g. Big Belly Bins)	Y		Y	Y	Y	Y	Y

Strategic Options	Intervention options	Programme Options						
		Programme 1	Programme 2	Programme 3	Programme 4	Programme 5	Programme 6	Programme 7
		Status Quo	Do Minimum  Provide minimum level of service to minimum legal requirements	More influencing  Continue with current refuse and recycling collections and waste facilities  but increase education and regulation	More services  Provide more waste minimisation services and facilities  and retain current education and regulation	Full council service  More waste minimisation services, facilities, education and regulation council providing full service supported by education and regulation	Focus on organics and glass  Provide more waste minimisation services and facilities that target organics and glass  and retain current education and regulation	Focus on C&D and glass  Provide more waste minimisation services and facilities that target C&D and glass  and retain current education and regulation
<b>Recycling</b> Under programme 2 Council would discontinue its recycling service. Under programmes 3 and 5 Council would regulate for private collectors to provide recycling services alongside refuse. Programmes 4 and 5 would extend the area receiving a recycling service. Programmes 6 and 7 retain the current recycling service.	Continue with council-provided recycling collection service for urban households	Y		Y	Y	Y	Y	Y
	Require private operators to provide recycling service if providing refuse service			Y		Y		
	Investigate extending council-provided recycling services to others e.g. targeted rural areas, new subdivisions or outlying townships, commercial premises, schools				Y	Y		
<b>Glass</b> Under programme 2 Council would discontinue glass recycling. For all other options Council will implement a change to glass recycling to increase quality, quantity and yield, and improve consistency between wards.	Continue co-mingled recycling bin system in Wakatipu and separate, kerbside-sorted glass collection service in Wanaka	Y						
	Implement a change to glass recycling methodology to increase quality, quantity and yield, and introduce consistency between wards (e.g. separate co-mingled, separate kerbside sorted, fully co-mingled recycling, CDL. Refer glass business case)			Y	Y	Y	Y	Y
<b>Organics</b> Under programme 2 Council would discontinue the current promotion of home composting. Programmes 4, 5 and 6 would see an organics collection and processing service introduced. Programme 7 would see existing promotion of home composting retained. Programme 3 would see an introduction of a ban on organics to landfill.	Continue to promote, educate and incentivise home composting	Y		Y	Y	Y	Y	Y
	Continue to provide organic waste drop-off facility and mulching at transfer stations	Y		Y	Y	Y	Y	Y
	Promote the use of compostable materials such as wood chip at veterinary clinics / kennels for animal litter - in conjunction with vermicomposting trial?			Y		Y		
	Require private operators to provide organics collection service if providing refuse service					Y		
	Introduce organics ban through Solid Waste Bylaw			Y		Y		
	Introduce council-provided organic waste collection service for urban households				Y	Y	Y	
	Provide an organic waste processing facility (funding and service delivery options to be determined through project business case. Likely to be aligned with biosolids processing option)				Y	Y	Y	

Strategic Options	Intervention options	Programme Options						
		Programme 1	Programme 2	Programme 3	Programme 4	Programme 5	Programme 6	Programme 7
		Status Quo	Do Minimum  Provide minimum level of service to minimum legal requirements	More influencing  Continue with current refuse and recycling collections and waste facilities  but increase education and regulation	More services  Provide more waste minimisation services and facilities  and retain current education and regulation	Full council service  More waste minimisation services, facilities, education and regulation council providing full service supported by education and regulation	Focus on organics and glass  Provide more waste minimisation services and facilities that target organics and glass  and retain current education and regulation	Focus on C&D and glass  Provide more waste minimisation services and facilities that target C&D and glass  and retain current education and regulation
<b>Biosolids</b> Under programme 2 landfill disposal of biosolids would continue. For all other options Council would implement enhancements to biosolids end use.	Implement enhancements to biosolids end-use e.g. co-composting, solar drying, incineration, monofill, direct land application (refer biosolids business case)			Y	Y	Y	Y	Y
<b>C&amp;D waste</b> Under programme 2 landfill disposal of C&D waste would continue. All other options introduce monitoring of C&D materials with programmes 4, 5 and 7 introducing a C&D sorting facility	Monitor quality and quantity of C&D wastes at the Wakatipu transfer station and Victoria Flats landfill on an ongoing basis to gain a greater understanding of the types and quantities of material that could be diverted			Y	Y	Y	Y	Y
	Promote / make it less restrictive to build homes / buildings from reusable or more sustainable products i.e. earth ships, straw bales houses etc, e.g by promoting REBRI (Resource Efficiency in the Building and Related Industry) Guidelines	Y		Y	Y	Y	Y	Y
	Support and enable, where practicable, private operators in relation to a C&D facility.			Y			Y	
	Advocate a proactive and collaborative approach to working with the construction and demolition industry to change behaviours through education, promote waste separation, recycling of materials and beneficial reuse.			Y		Y		Y
	Introduce ban on particular construction and demolition wastes through a Solid Waste Bylaw					Y		
	Provide a C&D sorting facility (funding and service delivery options to be determined through project business case)				Y	Y		Y
<b>Cleanfill</b> Under programmes 3 and 5 Council would introduce licencing of cleanfills. Programmes 4, 5 and 7 introduce a new cleanfill facility. Programme 2 would see no cleanfill provision by Council.	Include cleanfill operator licensing through a Solid Waste Bylaw			Y		Y		
	Develop and enact cleanfill regulation e.g. advocate to the Otago Regional Council, and review District Plan requirements			Y		Y		
	Provide a cleanfill facility (if not already provisioned in 30-year infrastructure strategy)				Y	Y		Y

Strategic Options	Intervention options	Programme Options						
		Programme 1	Programme 2	Programme 3	Programme 4	Programme 5	Programme 6	Programme 7
		Status Quo	Do Minimum  Provide minimum level of service to minimum legal requirements	More influencing  Continue with current refuse and recycling collections and waste facilities  but increase education and regulation	More services  Provide more waste minimisation services and facilities  and retain current education and regulation	Full council service  More waste minimisation services, facilities, education and regulation council providing full service supported by education and regulation	Focus on organics and glass  Provide more waste minimisation services and facilities that target organics and glass  and retain current education and regulation	Focus on C&D and glass  Provide more waste minimisation services and facilities that target C&D and glass  and retain current education and regulation
<b>Facilities, landfill</b> For all programmes continue to ensure facilities retain consent compliance. All programmes except programme 2 continue with Council providing the Victoria Flats landfill and transfer stations in Wanaka and Wakatipu.	Continue to check and maintain resource consent compliance at all waste handling facilities and closed landfills for which it holds resource consents	Y	Y	Y	Y	Y	Y	Y
	Continue to monitor the capacity of available landfills and search for alternative disposal options should the capacity decrease below a safe future-proof level	Y	Y	Y	Y	Y	Y	Y
	Continue with the waste disposal services provided at the Victoria Flats landfill	Y		Y	Y	Y	Y	Y
	Continue to provide a refuse transfer station that include resource recovery facilities in Wakatipu and Wanaka	Y		Y	Y	Y	Y	Y
	Investigate introduction of differential pricing tools to increase diversion at both the landfill and transfer station facilities (either through Council advertised fees and charges or by influencing site operator)			Y	Y	Y	Y	Y
	Operate the transfer station and recycle centre facilities through a contractual agreement that optimises the separation of diverted material in terms of quality and the cost of providing the service			Y	Y	Y	Y	Y
	Investigate reconfiguring both the Wakatipu transfer station and Wakatipu recycling centre layouts to encourage drop-off of reusable and recyclable materials before disposing of residual waste and improve throughput capacity				Y	Y	Y	Y
<b>Hazardous waste</b> For all options except programme 2, continue with current provision of hazardous waste drop off plus agrichemical and e-waste services where affordable and practical.	Provide facilities at Council transfer stations for domestic quantities of hazardous waste, including batteries and oil	Y		Y	Y	Y	Y	Y
	Provide drop-off facilities at the Council transfer stations for e-waste to an extent that they are affordable and complement national schemes or services	Y		Y	Y	Y	Y	Y
	Provide drop-off facilities at the Council transfer stations for agrichemicals to an extent that they are affordable and complement national schemes or services	Y		Y	Y	Y	Y	Y
	Investigate if a policy or bylaw is required for the management of health care waste (in line with communications strategies by neighbouring councils)			Y	Y	Y	Y	Y
<b>Public place wastes</b>	Continue to provide public litter bins for waste in accordance with Council's responsibilities under the Litter Act (1979). Review bin type and cleaning frequency as required	Y	Y	Y	Y	Y	Y	Y
For all options, continue to provide litter bins and complement with provision of public recycling bins where affordable and practical. Programme 2 would discontinue public recycling bins.	Provide public recycling bins alongside litter bins where practical and cost effective	Y		Y	Y	Y	Y	Y

Strategic Options	Intervention options	Programme Options						
		Programme 1	Programme 2	Programme 3	Programme 4	Programme 5	Programme 6	Programme 7
		Status Quo	Do Minimum  Provide minimum level of service to minimum legal requirements	More influencing  Continue with current refuse and recycling collections and waste facilities  but increase education and regulation	More services  Provide more waste minimisation services and facilities  and retain current education and regulation	Full council service  More waste minimisation services, facilities, education and regulation council providing full service supported by education and regulation	Focus on organics and glass  Provide more waste minimisation services and facilities that target organics and glass  and retain current education and regulation	Focus on C&D and glass  Provide more waste minimisation services and facilities that target C&D and glass  and retain current education and regulation
<b>Visitors</b> Continue to provide waste minimisation information to visitors for all programmes except programme 2. Under programmes 3 and 5 Council would extend support to promote waste diversion. Under programmes 4 and 5 Council would invest in additional recycling drop off facilities for tourists.	Continue to prepare a document for visitors that explains waste minimisation opportunities and consumer responsibilities	Y		Y	Y	Y	Y	Y
	Continue to install drinking water fountains to encourage refill/reuse of drinking vessels and reduce plastic bottle waste	Y		Y	Y	Y	Y	Y
	Use additional languages to English to aid in communication and education of waste disposal and management	Y		Y	Y	Y	Y	Y
	Investigate customer centric technology solution targeted at visitor waste minimisation. This would be a first in New Zealand and could be worked on in collaboration with other councils.			Y	Y	Y		
	Provide behaviour change programmes, either by Council alone or on a regional basis, working with the tourism industry / service providers			Y		Y		
	Promote and facilitate waste minimisation and resource efficiency initiatives targeting the local commercial and industrial and institutional sectors that service the tourism sector			Y		Y		
	Work with the private sector to extend commercial recycling services to businesses in the tourism sector			Y		Y		
	Introduce local waste levies to spread the cost of providing waste services more equitably between residents and business servicing the tourism sector			Y		Y		
	Support "on the road" programmes that inform freedom campers of waste disposal access in the district			Y		Y		
	Investigate providing additional drop off facilities easily accessible for tourists for recyclables e.g. glass, cans				Y	Y		

Table 5 Waste management and minimisation programme business case – Evaluation and Ranking

			Programme 1	Programme 2	Programme 3	Programme 4	Programme 5	Programme 6	Programme 7
<b>Outcome:</b> <b>Vision: Towards zero waste and a sustainable district</b> <b>Goal 1: Improving the efficiency of resource use</b> <b>Goal 2: Reducing the harmful effects of waste</b>			Status Quo	Do Minimum  Provide minimum level of service to minimum legal requirements	More influencing  Continue with current refuse and recycling collections and waste facilities  but increase education and regulation	More services  Provide more waste minimisation services and facilities  and retain current education and regulation	Full council service  More waste minimisation services, facilities, education and regulation council providing full service supported by education and regulation	Focus on organics and glass  Provide more waste minimisation services and facilities that target organics and glass  and retain current education and regulation	Focus on C&D and glass  Provide more waste minimisation services and facilities that target C&D and glass  and retain current education and regulation
		Relative Importance of objective	What is achievable if implemented	What is achievable if implemented	What is achievable if implemented	What is achievable if implemented	What is achievable if implemented	What is achievable if implemented	What is achievable if implemented
Investment Objective 1	Provide and support opportunities to minimise waste through reduction, reuse, recycling and recovery (in priority order)	25%	Partial	No	Partial	Yes	Yes	Yes	Yes
Investment Objective 2	Educate and support generators (residents, visitors, and businesses) with options and responsibilities	25%	Partial	No	Yes	Partial	Yes	Partial	Partial
Investment Objective 3	Avoid or mitigate any adverse effects on public health or the environment	25%	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Investment Objective 4	Provide effective and efficient waste minimisation and management services supported by the right funding mechanisms	25%	Partial	Partial	Partial	Yes	Yes	Yes	Yes
Cost									
Investment cost (Range)			\$	\$	\$	\$\$\$\$	\$\$\$\$\$	\$\$\$	\$\$\$\$
Operational costs if significant (Range)			\$\$ contracts	\$	\$\$ staff	\$\$\$\$ staff & contracts	\$\$\$\$\$ staff & contracts	\$\$\$ staff & contracts	\$\$\$\$ staff & contracts
Implementation timeframe (short, medium, long term)			Short	Medium	Medium	Long	Long	Medium-Long	Long



Outcome: Vision: Towards zero waste and a sustainable district Goal 1: Improving the efficiency of resource use Goal 2: Reducing the harmful effects of waste			Programme 1	Programme 2	Programme 3	Programme 4	Programme 5	Programme 6	Programme 7
			Status Quo	Do Minimum Provide minimum level of service to minimum legal requirements	More influencing Continue with current refuse and recycling collections and waste facilities  but increase education and regulation	More services Provide more waste minimisation services and facilities  and retain current education and regulation	Full council service More waste minimisation services, facilities, education and regulation council providing full service supported by education and regulation	Focus on organics and glass  Provide more waste minimisation services and facilities that target organics and glass  and retain current education and regulation	Focus on C&D and glass  Provide more waste minimisation services and facilities that target C&D and glass  and retain current education and regulation
Benefits									
1	KPI 1	Reduced waste to landfill (T/yr)	✖	✖	✓	✓✓✓	✓✓✓	✓✓	✓✓
2	KPI 2	Increased diversion from landfill (T/yr)	0%	24% incr waste to landfill	5% decr waste to landfill	25% decr waste to landfill	29% decr waste to landfill	19% decr waste to landfill	22% decr waste to landfill
3	KPI 5	Reduced nuisance notices and complaints	✓	✓	✓	✓	✓	✓	✓
4	KPI 6	Resource consent compliance (%)	✖	✖	✓	✓	✓	✓	✓
5	KPI 7	Improved satisfaction with service (%)	✓	✓	✓	✓✓	✓✓✓	✓✓✓	✓✓
Indicative Programme Profile			<1 year Ongoing <i>implementation of status quo.</i>	1-3 years to exit service provision.	1-3 years to employ staff and commence new initiatives.	6+ years to implement full suite of new services.	6+ years to implement full suite of new services plus education and regulation initiatives.	3-6 years to implement new organics service.	6+ years to implement new C&D facility.
Ranking			6	7	5	2	3	1 – More achievable, earlier implementation, cost effective, aligns with other strategies e.g. sludge disposal, aligns with stakeholder delivery vision, delivers reduction to landfill, lower operational costs	4



### 5.2.3 Waste stream projections

Based on the options identified in the PBC in Table 4 and population growth, anticipated waste and diverted material is expected to increase over the next 10 years.

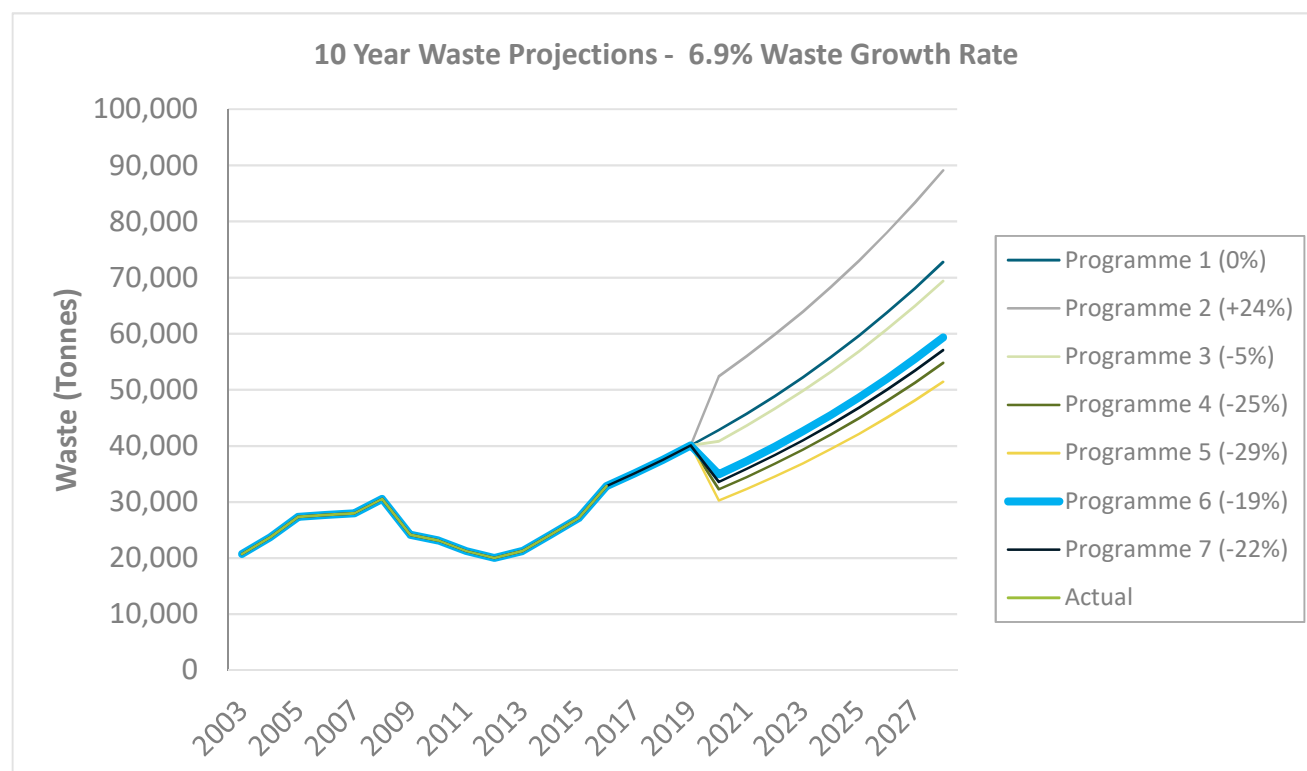


Figure 8 Waste stream projections

Figure 9 shows the 10 year waste projections assuming a 6.9% growth rate and the different waste diversion rates anticipated from the interventions proposed for each programme. The status quo will not result in any improvement in Council achieving its vision, objectives and targets. Only Programmes 4-7 show any real measurable reduction in waste of the seven PBC options, with the preferred Programme, Programme 6, having a 19% reduction in waste when looking towards 2027.

## 5.3 Medical Officer of Health statement

Public Health South notes that this plan is for the next 6 years and that growth is predicted to continue in QLDC. The vision is “Towards zero waste and a sustainable district” and the Council states it has adequate landfill facilities available for disposal of waste for the next 20+ years, however, this may change should growth rates change. Enhancing waste minimisation practices, such as diversion of recyclables and better re-use of organic material, along with education, is crucial for longer-term sustainability, population wellbeing and protection of public health over the period of the plan.

## Appendices

## **Appendix 1 – 2016 Analysis of the Composition of Solid Waste in Queenstown Lakes District**

Please see separate document available on QLDC's website

Filename: Solid Waste Analysis Protocol 2016.pdf

## Appendix 2 – Council and commercial services and facilities

Waste hierarchy position	Council provided	Bin/bag sizes/infrastructure/frequency	Urban/rural	Funding	Provider
<b>Reduce</b>	Council	<ul style="list-style-type: none"> <li>Waste minimisation education/initiatives and programmes including: <ul style="list-style-type: none"> <li>Enviroschools programme</li> <li>Love Food Hate Waste campaign</li> <li>Waste Free Parenting</li> <li>Dr Compost</li> </ul> </li> <li>limited environmental education through Council officers' discussions with all sectors of the community</li> <li>by monitoring public opinion on waste issues and responding accordingly</li> <li>through information on Council's website, e.g. Waste Management and Minimisation Plan</li> </ul>	Urban/rural	Targeted rate Waste levy	<ul style="list-style-type: none"> <li>Council under contract</li> <li>Council staff</li> </ul>
<b>Reuse</b>	Council Non-Council	<ul style="list-style-type: none"> <li>Reuse shops, second-hand shops etc.</li> </ul>	Urban	User charges	<ul style="list-style-type: none"> <li>Council under contract</li> <li>Commercial/charities/community groups</li> </ul>
<b>Recycle</b>	Council	<ul style="list-style-type: none"> <li>Wheelie bins – Wanaka Ward nominal 65L and Wakatipu Ward 140L and 240L</li> <li>Weekly kerbside recycling collection <ul style="list-style-type: none"> <li>Wakatipu - recycling collection service provided to eligible residential properties in Queenstown, Glenorchy, Arrowtown, Lake Hayes and Kingston</li> <li>Wanaka – recycling collection service to eligible residential properties in Wanaka, Albert Town, Makarora, Hawea and Luggate</li> </ul> </li> <li>Provision and servicing public place recycling bins</li> </ul>	Urban/rural	Targeted rate General rate	Council under contract

Waste hierarchy position	Council provided	Bin/bag sizes/infrastructure/frequency	Urban/rural	Funding	Provider
<b>Recycle</b>	Council	<ul style="list-style-type: none"> <li>Transfer stations - Frankton (Queenstown) and Wanaka – accept sorting and storage of recyclable material, public drop off facilities and green waste <ul style="list-style-type: none"> <li>Wakatipu Transfer Station owned by Council and operated under contract by AllWaste - drop off facilities for recyclable materials (green waste drop off and disposal of general waste) -separated greenwaste is shredded and used as mulch on Council parks and reserves</li> <li>Wanaka Transfer Station site owned by Council and operated under contract by AllWaste – drop off facilities for recyclable materials (green waste drop off and disposal of general waste)</li> </ul> </li> </ul>	• Urban/rural	General rate User charges	Council under contract
<b>Recycle</b>	Council	<ul style="list-style-type: none"> <li>Supply and service of rural recycling drop off facilities: <ul style="list-style-type: none"> <li>Wakatipu – weekly recycling collection service in rural areas from one collection point at Gibbston Valley</li> <li>Wanaka - twice weekly collection service in rural areas from three collection points (Off peak in Hawea is twice a week, Dublin and Maungawera are once per week. In peak times Hawea is 7 days a week, and at least twice per week for Dublin and Maungawera).</li> </ul> </li> </ul>	• Rural	General rate	Council under contract
<b>Recycle</b>	Council	<ul style="list-style-type: none"> <li>Wakatipu Recycling Centre - Material Recovery Facility operated under contract by Smart Environmental <ul style="list-style-type: none"> <li>Accepts kerbside-collected recyclables from council collections Co-mingled recyclables are sorted using a combination of mechanical equipment and manual sorting</li> <li>Accepts recyclable material from private recycling services for both the residential and commercial sectors</li> <li>Accepts kerbside-collected recyclables from council collections in the Central Otago District</li> </ul> </li> </ul>	• Urban	General rate User charges	Council under contract
	Non Council	<ul style="list-style-type: none"> <li>Consolidates separated recyclables and arranges transport to processing facilities in New Zealand and overseas.</li> </ul>	Urban/rural	User charges	Commercial

Waste hierarchy position	Council provided	Bin/bag sizes/infrastructure/frequency	Urban/rural	Funding	Provider
<b>Recycle</b>	Non-Council	<ul style="list-style-type: none"> <li>Private collection services for refuse and recycling for residential and commercial customers, including wheelie bins, bags, cages. Skip bin services for construction and demolition waste.</li> </ul>	Urban/rural	User charges	Commercial e.g. Wanaka Waste busters and Smart Environmental
<b>Recovery</b>	Council	<ul style="list-style-type: none"> <li>Promotion of home composting</li> <li>Rural greenwaste drop off points in Glenorchy, Kingston, Luggate, Hawea and Makorara</li> </ul>	Urban	User charges General rate Levy	Council under contract
<b>Recovery</b>	Non-Council	<ul style="list-style-type: none"> <li>Drop off greenwaste acceptance for composting.</li> </ul>	Urban	User charges	Commercial e.g. Wanaka Green Waste Depot
<b>Treatment/disposal</b>	Council and Non-Council	<ul style="list-style-type: none"> <li>Hazardous waste drop off services for residential quantities of hazardous waste at the Wakatipu and Wanaka transfer stations prior to transportation for treatment and/or disposal</li> <li>Council support for promotion of commercial sector hazardous waste initiatives</li> <li>Commercial providers collect large quantities of hazardous waste for treatment and/or disposal</li> </ul>	Urban/rural	General rate User charges	<ul style="list-style-type: none"> <li>Council under contract</li> <li>Commercial e.g. Waste Management, 3R, AgRecovery</li> </ul>
<b>Treatment/disposal</b>	Council	<ul style="list-style-type: none"> <li>Biosolids disposal / processing <ul style="list-style-type: none"> <li>Council progressing a vermicomposting trial at the Victoria Flats landfill</li> </ul> </li> </ul>	Urban	General rate	Commercial
	Council	<ul style="list-style-type: none"> <li>Inorganic collections - Annual inorganic collection in Glenorchy, Biannual in Makarora, Twice yearly in Kingston</li> </ul>			

Waste hierarchy position	Council provided	Bin/bag sizes/infrastructure/frequency	Urban/rural	Funding	Provider
<b>Disposal</b>	Council	<ul style="list-style-type: none"> <li>• 30L and 60L council approved refuse bag, and 120L and 240L wheelie bins</li> <li>• Weekly kerbside collection               <ul style="list-style-type: none"> <li>– service provided to Queenstown, Glenorchy, Arrowtown, Lake Hayes, Kingston, Wanaka, Gibbston, Albert-Town, Hawea, Makarora and Luggate</li> <li>– twice daily collection of refuse in the Queenstown CBD</li> <li>– daily collection refuse from the Wanaka CBD</li> </ul> </li> <li>• Rural refuse collection points               <ul style="list-style-type: none"> <li>– weekly collection of waste in rural areas from four collection points at Gibbston, Hawea, Dublin Bay and Maungawera</li> </ul> </li> <li>• Refuse collected is taken to Victoria Flats Landfill for disposal</li> </ul>	Urban/rural	User charges	Council under contract
<b>Disposal</b>	Council	<ul style="list-style-type: none"> <li>• Provision and servicing of litter bins and removal of illegal dumping</li> </ul>	Urban/rural	Targeted Rate General Rate	Council under contract
<b>Disposal</b>	Non-Council	<ul style="list-style-type: none"> <li>• Wheelie bins, gantry bins, truck loads etc.</li> <li>• Kerbside/on -property services for non-eligible properties</li> <li>• Collection and transportation of waste for disposal to Wakatipu and Wanaka Transfer Stations and Victoria Flats landfill</li> <li>• Collection (from Central Otago District) and transportation of waste for disposal to Victoria Flats landfill</li> </ul>	Urban/rural	User charges	Commercial
<b>Disposal</b>	Council	<ul style="list-style-type: none"> <li>• Victoria Flats landfill – owned by Queenstown Lakes District Council, operated by SCOPE under Build Own Operate and Transfer contract. Accepts waste from the Queenstown Lakes and Central Otago Districts.</li> <li>• Consented to 2029</li> </ul>	Urban/rural	User charges	Privately operated /Council under contract
<b>Disposal</b>	Non-Council	<ul style="list-style-type: none"> <li>• Clean fills</li> </ul>	Urban/rural	User charges	Commercial

Waste hierarchy position	Council provided	Bin/bag sizes/infrastructure/frequency	Urban/rural	Funding	Provider
<b>Disposal</b>	Council	<ul style="list-style-type: none"> <li>Monitoring and maintenance of nine closed landfills <ul style="list-style-type: none"> <li>Tucker Beach, Wanaka, Glenorchy, Hawea, Kingston, Makarora, Luggate, Albert Town and Warren Park.</li> </ul> </li> <li>Closed landfills require resource consent environmental monitoring and aftercare</li> <li>Otago Regional Council discharge permits are in place for these.</li> </ul>	Urban	General rate	Council under contract



# ADELE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

# AGNESA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

No

Q. Would you use collection services if they were available to you?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

# ALEJANDRL

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Please provide any further comment here:

Glass should be recycled too. Only organics to landfill

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I'd use a mainly a garden waste collection given that some of the garden waste takes to long to compost and sometimes is more bulky than food or just grass

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Anything we can do as citizens to make of Queenstown a better place to live, we should do it, that includes having a better recycling program.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

There's not much promotion for zero waste, facebook and other social media could have a bigger impact on young people's way of treating waste.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Ban construction methods such as poliestirene blocks, they generate a lot of waste that easily blows away and contaminates lakes, rivers, etc.

Keep a closer eye to construction waste and promote recycling in the industry too.

# ALESSIA BIBBY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

It is absolutely disgraceful that glass most people naively put in their recycling bin ends up in landfill

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We compost at home

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

It is unacceptable that glass is currently put in landfill.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

There is simply not enough focus on this extremely serious issue.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

The option to recycle e waste in Queenstown - I am aware that Queenstown are supposed to offer the option (which is then collected by Wanaka Wastebusters to recycle) but when my husband tried he was not given this option by staff and was told the only option was landfill.

We took our e waste to Wanaka the next time we were over the hill to recycle and the Wanaka Wastebusters team were very unimpressed to hear that Queenstown were not offering the option as they should be - as were we.

Queenstown should be leading the way but choosing the cheap option for recycling at the last tender was a false economy that has only served to disillusion members of the community and make us lose our faith in recycling/waste minimisation options on offer.



Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Stop focusing on money - as a community we should be doing all we can to improve our environment. The amount of waste that could be diverted from landfill is incredible - QLDC need to take responsibility and start making some drastic changes to improve the options available.

# ALETHEA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# ALEX JAMIESON

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I think kerbside glass and organics recycling should be available in the Wakatipu Basin. There should be more effort going into the sustainability and management of the environment we live in. I think the long term goal of zero waste is ambitious, but it is what we should be working towards, in order to preserve the pristine environment we currently live in. More initiatives like this should be implemented to educate people regarding waste and its impact on the environment.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I think this should be available for people to use, in order to split the organic and inorganics before going to landfill. This could be used for composting and various other uses.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Glass recycling is so simple yet it is not readily available for people to utilise. This should most definitely be implemented, in order to use the glass "waste" for recycling and reusing purposes.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Education is definitely important in the minimisation of waste, and the enhancement of recycling and reusing various items. The more we know, the more we can do about the situation, and actively change the way we live.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

This would be great, in order for larger items to be recycled and reused by others. Whiteware, furniture, household items etc should be included in the QLDC transfer station.

# ALICIA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. If you don't use the transfer stations please let us know why:

No car

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Less expensive blue bags for waste

# ALISON WOOD

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

But would like to see glass sorted by colour

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

As a single occupant of house would be easier for me



Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Critical we get glass recycled

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Must get public awareness increased

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes - align with Wanaka wastebusters

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Please take a leadership role on this - QLDC should be a role model

# ALISON

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I have a worm farm but it is too much trouble and there are too many types of food the worms won't eat.

I resent having to pay to drop off garden trimmings at the transfer station when I know the waste will be mulched and SOLD.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Free electronics recycling.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes.

# ALISON

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

# ALLAN BIRKETT

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I make use of the council subsidy and compost at home

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Hazardous waste

Q. Are there any services not currently offered at transfer stations that you would like to see?

Battery disposal?

# ALLWASTE

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. I'm giving feedback as an:

Organisation

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

# AMANDA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

The sooner the better. Reducing landfill should be a top priority Crushed ng glass and using for Trails should also be discussed. Adding more public recycled ng bins and making a stand on being plastic bag free encouraged Try hard also to reduce plastic water bottles used by so many tourists by have ng more fountains and maybe Queenstown re usable water bottles.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

It would be great to have a community mitt compost system as well as making it compulsory for commercial kitchens to have a food mulching system like Mancino at skyline maybe council funded system ? Look at what others in NZ are doing with regards to all food waste

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

We don't want you his going into the land for any longer than need be. Crush it !

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Enviro in schools should be compulsory at all schools

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Safe battery disposal and e waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Do it quickly. High priority !!

# AMANDA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

There needs to be more, especially with the amount of foreign tourists

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Look at other resort towns around the world and see what amazing sustainability and recycling programs they have to offer. This problem is bigger than just recycling, we need to cut out the actual manufacturing and use of plastics and other harmful materials; no more plastic bags, straws, etc.

# AMY WILSON-WHITE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

A large portion of our household waste is compostable but we are lacking the skills and time to compost it at home. I would be hugely supportive of kerbside collection of compostable material

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Currently recycling glass at supermarket collection points which is no trouble

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

It is frustrating and disappointing to see people using single use plastic bags for no reason in supermarkets. I think our visitors need the most education in this space

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes! Wanaka Wastebusters is super inspiring!

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Education is key!



Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We compost, maybe that could be focused on also?

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Garden only, yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

# ANDREA CAMMELL

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Ban all plastic bags

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Definitely keen but also ban all plastic bags

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Great idea but also ban all plastic bags

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Great initiative but also ban all plastic bags

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes re purposed, sold, recycled

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Yes please ban all plastic bags from the queenstown area. They are not needed and we can be one of the leading regions in the banning of plastic bags!

# ANGUS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Council should put much effort to achieve zero waste and also waste prevention

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

We should introduce refill system for the beverage company

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Education is never ended, just like normal education

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Wanaka busters is going a great job and community base, council should support them

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

QLDC is not doing enough on waste prevention and recycling, I am disappointed to the council

# ANNA BURROUGHS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

More glass recycling banks and every house to have a green bin

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Great idea as we currently have to take grass cutting to the dump

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Anything to recycle

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Ban plastic bags

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes! Re-sell good items that can be reused

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Provide every house with a green bin and landfill bin and get rid of blue bin bags



Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Are kerbside collection services available in your area?

No

Q. Please provide any further comment here:

a good start, bottle deposit scheme could be a part of this picture and would certainly be of help in this focus.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

i deal with my own waste at home completely

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

anything to stop glass going to landfill will be good

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

public need to see that everyone needs to change habits that have been created in a convenience driven society. money and convenience are not the bottom line when it comes to a future fit for living.

Q. If you don't use the transfer stations please let us know why:

i currently live outside of QLDC

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

As well as carrying on with plastic and cardboard recycling

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

If there would be a kerbside collection of organic rubbish available in would be more than happy to use it.

Back home we have had this kind of service for over 10 years and the entire community is benefiting of it

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I'm more than happy to wash myself glass bottles before placing them in the recycling bin as long as after they get properly recycled from the council

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I think that more individuals as well as business should become aware about recycling procedure

Q. If you don't use the transfer stations please let us know why:

cause I do not own a vehi

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Sure

**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

It is important that the collection point are accessible also for people without a vehicle. The location of the bin should be both in the town center and in the residential areas

# ANNABEL RILEY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We need to have a better education and incentives to reduce waste especially in the building industry.

# ANNIKA GRANT

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We do home composting and mulch our larger garden waste.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

more visitor education required.

Also educational facility at the transfer/recycling station would be good.

Public needs to be educated about the damage contaminated recycling does.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Are there any services not currently offered at transfer stations that you would like to see?

educational facility

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Better collaboration with CODC to align goals for waste minimisation/landfill usage. Sewage sludge disposal options. Trucking to Southland is not sustainable and is exporting waste into another district.

Centralized drying facility for all sewage sludge produced across the district and CODC could be an option.

Keep up the good work on the waste minimisation front!



# ANTHONY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. If you don't use the transfer stations please let us know why:

Use kerbside, in addition to plastic at supermarkets, and just started with glass at supermarkets, now I know not done via kerbside

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

yes

# ANTON SCHMITZ

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

Probably not regular use as we compost at home and dispose of most green waste as well. Given it is fairly easy to recycle most organic waste on the property it seems like a kerbside collection for organics would be less efficient than promoting on site recycling. For instance offering small shrub clearance and/or mulching as a subsidised service might be more appealing for many residents who have space on their property for compost/mulch or other green matter decomposition and only require this 'extra help' sporadically during the year.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Sending glass to landfill seems expensive and inefficient and should be minimised. However given the distance to recycling and heavy nature of glass schemes to reuse it within the district need to be investigated as well

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I think there could be more noise made about this issue.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

as per below

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

yes - better opportunities to re-use or sell items could be made, for instance offering education or guidance on fixing appliances such as whiteware, making these more available for removal by expressly encouraging it.

**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I think making manufacturers or retailers of packaging products more responsible for their end of life has been shown to work overseas. Localised re-use should be encouraged by funding ventures in this area.

# ANTONIA DAVISON

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

would love to be able to have garden and food waste collected as long as it wasn't too expensive and was disposed of correctly

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

happy to separate glass and have a separate bin

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

teaching in schools how to recycle is a great idea

Q. If you don't use the transfer stations please let us know why:

too far away from my home

Q. Are there any services not currently offered at transfer stations that you would like to see?

food waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

yes

# AROHA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

emphasis should be on removing plastics and minimising their use in the area in general, not just stopping them from going to landfill. recycling of glass is good but reusing is better.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes



Q. Please explain your above answer:

i would put out my garden waste to kerbside and try to compost my food waste, unless council was prepared to create a compost for the area to use

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

but i would prefer to see more re-used. people need to get over the germ phobia and see that this is better for the environment.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

empower people to reuse things and to use minimal waste packaging. encourage using no plastic bags, and self refilling.  
also, everyone knows the council doesn't recycle anyway, so at the moment no one really cares. until the council starts to recycle properly, you won't get the community fully behind you

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

yes

## B. ROGERS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Though plastics should not be ignored!

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

I am trying to do home composting, but I live in an apartment with no garden. We have many pine trees behind our apartment and this is the only area we can attempt to compost organic waste - it's a slow process. Because we have no garden, we will need to give this compost away - I'd hope a kerbside collection would mean materials are composted and given to someone who can use them.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

All glass should be reused or recycled. It's disgraceful to know that much of the glass put in recycling bins goes straight to landfill and I believe this has contributed to a negative attitude towards recycling in the region which will be hard to overcome.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

I've seen very little community education about recycling and waste minimisation. All of the information I have has been through my own research. I know many people are still unclear as to what plastics and other materials can and cannot be recycled - this confusion is then being passed on to visitors and seasonal workers.

### Q. If you don't use the transfer stations please let us know why:

I was not aware of many of these services. I also reuse or repurpose as much as I can anyway.

### Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes. Lots of great examples overseas of these stations also being used to educate people on how to build, engineer and repurpose many items - so the station becomes educational and recreational as well as receding waste!

**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Moving towards a zero waste community is a great idea. I believe more education would really help with this.

# BEN ACLAND

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I don't believe there has to be a FOCUS. Program 5 would be better, longer yes, harder yes, but the outcome is in line with ZERO WASTE. Program is "moving toward zero waste" kinda sorta marketing speak.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

Home composting is great but not everyone will get into it. Most NZ houses are too cold to keep them working, and if you are not a green finger then the result is going to be poured down the drain or into the water-table.

It would be much more efficient to collect kerbside for the whole community and sell back the produce.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

I want to say NO. Why, there should not need to be a change, QLDC has made a mess of the recycling contract and Smart Environmental is taking us for a ride. But YES we do want 100% of glass recycled.

Simple solution is get Waste Busters back running collection.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Program 5.

Also refer glass question. If public were aware that glass was not being recycled you would have had a change in behavior and better / cleaner recycling.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Other [please explain]

### Q. Are there any services not currently offered at transfer stations that you would like to see?

e waste.

Currently this is going to Land Fill in Victoria site. NOT GOOD.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Waste Busters already does this.

Q. Please explain your above selection of 'other':

Our family supports Waste Busters.

We use QLDC for green waste.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Tax tourist. Bed nights.

Reduce takeaway container, make region PLASTIC FREE.

Make non-recyclable material illegal, or simply the responsibility (cost) to the company selling. Phillips light bulbs are terrible, if these are going to continue to be sold at Mitre 10 then they should be returned to Mitre 10 and the waste paid for not dumped.

Add water dispensers around town. Sell re-usable water containers, could even brand them with Queenstown Lakes and make money off them...

# BEN ROTTO

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

QLDC Is not doing enough to promote recycling and while we need to bring added focus to glass and organics, more needs to be done with the rest of the waste stream, particularly from commercial business and construction waste and recycling. The target should be zero waste to landfill, with maximum recycling and a waste to energy scheme, turning any non recyclable material into electricity to power the local community.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes



Q. Please explain your above answer:

No one likes to send waste to landfill, particularly material which so easily could be re-used or have a positive impact elsewhere. Having a centralised composting facility would over the medium to long term be economically and financially viable. Providing financial boost to the local council long term whilst reducing the environmental impact of the district. Subsidies of this kind bring little back in a investment sense.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

No brainer - the fact that its taken this long is ridiculous

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Education is important so the community can understand and get behind the projects.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Electronic and whiteware drop off days and recycling stream

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely.

# BEN TEELE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

But strong need to further recycle plastics. Glass comparatively is a relatively inert substance, and focus should be on removing plastics which take so long to degrade from our waste streams.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We have our own home composting system.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Glass has been recycled for a long time, and more should be done to remove it from just being thrown out. Money should be spent where required to make this happen.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Over the last 20 years, there has been a comparative lack of community involvement and education on waste minimisation. Recent community efforts have provided some gains, but a lot more needs to be done by council to educate everyone, particularly businesses and recent arrivals. So much is thrown out that could be recycled. Queenstown should aim to provide an exemplar for how to recycle and minimise waste services. A lot more could be done with signage, appropriate bins, and in particular reducing waste products as point of use.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes.

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Queenstown has the opportunity to significantly increase its ability to reduce the waste stream. Getting local business owners and accommodation providers on is crucial. Building a social conscious around the issue is also very important, as it then percolates through all aspects of the community and saves a lot of money. We cannot continue to throw out as much as we currently are.

# BEN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

All recyclable waste should be managed

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

There is no advertising of such subsidies that I am aware of. Visible roadside advertising and social media advertising would change this for a small cost

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Especially within the Queenstown region, there are a huge amount of tourist workers. Recycling seems to vary hugely from country to country so people are at a loss as to what to recycle here. Education is key

Q. If you don't use the transfer stations please let us know why:

I don't use transfer stations as I try to live as waste free as possible. I believe there are better way to dispose of my waste

Q. Are there any services not currently offered at transfer stations that you would like to see?

Soft plastics

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Without a doubt. Moving to a new town for some can be expensive. We currently rely on Queenstown Trading as a best option but if there was second hand whiteware etc people would not live in the squalor which landlords are currently happy with

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

A separate box/container solely for glass. This makes the public do some of the work for you without it being back breaking. Ensuring by 2020 every house has access to either a compost box or in a flatting situation a service which collects solely organic waste with clear instructions as to which waste is accepted. More free recycling points such as bottle banks and cardboard drop off points (potentially in supermarket car parks). More soft plastic drop off points. A monthly service where the recycling centers pick up pre-loved whiteware and furnishings. A push on supermarkets to use as little plastic packaging as possible on organic products. Larger fines for litter. Public backing of charities and organisations which are spending their own time and money in helping the local environment with waste management. Fund and awareness events to educate people in the need to recycle (there are some of the best PR/marketing/event professionals in this town waiting to help).

# BRAD DOWMAN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Wakatipu Wastebusters please - just like Wanaka.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Wakatipu Wastebusters please - just like Wanaka.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Great that something is finally happening in the district. More information, encouragement and action is long overdue. People are keen, more aware and Council need to support this and make it easy for people.  
Thanks for finally getting onto this

# BRIAN HOGG

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Please include plastics in the future

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

no explanation needed, makes sense!!!

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Are there any services not currently offered at transfer stations that you would like to see?

Battery recycling/disposal (domestic not car)

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

The more the better.

# BRIDGET

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I have worm farm, compost and chooks to deal with my organic  
BUT

I think for other people to deal with garden and food waste this is a must have!

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I am happy to separate and clean glass to recycle

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Had a problem where it was more expensive to recycle a printer and a tv than it was to put in landfill, that shouldn't be but I understand why.

# BRONWYN CRUICKSHANK

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

No

Q. Please provide any further comment here:

Whilst I appreciate the importance of focusing on glass and organics, I believe there should be a strong focus on reducing construction/industry waste responsible for 34% of the total (Timber 18.9% + Rubble 15.3%). With the rate of construction in this region, this is a frightening problem! Perhaps incentives should be offered to building and construction companies to prevent them from producing the waste in the first place.

Q. Would you use collection services if they were available to you?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

The subsidised home systems are a fantastic initiative and I am in full support of their longevity!

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

This absolutely HAS TO HAPPEN!!

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I believe this is the MOST IMPORTANT factor of all and should have a SIGNIFICANT increase in funding. Education is the most powerful tool. This could be funded by increasing the 'user pays' schemes. If people are being fed education around minimisation at the same time as having to pay significantly more for their waste disposal, they may just start to respond. Alternatively, the frequency of rubbish collections could be reduced (to say fortnightly), the cost savings of which be pumped into education around minimisation.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Are there any services not currently offered at transfer stations that you would like to see?

I don't remember seeing Polystyrene recycling facilities anywhere.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Businesses MUST be incentivised to offer their goods and services packaged in responsible materials or better yet.. with no packaging whatsoever!! Responsible and conscious consumers must also be rewarded (and celebrated). Can we as a community learn and teach our own to frown upon unnecessary waste production, irresponsible and unconscious behaviour and habits (in the same way that 'drink driving' is now considered taboo and stigmatised within society). There is nothing cool about opulent and careless living at the expense of Mother Earth and our beautiful landscapes. Education and advertising to reset consumers mentality's (which can be passed from generation to generation) would be the best investment of all!!!!

'REFUSE' should be added to the top of the waste minimisation hierarchy. Every piece of plastic ever made is still present on this planet, the concept of 'recycling' just enables people to feel good and/or responsible about all the unnecessary waste they are producing.

I believe it's not possible for homeowners to get a recycling bin until their build has received its Certificate of Code Compliance (CCC). There are hundreds, perhaps even thousands of dwellings in the area without CCC who are forced to put their usually recyclable waste into rubbish bags. This is obviously incredibly counter productive. I think this should be reviewed.



# BRONWYN YOUNG

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We have composted for years but difficult and expensive getting rid of green waste which may be innovatively recycled into saleable mulch

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

If we are forced to buy goods in stuff this way there needs to be way to ensure it does not create further problems and that it can be morphed into something else useful, like road aggregate etc

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Not everyone understands that they have personal responsibility for their consuming and dispensing

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

What does Wanaka under the same Council appear to be more proactive with attitudes to waste?

# BRUCE AND ALISON HEBBARD

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Waste Management

We request council introduce a three bin waste management system as provided by many South Island Local Authorities. The zero waste ideal put forward at the time of the last long term plan is no closer to happening now as when it was proposed around 2008.

Having a three bin system does not necessarily mean it will encourage more waste but will channel waste currently going to the landfill to alternate use. If it is still desirable to separate glass from other recyclables (as is the current practise in Wanaka), two recycling bins can be deployed or the current black bins can be used for glass and a wheelie bin provided for other recyclables. It may be possible to introduce fortnightly cycles for collection of recyclables refuse and garden waste. We will be making a more detailed submission to the waste minimisation and management plan.

# BRUCE AND ALISON HEBBARD

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Waste Collection should be included as a total package

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We compost for our garden but there is at times organic waste we cannot use

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

It is already happening in Wanaka so it can happen elsewhere

Q. Would you like to see more information and education about recycling and waste minimisation?

No

Q. If you don't use the transfer stations please let us know why:

We manage with recycling and our wheelie bin

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Please disregard the earlier submission as it was incomplete

Submission to the Waste Minimization and Management Plan

It is clear that the Queenstown Lakes District Council's (QLDC) waste management collection system has failed to achieve its ambitious targets set in 2008 and that changes are needed.

We support Council's proposed and existing kerbside re-cycling and organic waste collection but believe it falls short of the community's needs and expectations. General waste collection should be included in the proposed revamp.

The ideal collection system would be a three or four wheelie bin system. This could be a green lid bin (240 litres) for organics, a red lid bin (120 litres) for waste, a yellow lid bin (120 litres) for recyclables and a blue lid bin (120 litres) for glass. Alternately the current black bin (currently in use in Wanaka) could be utilized for glass but the disadvantage of this is it would not be able to be lifted into the truck by mechanical means as wheelie bins are.

Having a three or four bin system does not necessarily mean it will encourage more waste going to the landfill but will channel some waste (especially organics) currently going to the landfill to alternate use. It may be possible to introduce fortnightly cycles for collection of recyclables refuse and garden waste. In the cooler months (perhaps aligned to daylight saving times) waste collection could be fortnightly/weekly.

Wanaka residents have already demonstrated they are responsive to sorting recycling into glass and other recyclables and there is no reason to suggest that they

could not extend this across the whole range of waste.

At the time the two crate recycling system was introduced the contractor asked that newspapers/paper put directly into the crates, not in a plastic bag. After about three weeks with paper blowing all over the district they asked users to resume using paper in supermarket type bags. With the proposed withdrawal of supermarket bags council can expect paper to be blown out of crates while waiting for collection, if the current system of recycling is retained.

This suggested wheelie bin system for waste and recycling is currently in use by many South Island Local Authorities (Timaru, Clutha, Southland, Central Otago to name a few) and appears to be popular with the ratepayers I have spoken to and don't offer any objection to the cost of providing this service..

The zero waste ideal put forward at the time of the last long term plan is no closer to happening now as when it was proposed around 2008. The plastic bags for other household rubbish are flimsy and inadequate, able to be torn open by cats, dogs and vermin, and present a real potential for danger to collectors. Wheelie bins are a safer and more efficient system for operators to use, and tidier and more hygienic for householders.

Residents have themselves made their preference for wheelie bin waste disposal abundantly obvious because large numbers of them are paying for bins in addition to the council-provided service. QLDC figures provided by Morrison Low show 36% of Wanaka's and 44% of Queenstown's household waste is collected from the kerbside by private (non-Council) collection services

There will be an initial cost but a long-term benefit. If the QLDC is trying to cut down on plastic, the blue rubbish bags are just more plastic into landfill. Wheelie bins would be a better option as there won't litter all over the streets, there won't be foul smells, and there will be nothing to attract pests, or pollute the environment.

Currently household items that are not recyclable include, milk and juice cartons, waxy paper and cardboard, foil lined cartons, soiled paper (e.g. with food), juice/tomato sauce/stock boxes and cartons (co-mingled, made with foil, cardboard and plastic), Cold ashes, Batteries (e.g. torch smoke alarm), some polystyrene packaging, disposable nappies, some clothing and shoes, electrical appliances, broken glass, Pyrex glass products, ceramics etc. This is an example of items (and there are many others) that cannot be recycled and currently go to the land fill and will continue to do so for the foreseeable future.

#### Summary

- Wheelie bins are a safer and more efficient system for operators to use, and tidier and more hygienic for householders.
- Councils throughout the country are turning to three bin systems as a means of using recycling to reduce costs and dispose of unwanted items, in addition to the benefits of limiting landfill disposal.
- Fewer people have gardens or the interest in maintaining them, QLDC's high number of tourists/skiers and itinerant population generally works against correct waste disposal, especially organic waste to the landfill but they may be inclined to use the correct bin if they were available.
- Introduction of a comprehensive three bin system will encourage residents to place waste in the correct bin and not 'hide' waste amongst recycling (as happened

when Queenstown introduced recycling wheelie bins). It will assist or possibly eliminate the illegal but frequent dumping of refuse along the road verges and reserves around the district.

- After the initial setup costs there is potential saving on collection costs especially if a fortnightly service is introduced.
- The fact that so many residents have responded to the many disadvantages of the existing system by preferring private operators utilizing a wheelie bin service suggests more council realism and less idealism at street level is required.

We trust that council give this submission serious consideration

Bruce and Alison Hebbard

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Glenorchy

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

i am a gardener and compost all my waste

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# CATALINA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. If you don't use the transfer stations please let us know why:

I don't know where it is

# CATHERINE BENNETTO

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

And ban ALL plastic bags in Queenstown

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I would use it if I knew it was not going to landfill and was being composted

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

All glass should be recycled. Everything possible should be recycled. I've lived overseas for many years and when I came back to nz I was absolutely shocked. We are so far behind many other countries in regards to our waste. Even South Africa and Budapest were more environmentally savvy. I was embarrassed that I'd said nz was clean and green. We are not.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

I'd like green waste separated and composted.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Ban plastic bags in Queenstown

# CATHERINE STEWART

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I would prefer ALL recycling options are considered, including sorting kerbside and recycling soft plastics too

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I already use a bokashi and would need to recycle my excess compost

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I don't agree with glass going to landfill & prefer sorted glass collection

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Education & awareness always helps

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Hazardous waste

Q. Are there any services not currently offered at transfer stations that you would like to see?

Small Battery recycling, soft plastic recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

I would LOVE this to happen. And a place to help the community fix/repair broken goods eg, electronics.

# CHARLIE EVANS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I would like to see a separate recycling bin for glass and another for organics. It would also be great if the glass ended up being recycled unlike current system

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I would use it, and as flatting is hard to have a compost



Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# CHERYLYN WALTHER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Develop a detailed plan for plastics.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We compost on site. Would be useful to have a collection for products that require commercial composting temperatures.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

We should be aiming for 100% recycling of glass.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

More capacity is required. Expanding the service to include polystyrene and batteries in Hawea would be useful.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Start charging for plastic waste unless it's on an accepted recycle scheme. People will pay more attention to purchases if it cost them to dump it and producers will respond accordingly.

Move the Hawea station to somewhere more visible or, man it and have security cameras when there's no one there. Increase the fines for fly - tipping at the same time. (Include human waste under fly -tipping to get the few nasty freedom campers that participate in that sort of behaviour!)

More monitoring!

# CHERILYN WALTHER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I think QLDC needs to get bolder with it's overall plan.  
Many residents in Hawea already recycle or compost their organic waste.  
The glass recycling depot in Hawea is currently threatened with closure which is where much of the excess glass is dumped during peak seasons as residents are often reluctant to venture into Wanaka to dispose of recyclables during peak seasons which are often in excess of a normal weekly pick-up.  
Anecdotally, it has been suggested that glass collections in Hawea often exceed those of the Wanaka kerbside collections in peak season. Hawea is a destination for not only holiday home owners but also family and friends of residents.  
With limited commercial options available to go out in Hawea and a taxi costing \$45 one way from Wanaka, much of the social drinking is done in private residences. As a result, the glass recyclables can be far in excess of a normal rubbish week.  
I don't think this current focus provides any benefit to the residents of Hawea if the existing recycling depot were to close and does little to address none of the challenges that Hawea Residents face with rubbish.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We already compost, mulch and use a worm farm.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Anything that reduces waste is actively supported.

Q. Are you aware of this subsidy?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

If communities are responsible for their own waste and become engaged in the disposal of it, they'll generally create less. If it costs per weight to dump in landfill, they tend to learn even faster.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. If you don't use the transfer stations please let us know why:

We are infrequent users of the transfer station because we actively try and manage our waste on-site.

## Q. Are there any services not currently offered at transfer stations that you would like to see?

Full blown up-cycle crafts and re-purposed items.

## Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely along with a full blown reclamation yard and people with advice around projects.

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We need to think bigger.

Hawea is a fast growing area and with only one main road into town that doubles up as the main state highway between Wanaka/Queenstown and the West Coast, its a road that many of the locals are keen to avoid during peak season. (There is the road to Luggate but, you also come onto a main highway so, there is little advantage.)

Hawea has limited commercial businesses to support the local community and these are generally over-subscribed during peak periods. Holiday houses fill up and friends and family come to visit the locals. Much of the socialising during these periods, takes place in private residences and this causes recycling levels to peak, particularly glass.

With the on-going development in Hawea, both of these issues will continue to build. Other issues include the rubbish collection day that often means rubbish will sit on the kerbside until it is collected on Thursday which leaves it susceptible to animals as many people vacate on a Sunday. The recycling depot which is currently under discussion of closure, enables visitors an accessible area to leave rubbish which means the removal of this service is likely to cause more animal related issues and the likelihood that more glass will go to landfill.

I understand the issues around the existing facility and the concerns with dumping that the community is experiencing. Along with others, I believe these concerns would be reduced if it were manned and had greater capacity to deal with waste. I also understand the arguments against this however, I propose that the Council consider developing a 3rd transfer station located in Hawea with enough room to incorporate business interests that rely on waste materials.

This could include an up-cycle craft market such as those found in Sweden where all goods on sale are either up-cycled, repaired or re-purposed.

Other businesses that could be of interest might be plastic orientated such as those that re-purpose it into other functional items or, even road materials as we have seen a company do in Canterbury.

There are no glass manufacturers in the South Island and we have a burgeoning artisan food market developing right across the country. The glass market is cornered by Arthur Holmes and Endeavour who bring in all their glass from China. Maybe someone would be interested in a business that produced glass packaging or simply involved recycled glass? Providing a local option for glass packaging would be a

very popular move for small businesses if it were done on a commercial scale. You could then charge other regions to take their well sorted glass.

Clothing, textiles, tailoring, the list is endless but, if space was made available, I believe the artists and crafts people would come.

A builders reclamation yard would be just the ticket for the area given lots of us have small garden and house projects. (If you're really onto it, you just need to go to a building site and ask if you can go through the skips but, how much do we miss that just goes to landfill?) Increase the charge to dump construction waste and take usable waste for free to on-sell.

A greenwaste and commercial composting option would also provide the opportunity to sell the end product back to the public and could be tied in with the current initiative.

Wanaka WasteBusters is an awe inspiring achievement however, the Wanaka township is creeping up to claim it and the existing site is packed tight with limited opportunity to expand operations or deal with the expected growth of both Wanaka and Hawea (and Luggate, Albertown, Cardrona). I don't propose losing the site however, the development in the greater area makes it an unattractive trip during peak season with busy junctions, foreign drivers, a new retail park and limited ability to park on site. I believe there will always be a place for WasteBusters however, I believe the opportunity exists in Hawea to develop the next generation of waste management.

Be BOLD! Use it as a template for the rest of the region. I believe we can achieve zero waste but, only if we make dynamic changes to the way we live, dump and re-use things!

(I believe I made an earlier submission, please dis-regard it.)

# CHRIS BUCKLEY

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

It would be great to have a commercial organic collection

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We cannot compost or use a worm farm as we don't have a suitable outdoor area in town



Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

# CHRISSY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Used it in chch and worked well

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

No

Q. Please explain your above answer:

Rather the money went into recycling more .

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Recycle more paper, plastics, glass , recycle more

# CHRISTINE FLOWERS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I don't have a garden which makes composting difficult, but I'd love to reduce the amount of household waste we produce.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

It's crazy that so much of what we think is being recycled goes to landfill anyway!

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

There is such a transient population in Queenstown that it takes even more effort to keep everyone informed.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# CLAUDIA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Recycling glass and organics is a great idea. Foreigners and visitors as well as locals should be made aware of this and hospitality groups should promote it.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Yes. Especially visitors and people that recently moved here should be more educated

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We should involve all hotels and accommodation providers to be more sensible with their waste management and support the use of recyclable materials such as using paper cups rather than plastic cups in the rooms, pools, cafes, restaurants.

The same with hospitality, Council should support using steel or paper straws for drinks. Reusable coffee cups.

And please make the supermarkets and shops BAN SINGLE USE PLASTIC BAGS.

We should reduce single use plastic in the area and Council should support reusable materials which are recyclable.

# CONAL WATTAM

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

The system of bench top caddy (bins) with compostable liners to capture food waste combined with green waste, collected fortnightly is an ideal solution to the capture of organics that is used through out the world. Odour, if food waste is in compostable bin liners (which breath) does not occur in a 2 week window, even in the hottest times of the year.

If composting the organic waste is managed to a high level and the outcome is a good product, then participation is increased and the viability is ensured.

If the compost quality is inferior, then the opposite will happen

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



### Q. Please explain your above answer:

Establish a public/private partnership with alternative glass reuse objectives.  
Nurture the establishment of these partnerships

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

The current education programme is great, but can always be better. Secure more funding for the purpose of education, particularly at school level through into High school. The best outcome for council is to establish positive habits, which take time and are often led by younger generations that haven't formed bad habits.

### Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, look at Green Island landfill. Great example.

### Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Composting is the most logical way forward for organic reuse. It accounts for the biological processes that stabilise organic matter and the potential of heavy metals and pathogens. I am including biosolids, food waste, and green waste. Not all together, but as a method of processing organics, composting has safeguards, a standard NZS: 4454 and a biosolid guideline for the accumulative effects of application as well as health related aspects.

I have investigated other options for cost effective management such as vermicomposting, and thermal drying, which both need a secondary action of hot composting to either eliminate pathogen risk, or action the degradation of solid material. Composting however, does it all at once.

# COURTNEY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

## Q. Would you like to see more information and education about recycling and waste minimisation?

No

## Q. If you don't use the transfer stations please let us know why:

Often its just a hassle, we don't have a trailer so we just use rubbish, recycling bins and our green waste bin.

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Recently we travelled overseas and had the privilege of going to Copenhagen. Just outside of the city they have had a rubbish incineration plant built. The plant essentially burns what would go to landfill and by doing so produces power. This plant has been architecturally designed into a ski slope which they can use in winter and will be self powered. With their rubbish alone the plant is only up to 30% capacity therefore a number of other countries are paying Copenhagen to take and burn their rubbish providing more income. The chimneys are filtered and rubbish burnt hot to provide a cleaner environmental impact. This has been proven to be of less environmental damage than toxin leeching landfills that can never really be used for anything else but wasted space after they are finished with.

In New Zealand we promote a clean green image but I feel we are far behind in environmental impact. To be honest the majority people are too busy working to make a living in this town and often don't have the time to prioritise their personal waste management. I think often we think of management options that make do and minimise the current problem when often there are bigger potential solutions that can work to our advantage. Yes a waste plant would be expensive but certainly not in the long run through power generation and income revenue. Its time we stopped looking 5 years ahead and started planning at least 50 years ahead and create a legacy and life for our children's children. Bellow is a link to a basic article about the plant....

<https://www.theguardian.com/cities/2016/oct/26/incinerator-copenhagen-waste-plant-bjarke-ingels-ski-slope>

# CYNTHIA ROBSON

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

No

Q. Would you use collection services if they were available to you?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

### Q. Please explain your above answer:

I recycle all my food waste and garden waste back into my garden, so wouldn't put it out for kerbside collection.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

I would have thought glass was already being recycled. I would rather we have separate recycling boxes and people have to separate things out if it means more of our waste can be recycled.

### Q. Would you like to see more information and education about recycling and waste minimisation?

No

### Q. Please explain your above answer:

I think there is enough education out there already, instead use some of that money to start road side collections for the rural areas that are currently missing out. We pay 4 lots of waste management charges to QLDC and only have 3 dwellings on our farm, yet we don't receive road side collection of rubbish and recycling. Other councils at least give us a discount in the waste management charge as we aren't included in roadside collection - clutha DC and CODC where we also pay rates, but QLDC makes us pay the same as someone in town who does have the convenience of rubbish and recycling collection. We also aren't that far out, as a house about 3 minute drive from us does get roadside collection, but our road with 7 houses misses out.

### Q. If you don't use the transfer stations please let us know why:

I take our recycling to Tarras as it was the only place I know of. I stock pile until I have a car load and sometimes its a challenge to get the recycling in as it can be quite full - sometimes have to take some of it back home again. Last night tried to drop off a blue bag at the skip next to wastebusters but see that has been removed. You are making it difficult for rural people without roadside collection to recycle and get rid of rubbish. I don't take my stuff to Hawea as don't know where it is, and judging by the state it is in from the local papers, you probably wouldn't want me to be doing my recycling and rubbish dumping there.

## Q. Are there any services not currently offered at transfer stations that you would like to see?

A conveniently located recycling and rubbish collection point that is always open and gets emptied regularly would be great. Rural people don't come into town so we tend to stock pile recycling and do when we have a car load. To arrive and find the recycling is all full is very annoying especially if you drive somewhere just to do your recycling.

## Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Would be good to have somewhere to take whiteware for recycling as Wastebusters won't take these anymore.

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I think it is unfair that people who pay the full waste management charge don't get roadside collection. The waste management charge should be reduced if we can't take part in roadside collection. Also we only have 3 houses but pay 4 lots of waste management charge due to parts of our farm not being continuous. Fees that are related to household use should be linked to dwellings.

# D YOUNG

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

The sooner the better

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I'd prefer if there is a community garden with composting available that I can take my waste to

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

No glass should be going to landfill at all

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

It's not clear exactly what can and can't be recycled and where the waste is going to and how it is recycled

Q. If you don't use the transfer stations please let us know why:

Wasn't aware of the facility

Q. Are there any services not currently offered at transfer stations that you would like to see?

Composting

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes



# DALICE MCGREGOR

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Kerbside recycling has been operating for years. Why can you only focus on two areas at the moment. Why not all has there not been enough time to organise this? We pay for this through our rates and through increased charges for waste collection (blue bags). What has this money gone to.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

Because I do home composting

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I don't understand why glass has not been recycled in the past. So of course I support glass recycling along with all other materials

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I would like to know why the council is not recycling what you collect

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes. But I thought this was happening already at the recycling shop

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Let's recycle everything. Bars and restaurants are not encouraged to recycle glass which is most likely why there is so much glass in landfill. Sorting this issue out seems like an easy win to me.

# DAMIAN FOSTER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

## Q. Please provide any further comment here:

Please read this submission in conjunction with the submission from Toimata Foundation as it provides an overview of the Enviroschools programme.

As Enviroschools Facilitator with responsibility for the Wanaka area and surrounds (Hawea- Makarora) I want to express my sincere gratitude and recognise Queenstown Lakes District Council's continued support for the Enviroschools Programme – Nga mihi nui.

I want to celebrate the fantastic work children are doing in our region to support the development of resilient, connected and sustainable communities. I believe we have a generation of children who are intrinsically sustainable in their actions. I want to acknowledge the fantastic work of our enviroschools, teachers, parents and my predecessor Simon Williams.

I would like to acknowledge Queenstown-Lakes District Council (QLDC) for supporting young people in our district to be part of the Enviroschools network since 2006. Thank you for this long-term support there is now a network of 13 Enviroschools in our district supported in partnership with Wanaka Wastebusters.

This submission requests that QLDC maintains its valuable support of Enviroschools. Spending some of the money Council receives from the Waste Levy on Enviroschools and associated activities is a strategic investment in the district's future.

Enviroschools is a holistic programme and this spend helps to satisfy a number of councils strategic objectives: environmental sustainability and low impact living are highly valued, partnering for success, an organisation that demonstrates leadership, quality built environments that meet local needs and respect the local character, communities are inclusive for all.

This spend ensures that our kids are supported to become the next generation of bold leaders who have a sound understanding of what it takes to deliver vibrant communities and enduring landscapes in the years to come.

We recognise an increase in community demand from parents and teachers. We also have expressions of interest from Early Childhood Centres wishing to join the programme. There has been a significant increase in the student roll in our area and new Early Childhood Centres have opened.

We request QLDC work to invest in the ongoing growth and development of the Enviroschools network. We ask that Council considers supporting increased funding to include new centres and to keep pace as the number of children in our district increases.

It is very likely that the Waste levy funds will increase over time. Enviroschools is a very useful way to use these funds to support waste reduction in the short, medium and long term.

## Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I compost my food and gardening waste.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Please refer to my submission. I believe an increase in the enviroschools and Zero waste education programmes will greatly benefit our community.

Q. If you don't use the transfer stations please let us know why:

I currently use Wanaka wastebusters.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Thank you for supporting Waste minimisation Education in our region and creating a generation of learners who instinctively act sustainably.

# DAMIAN FOSTER

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Please read this submission in conjunction with the submission from Toimata Foundation as it provides an overview of the Enviroschools programme. As Enviroschools Facilitator with responsibility for the Wanaka area and surrounds (Hawea- Makarora) I want to express my sincere gratitude and recognise Queenstown Lakes District Council's continued support for the Enviroschools Programme – Nga mihi nui. I want to celebrate the fantastic work children are doing in our region to support the development of resilient, connected and sustainable communities. I believe we have a generation of children who are intrinsically sustainable in their actions. I want to acknowledge the fantastic work of our enviroschools, teachers, parents and my predecessor Simon Williams. I would like to acknowledge Queenstown-Lakes District Council (QLDC) for supporting young people in our district to be part of the Enviroschools network since 2006. Thank you for this long-term support there is now a network of 13 Enviroschools in our district supported in partnership with Wanaka Wastebusters. This submission requests that QLDC maintains its valuable support of Enviroschools. Spending some of the money Council receives from the Waste Levy on Enviroschools and associated activities is a strategic investment in the district's future. Enviroschools is a holistic programme and this spend helps to satisfy a number of councils strategic objectives: environmental sustainability and low impact living are highly valued, partnering for success, an organisation that demonstrates leadership, quality built environments that meet local needs and respect the local character, communities are inclusive for all. This spend ensures that our kids are supported to become the next generation of bold leaders who have a sound understanding of what it takes to deliver vibrant communities and enduring landscapes in the years to come. We recognise an increase in community demand from parents and teachers. We also have expressions of interest from Early Childhood Centres wishing to join the programme. There has been a significant increase in the student roll in our area and new Early Childhood Centres have opened. We request QLDC work to invest in the ongoing growth and development of the Enviroschools network. We ask that Council considers supporting increased funding to include new centres and to keep pace as the number of children in our district increases. It is very likely that the Waste levy funds will increase over time. Enviroschools is a very useful way to use these funds to support waste reduction in the short, medium and long term.

# DANELLE JONES

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Danelle Jones, Acting Chair Sustainable Glenorchy

Email: [REDACTED]

Location: Glenorchy

I wish to speak at the hearing Ph [REDACTED]

---

I'm giving feedback as an: ?Organisation

\*I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.? I understand

Name: Email Address: Phone Number:

\*Would you like to speak about your submission at a Council hearing?? Yes

Kerbside Collection

Where do you live?? Glenorchy

Are kerbside collection services available in your area?? No

Kerbside collection in both Township and Rural area has made a big improvement to The Head of the Lake waste management. There are now issues that need further refinement:

Rural bins are collected kerbside, however if the empty bins are not retrieved by residents in a very short time, public waste is often dumped in the bins. We are proposing a new camper rubbish site in Glenorchy aimed at helping to minimise waste dumped in these bins and the waterfront bins; other suggested improvements could include: additional public collection bins in a couple of rural locations - eg Dart Bridge

We should also look at compliance of collection contractors to ensure adequate collection, and minimisation of (for example) fly-away waste which ends up on the side of the road.



We would also look to do regular clean up along the Glenorchy and Rees Valley roads – Currently locals are undertaking clean-up of the road verges Rees Bridge to Glenorchy on a random basis, but there is an opportunity to go community-wide. We would seek Council's support in some degree of traffic management to ensure the safety of volunteers and expand the number of verges cleaned up.

## Waste Management and Minimisation Plan 2018

In developing our Waste Management and Minimisation Plan QLDC has chosen to focus on getting glass and organics (garden and food waste) out of the landfill. In addition, the focus is to ensure existing services best meet the needs of the district over the next 6 years. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Please provide any further comment here:

Sustainable Glenorchy supports the focus on minimisation and management of organic waste and glass and support these measures to improve our performance over the long term.

Public rubbish bins in Glenorchy:

The small size of bins (relative to volume of waste) and the low frequency of collection means bins on the waterfront are often overflowing or overfilled.

We would propose a campervan rubbish collection station aimed to minimise the large items in bins (i.e. shopping bags full of household waste). We suggest a station located opposite the fire station, recessed into the current tree-line and roofed-over with lidded bins for household rubbish, glass, recycling and composting. Promotion through DOC, camper apps and localised signage (both within Glenorchy and at tracks) would also be required. We would seek to investigate funding options, potentially through the "tourist tax" and / or coin operation and / or donation boxes.

The site would also provide an opportunity for educational material at the station to raise awareness about waste treatment and waste minimisation.

## Organics recycling

Garden material and food waste (organics) makes up around 16% of the material that goes to landfill. Home composting is encouraged and supported with subsidised home systems available to locals. More info here:

<https://www.qldc.govt.nz/services/rubbish-and-recycling/other-waste/home-composting/>

Are you aware of this subsidy?

Yes

Would you use a kerbside collection service for garden and food waste if available?

No

Please explain your above answer:

Our vision for Glenorchy is to be the most sustainable township in New Zealand and this starts with dealing with our own waste locally where possible.

We have notified members of the subsidy for home composting systems.

The Glenorchy township currently has a garden waste scheme and would seek to expand and improve this as a low-impact method of encouraging greater participation in these schemes without the overhead and carbon footprint of vehicular kerbside collection.

Suggested improvements to the Glenorchy green waste facility could include: improvements for payment collection; concrete pads for the collection site and segmented bins to separate topsoil / small gauge waste / larger gauge waste for firewood; assessment of potential commercial models to provide and improve access to the facility.

SG / GCA are aware of and support the submission by Camp Glenorchy to assess potential for a local composting solution. We would also be supportive of Dr Compost running some community forums to improve education in the area and reduce food waste going to landfill.

We would also like to investigate a compost bin at the proposed campervan rubbish collection site opposite the fire station.

### Glass recycling

The proposed plan aims to recycle more glass currently going to landfill. This will require a change in the way glass is collected. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Please explain your above answer:

### Waste Education

The proposed plan recommends we continue with the existing level of community education and information on waste minimisation, recycling and waste services. Would you like to see more information and education about recycling and waste minimisation?

Yes

Please explain your above answer:

Whilst many of the proposed changes in the WMMP focus on management or treatment of waste, we are very supportive of waste education to enable further minimisation of waste in the District, earlier in the chain, before it reaches landfill.

We would be keen to see council explore incentives for retailers to take greater responsibility for the waste generated in manufacture, supply and sale of their products (i.e. not just food retailers). In particular to look at reduction in the use of plastic straws, takeaway coffee cups and plastic bags.

We have read, understood and support Sustainable Queenstown's proposed initiative for greater retailer responsibility.

#### Transfer stations

Do you use the QLDC transfer stations for any of the following services? (Tick those that apply

?) :

Recycling? - No / n/a Rubbish? - No / n/a Hazardous Waste ?- No / n/a Garden Waste? - No / n/a Scrap Metal / Whiteware? - No / n/a Other [please explain] ?- No / n/a

If you don't use the transfer stations please let us know why:

This submission is on behalf of an organisation and our membership varies in their use of transfer station services.

Are there any services not currently offered at transfer stations that you would like to see?

No

Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes. For those items not currently repurposed or sold through the existing thrift store networks (Salvation Army, Happiness House) we support the opportunity to take further steps at transfer station facilities to minimise waste going to landfill.

We would support investigating a more regular (kerbside) inorganics collection in the District – encouraging people to forage before it gets to landfill!

#### Final thoughts

Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We would like to see additional action taken to understand and treat the sources of construction / building and demolition waste in the WMMP. The responsibility to deal with construction waste needs to reside with the Constructor and dealt with in a compliant method – much like toilet facilities for staff.

Further, we support the Sustainable Queenstown and Glenorchy Community Association (GCA) submissions.

We are in favour of banning coffee cups, straws, plastic bags and recognise that this

takes time and commitment from all local businesses to enact. We would like to see more encouragement and education of tourists and local communities to reduce the use of these items and would seek council's support through investigation of other provinces where these bans have already occurred (San Francisco, UK, ...).

# DANNY CONROY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Green waste not presently meeting the criteria

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Ban single use water bottles

# DARIO

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

This needs to be done at each home.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

About time this needed to happen.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. If you don't use the transfer stations please let us know why:

Very expensive to use

Q. Are there any services not currently offered at transfer stations that you would like to see?

Small house hold batteries

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Get rid of the blue bags- include a small wheelie bin in the rates cost as well as worm bins and glass/paper/Can stations every 2000 square mts so people can dispose responsibly near by their homes.



# DARREN LOVELL

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

As a restaurant owner, there is now widely available packaging that is compostable however unlike other districts there is no means doe composting these products in Queenstown. Although they do break down in the composting landfill from what I understand they are still a source of methane gas as they break down, hence why composting is a better solution. I would have thought composting could also create a by-product the council could sell.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

Home composting systems, especially in our climate, are slow. I'd rather just have a "green" bucket the council collects each week. I'd be happy to pay for the service although if you can create a usable compost at the end perhaps this system could be self-funding. We are a town of gardeners

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

BAN PLASTIC BAGS. We are an international town we should be seen to tackling international issues. Let's ban plastic bags and straws and aim to phase out single-use plastics within Queenstown.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

### Q. Are there any services not currently offered at transfer stations that you would like to see?

I find it frustrating that more garden waste cannot be composted.

### Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes!! As they do in Wanaka

**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We live in the most beautiful part of the world, we are an international town, we need to be leaders in waste management and now playing catch up all the time.

# DARREN SMITH

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Luggate

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

To me the focus seem like an easy option when plastic's should be a large focus  
Glass when collected can be crushed and put back on a non public access beach  
when it will end up back as sand. Organic's rots going back to nature.  
Plastic is an issue

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

Sometimes garden waste is just too much to try and compost at my section. Start talking to other councils like Timaru who have done this in how they deal with their waste rather than try and reinvent the wheel. Give us garden waste wheel bins.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

As much as you are changing how you dispose of glass you need to hit the source. We are so behind the time in NZ. I have been through a bottle sterilisation plant in Canada for reusing beer bottles. Why the heck don't we have this here?? Make the beer companies do this and reduce their tax if they do. I bet most glass is beer bottles.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Target the tourists as I'm sure they are the biggest problem in this area, since more than our population visits here. They won't care about trying to keep NZ clean green. They must be educated. Hopefully they will take our philosophies back home with them to try and do the same in their respective countries which will help the planet.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

### Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes. Waste busters is brilliant, go there a lot

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Start targeting the source of the waste, example, a lot is packaging from supermarket, rap meat in paper like 40 years ago. Get rid of plastic trays, plastic rap.

Another issue I guess is building sites. Lot of building going on. Even recycling skips for them, if they don't already

# DAVE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I don't have anywhere to compost and the above link didn't work. Still have no information on subsidised home composting systems

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

We should be recycling as much of our waste as possible. There are a ridiculous amount of bars and restaurants in Queenstown that put all their waste into landfill bins. None of it gets recycled! Businesses should be made to recycle as much as possible and fines should be put into place to ensure they follow procedures.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

A lot of people are 'in the dark' as to what happens to their trash and recycling so clarity on that would be nice.

Waste minimisation starts at the source and stopping the amount of single use plastics coming into our supermarkets should be the biggest focus.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Hazardous waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I would like to see a focus on the reduction of single use plastics in our shops and supermarkets with a move towards 'naked' foods.

Bottle return deposits for glass and plastic bottles.

The ability to be able to recycle all plastics including soft plastics.



# DAVID COOPER

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Submission to Queenstown Lakes District Council on the Draft Waste Management and Minimisation Plan

To: Queenstown Lakes District Council

Name of submitter: Federated Farmers of New Zealand

Contact person: David Cooper Senior Policy Advisor

Address for service:

This is a Submission to Queenstown Lakes District Council on the Draft Waste Management and Minimisation Plan.

Federated Farmers submission to Queenstown Lakes District Council on the Draft Waste Management and Minimisation Plan.

Page 3  
Summary of Feedback

Federated Farmers:

1. Supports the proposed Waste Management and Minimisation Plan.
2. Asks Council to develop an Agrecovery site in the Queenstown Lakes District, ideally incorporated into existing Council (including Otago Regional Council) owned or managed waste sites that are accessible to the farming community, to be funded through the General Rate.
3. Supports the proposed approach to funding the Waste Management and Minimisation Plan, provided there are no significant changes to Council's General and Targeted Rates funding policies.

Federated Farmers submission to Queenstown Lakes District Council on the Draft Waste Management and Minimisation Plan.

Page 4  
1.1 General submissions

1.2 Federated Farmers of New Zealand (Inc.) is a voluntary, primary sector organisation representing farming members and their families. Federated Farmers has a long history of representing the needs and interests of New Zealand farming communities, primary producers and agricultural exporters.

1.3 The Federation aims to add value to its members' farming businesses by ensuring that New Zealand provides an economic and social environment within which our members may operate their business in a fair, flexible and sustainable manner. Our members strongly support a regional planning approach that recognises landowners play a principle role as managers and users of the region's natural and physical resources.

1.4 Overall approach of the plan - Federated Farmer supports the considered approach to developing the plan, particularly the background documents, 'Analysis of the Composition of Solid Waste in Queenstown Lakes District' and 'Queenstown Lakes District Council Waste Assessment'. We consider these provide a solid basis for Council to target the proposed Waste Management and Minimisation Plan ("the draft WMMP") to the particular and specific waste management challenges and pressures in the District.

1.5 Proposed Vision – Council proposes the Vision for the draft WMMP as “Towards zero waste and a sustainable district”. Federated Farmers has concerns that the ability to achieve this vision in the near to medium terms faces a number of practical challenges. However, considered in the context of the proposed Goals, Objectives and Targets, it is clear the Vision is intentionally aspirational to provide direction to plan users.

1.6 As a result, Federated Farmers supports the proposed Vision on the basis there are no significant amendments to the proposed Goals, Objectives and Targets.

1.7 Proposed Goals – We note that the proposed objectives for the draft WMMP are those contained in the New Zealand Waste Strategy (NZWS): 1. Improving the efficiency of resource use 2. Reducing harmful effects of waste.

1.8 We agree these are useful and relevant goals for the draft WMMP, and it is useful that these align with the NZWS. We also agree with the proposed Objectives for meeting these Goals. The Objectives for Goal 1 (Improving the efficiency of resource use) are: a. Provide and support opportunities to minimise waste through reduction, reuse, recycling and recovery (in priority order) b. Educate and support generators (residents, visitors, and businesses) with options and responsibilities

1.9 We consider that, given the growth pressures challenging the District, it is useful to take a user focussed approach, encompassing facilitative, support and educational roles as required across the ‘waste chain’, with options provided to waste generators to enable them to reduce their waste.

1.10 The Objectives for Goal 2 (Reducing harmful effects of waste) are: a. Avoid or mitigate any adverse effects on public health or the environment

Federated Farmers submission to Queenstown Lakes District Council on the Draft Waste Management and Minimisation Plan.

Page 5

b. Provide effective and efficient waste minimisation and management services supported by the right funding mechanisms.

1.11 Again we support these as relevant Objectives for the Goal, under which Council will consider the services and infrastructure owned and managed by Council, and how pricing may incentivise or disincentivise desired behaviours.

1.12 Services provided by Council – Council outlines the services provided at section 3.1.1 of the draft WMMP. The rural focussed services include: ? Rural refuse collection points ? Rural recycling drop off facilities ? Rural greenwaste drop off points in Glenorchy, Kingston, Luggate, Hawea and Makorara

1.13 From a rural perspective, Federated Farmers considers the Draft WMMP's focus on providing these services in the rural area helps to reduce the risks of ‘fly tipping’ or inappropriate disposal of urban waste in rural areas.

1.14 Broadly speaking, given the geographically spread nature of the district, the different types of waste generation and the growth pressures facing the District, the existing services work well, given the additional monetary and non-monetary costs involved in providing these services.

1.15 Agrecovery - The one exception to this overall view is the lack of Agrecovery sites in the District. Agrecovery provides New Zealand farmers and growers with nationwide programmes for container recycling, drum recovery, and the collection of unwanted or expired chemicals.

1.16 The presence of an Agrecovery site in the Queenstown Lakes District would enable the disposal of this farm specific waste in a sustainable, low cost manner. The development of an Agrecovery site in the District would directly align with the two objectives proposed for the draft WMMP, by improving the efficiency of resource use (by enabling recycling of these products) and reducing the potential harmful effects of waste.

1.17 The development of an Agrecovery facility may be feasible on existing Council managed or owned waste disposal or recycling sites, or at the existing Otago Regional Council site on Riverbank Road in Wanaka. In either example Council can reduce the marginal cost to ratepayers by providing an accessible facility at an existing site. In terms of funding, we consider the costs of an Agrecovery site should be funded through the General Rate.

1.18 Aside from providing an Agrecovery facility, from a farming perspective we consider the focus on education, including informing farmers of the services available and encouraging the minimisation of waste, is appropriate. Disposal of farming waste comes with specific challenges, including the timing and costs of transport. As a result, opt-in services and the ability to tailor individual farm waste management within environmental and social parameters is important.

1.19 We agree that the range of public and private waste management services ensures that public health will be protected. We consider that given the growth in the District there will be increasing viability for additional commercial services, including for farmers.

Federated Farmers submission to Queenstown Lakes District Council on the Draft Waste Management and Minimisation Plan.

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Summary: Federated Farmers supports the proposed Waste Management and Minimisation Plan.

We ask Council to develop an Agrecovery site in the Queenstown Lakes District, ideally incorporated into existing Council (including Otago Regional Council) owned or managed waste sites that are accessible to the farming community, to be funded through the General Rate.

2.1 Costs of the current level of service and proposed funding approach

2.2 The draft WMMP outlines the costs associated with waste management and minimisation, although it is unclear whether these costs have been updated to include forecasts of the costs in future years.

2.3 Federated Farmers supports Council's current funding policy in respect to funding these activities. Our support is heavily dependent on the current rating and funding policies of Council, including use of differentials and uniform charges for the General rate funded components of the WMMP activity, and use of targeted rates for specific

services.

2.4 Provided there are no material changes to Council's overall funding policies, we have no objection to the proposed methods of funding outlined on pages 19 to 22 of the draft WMMP. Although these are largely 'urban focussed' activities the proposed methods for funding (including fees and user charges) appropriately balances the public and private good components of the waste management activities.

2.5 We particularly support the practical nature, and recognition of the need for alignment for existing and potential future agrichemical disposal schemes under the action: 'Provide dropoff facilities at the Council transfer stations for agrichemicals to an extent that they are affordable and complement national schemes or services.'

Summary: Federated Farmers supports the proposed approach to funding the Waste Management and Minimisation Plan, provided there are no significant changes to Council's General and Targeted Rates funding policies.

# DELL TAYLOR

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

While an emphasis on reducing the amount of glass and organics going to landfill is probably one of the highest priorities, there are so many more things that are equally important eg a whole range of programmes to reduce the overall amount of waste produced in the first place eg reducing builder's waste, reducing soft plastic usage, reducing disposable coffee cup waste, banning plastic straws and many many more. The focus should be much more aspirational to create an area at the leading edge of environmental good practice.

Focusing on recycling glass and organics, is a good start but nowhere near enough!!!! There is heaps more to do

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Please explain your above answer:

All food and organic material at our place is either composted or fed to animals.

### Q. Please explain your above answer:

Absolutely . Should have been done ages ago. Wanaka has been doing it for 18 years. While the recycling of glass is not a huge earner, it is as much a symbolic statement as anything. If you can't even recycle glass properly, there is not much hope for anything else!!! Need to use the change to kerbside sorting to do as much as possible... not just glass. People will do it if they understand what is required.... ie need clear and consistent messaging...

### Q. Are you aware of this subsidy?

Yes

### Q. Would you use a kerbside collection service for garden and food waste if available?

No

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Yes we need to be much much more proactive about education programmes, working with not just households, but tourism industry providers and businesses to vastly improve our waste management performance. We need more bang for our buck with the programmes already running.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

### Q. If you don't use the transfer stations please let us know why:

n/a

Q. Are there any services not currently offered at transfer stations that you would like to see?

not sure

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely..... the Wakatipu recycling centre does not seem to be anywhere near as well set up/organized as the Wanaka one. The Wanaka one seems to be run by people with alot more passion and in a far more coordinated fashion..... Queenstown needs to be more coordinated to firstly reduce, then reuse then recycle....

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Yes we need to do much much better.... we need a whole paradigm shift in the way QLDC thinks about and deals with waste management. We need to be brave, be bold and think of much bigger better solutions. New Zealand has a clean green image and QLDC area is one of the jewels in the crown of tourism, and we should be leading the world in sustainability and creative waste management. Not necessarily spending heaps more \$\$, just being more creative and proactive to firstly reduce substantially the amount of waste generated in the first place, then have programmes to reuse as much as possible and finally recycle as much as possible. The draft plan says "QLDC has a good track record when it comes to how we deal with our rubbish" I don't agree with that.... if you have been sending glass to landfill when Wanaka has been recycling for the last 18 years, you don't have a good track record.

There are so many great ideas out there that other people are doing.... eg Motueka has a coffee cup reusing programme, Wellington has banned plastic straws on the waterfront. Why not do a deposit refund system on bottles.... that would target the users rather than retepayers... There are so many things to do that could make a real difference to our region. Why can't we do all of these schemes and many more!!?? We need some passion and enthusiasm and good business sense.... because if it is done correctly, good environmental practice need not be horrendously expensive ... it should be a "no brainer" with huge benefits to the whole community.



# DIANA ESPIE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Hazardous waste

Q. Are there any services not currently offered at transfer stations that you would like to see?

Textile recycling would be great!

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, definitely.

# DOMINIC SALMON

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

17 April 2018

Sophie Mander  
Queenstown Lakes District Council  
Private Bag 50072  
Queenstown 9348

Dear Sophie,

Submission to Waste Management and Minimisation Plan 2018

3R Group would like to congratulate the Council for the effort and consideration invested in the Draft Waste Management and Minimisation Plan (WMMP) and the resulting consultation process.

Queenstown has experienced rapid growth over recent years. Growth in both residential and tourism numbers places significant pressure on existing facilities and services, including waste and recycling. From a tourism viewpoint, there is an expectation for first world recycling facilities to match New Zealand's clean and green image.

3R believes that the goals, objectives and targets contained within the document present a number of practical and easy to achieve options that have the potential to reverse the upward spiral of waste generation and lead to greater recovery of resource from the waste stream.

It is encouraging to see the diversion of glass being prioritised as part of the WMMP. As Glass Packaging Forum Scheme Managers, 3R are working to increase both the quality and quantity of glass available for recycling, throughout New Zealand. Over recent years, the Council has been on the receiving end of negative media coverage when it was disclosed that collected glass was in fact being sent to landfill.

This WMMP consultation process provides the Council with the opportunity to ensure the collection methodology and processing for container glass is progressed; especially considering that glass is 100% recyclable, right here in New Zealand.

As 3R, we work to deliver real economic and environmental benefits to individual businesses, industries, government and the wider world. Our focus is currently on moving beyond product stewardship schemes into a circular economy model.

As part of this journey we have developed a number of programmes that may assist Queenstown Lakes District Council (QLDC) in achieving their waste minimisation goals. These are:

1. Paint Recovery- Paint and packaging take back programmes.
2. ChemCollect – provision of regional, on-demand or event based collections of hazardous waste.
3. SeatSmart – child car seat recycling programme.
4. Rebound – mattress recycling.
5. Glass Packaging Forum – Scheme Managers since April 2017.

To summarise, the draft WMMP clearly outlines Councils intent and areas of action.

3R commend QLDC for the

simplicity of the draft WMMP and for the actions put forward and wish you every success in achieving a positive outcome. 3R would be delighted to be part of any future waste minimisation discussion.

Your Sincerely

Dominic Salmon  
Business Development – Sustainable Solutions 3R Group Ltd

# DOMINIC SALMON

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

[www.glassforum.org.nz](http://www.glassforum.org.nz)

Glass Packaging Forum Scheme Manager | 3R Group Ltd, [REDACTED]  
[REDACTED]

30 April 2018

Sophie Mander Senior Waste Minimisation Planner Queenstown Lakes District Council  
Private Bag 50072 Queenstown 9348

Dear Sophie

Glass Packaging Forum – Submission on Waste Management and Minimisation Plan (WMMP)

Thank you for the opportunity to contribute to this well communicated consultation process on how Council hopes to address waste and recycling over the next six years.

The Glass Packaging Forum (The Forum) connects businesses that sell glass-packaged consumer goods with those that collect and recycle glass. This enables glass to be returned to the furnace or made into alternative products, with the aim of zero container glass to landfill.

The success of the Forum is dependent on maintaining strong relationships with local and central government, waste management companies, recyclers, private industry and community groups, to promote and facilitate the recovery of glass. The Forum also provides grant funding for projects that improve New Zealand's glass recycling rates.

3R Group Ltd were appointed scheme manager for the Glass Packaging Forum in April 2017. They are specialists in resource recovery and product stewardship and will be working closely with GPF stakeholders to increase the quality and volume of glass available for recycling and other uses. This submission is from the Forum Scheme Managers.

The GPF has recently funded a number of glass bottles banks for Queenstown Lakes District Council (QLDC) as well as funding facility improvements at both Wanaka Waste Busters and Alexandra to allow for increased quality and quantity of glass available for recycling.

## WMMP Recycling Options

The Forum supports the goal, objectives and targets contained within the WMMP. The Forum is particularly interested in actions that could lead to increased container glass recycling. The Statement of proposal states that there is particular need to consider options for both organic and glass diversion and that glass recycling has community support. How this will be addressed other than under objective 4 of the Draft WMMP is not clear.

Councils kerbside recycling collection uses a commingled collection methodology, where all recyclable material is collected in one bin. While this is convenient for the resident, commingled collections can lead to a loss in value of some recycling materials due to contamination and is part of the reason the majority of glass is currently sent to landfill.

Nationally, the source separation of recycling at the kerbside is receiving renewed interest as Councils and contractors strive to keep glass separate to other recyclables. The kerbside sorting of glass, i.e. keeping glass separate from all other recyclables, instead of co-mingling, has been shown to result in the following:

- A significant increase in the volume of glass that can be recycled (cullet);
- Reduced contamination of other materials, such as paper, that will allow for higher value onshore processing;
- A reduction in the use of virgin material; and

To maximise glass recovery and the use of cullet, O-I, New Zealand's only glass manufacture, needs to receive colour-sorted glass, i.e. green, brown and clear (flint).

Over recent years, the Council has been on the receiving end of negative media coverage when it was disclosed that collected glass was in fact being sent to landfill.

This WMMP consultation process provides the Council with the opportunity to ensure the collection methodology and processing for container glass is progressed; especially considering that glass is 100% recyclable, right here in New Zealand.

Alternative options to kerbside glass collection is to extend the number of glass bottle banks throughout the district and to increase public access to these facilities. There is also the possibility for Council to work with the kerbside contractor to provide a specific glass drop off facility at their processing yard. This approach would provide colour sorted cullet for very little effort and could be operated alongside a kerbside collection. This is an approach already operated in many areas of New Zealand.

### Summary

The Forum supports the actions that will lead to increased glass recycling for kerbside recycling contained within the WMMP. There is clear evidence that this approach, along with other initiatives proposed by council will improve both the quantity and quality of glass cullet supplied to O-I for recycling.

The forum believes the consideration of a 'glass out' recycling collection along with increasing the number of the bottle banks and the provision of a glass drop off facility at the kerbside contractor facility will reduce the amount of glass sent to landfill.

Kind regards

# DONAH

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Appears very logical

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling



# DOUGLAS PARKER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

No

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

# EDEN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Zero waste do it all. Educate the people. Improved bin systems.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Sort it out

# ELEANOR TRUEMAN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I hope that the recycling to be collected in the future will actually be recycled; it is very disheartening to know that even if I am being diligent about recycling, most of it has been going to landfill.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

For some larger garden waste, yes, but we have a home worm system, and our own compost heap, I would only use a kerbside collection occasionally.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

No glass should be going to landfill; I support any efforts made to divert it from landfill and reuse and recycle it.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Education means people understand why they need to buy in to recycling and waste management. They have to know that if they care, they will actually be helping reduce the problem. Currently people care, but most recycling goes to land fill, and that is a terrible thing.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Are there any services not currently offered at transfer stations that you would like to see?

Waste electrical goods recycling.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes.

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

If people are making the effort to recycle, please don't continue to send it to land fill. If people are making good efforts, reward them, and get them on board. Make it attractive for people and businesses to do the right thing, because currently, there is no incentive to recycle and reduce waste. The same outcome happens whether people and businesses put effort in to do the right thing, or if people put no effort in. It all goes to landfill.

# ELLIE SEABROOK

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I would love to have a proper collection of organic waste such as compostable matter, as certain areas in queenstown are too compact for large enough gardens to compost at home.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes



### Q. Please explain your above answer:

As a tenant I am unable to compost at home for a few reasons. Mainly the upkeep of the compost cannot be guaranteed if and when I have to leave the property. Also we don't have the space. N.B the above link about home compost does not work.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

I agree with more glass being recycled.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

I am very keen to minimise my waste yet I had no idea about the subsidised home composting. To me that says that I have not had access to this information even when actively seeking it. Therefore there needs to be more communication about this.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

### Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Supermarkets need to take more responsibility with the amount of packaging (especially unnecessary packaging on fruits and veggies). If there's less packaging there then I believe that would impact on the amount for waste.

Introducing a compulsory change for plastics bags in all shops too.

Creating a system where people get an incentive to recycle would help greatly. E.g money for bottles etc.

Thanks for the opportunity to voice my thoughts.

# EMMA WATTS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Living in a flat in town (as many do) means that having a compost or bokashi is not possible.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

More infor for kids in school as well as stuff for adults

Q. If you don't use the transfer stations please let us know why:

None - we place all of recyclables into the blue bins thats are collected. These are communal and unfortunately not everyone know how to use them e.g. not tied up in plastic bags, what is actually recyclable and cleaning before putting in - I've also seen other residents in the complex put recyclables in the yellow lidded waste bin :-)

Q. Are there any services not currently offered at transfer stations that you would like to see?

I would love to clothing bins - when I lived in Mapua (Tasmin) we had clothing bins - stuff that was resellable was given to charity and stuff that was past it's best was recycled. I've seen op shops in the QT | Wakatipu throw the stuff that's past its best in the landfill waste.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

electrical stuff as well as the stuff you mentioned

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We need to do more, educate more and ban single use plastics and provide alternative options for single use plastic.

# EMMA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Are there any services not currently offered at transfer stations that you would like to see?

Household Batteries collection  
Fabric collection

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Hazardous waste

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Place 'refuse' at the top of the sustainability hierarchy in order to cut down on single use items.

Surely we could ban plastic straws as a town? Visitors who aren't aware of the issues caused by single used plastic would learn about why and take their new perspective home

More rubbish bins along the lake track

Plan to reduce commercial building waste - it's a significant chunk of our overall waste and as growth shows no signs of slowing down we need to address it sooner than later.

# ERROL CARR

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

Use existing garden / household composting system

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Keen to see equipment developed so that glass can be recycled for new bottles / containers - or use for other industrial purposes (compacted hard-fill etc).

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling



Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

And also all the plastic!!

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Many people have no idea what is happening with the green waste in the land fill, also we need to nurish our soil!

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes!

Q. Please explain your above selection of 'other':

Everything else we cand re-use or recycle (reconstruction, broken furniture)

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

More plastick recycling, please

# EWAN MILLER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

> From: Ewan Miller [REDACTED]  
> Sent: Tuesday, 24 April 2018 10:31 AM  
> To: Zero Waste <zerowaste@qldc.govt.nz>  
> Subject: Collection containers  
>

Hi i am a resident in Wanaka.

Why can't we have enclosed bins for waste, the current blue bags which if left out dogs and cats tear them to pieces, so rubbish is spread all over the street, the black bins that are provided are hopeless in the wind, once again paper and plastic are spread all over the place.

In the Christchurch City Council they provide three wheelie bins, one for Garden Waste, one for Recyclables and one Landfill, these are all part of your rates. I believe by doing this they cut back the waste going to the landfill by a third. They are picked up alternative weeks.

Central Otago District Council have the same system, which is also included in the rates.

This system would save labour costs and keep the streets and road sides considerably litter free.

Please take time to consider this suggestion.

Kind regards,

Ewan Miller.  
[REDACTED]

# FELICIA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I would like to see plastic getting recycled as it has the biggest impact on our environment. Glass and organics are a start but the real problem is the excessive use of single use plastics and what to do with it after.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We are already recycling organic waste over the warmer months and would love to use kerbside collection for the colder ones.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Are there any services not currently offered at transfer stations that you would like to see?

Plastic recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

absolutely !

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I think items such as plastic bags , plastic straws and the likes should be banned across the district.

# FRANK HAUGHEE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

No, because I plan to compost all organic material, but it is important for visitors who may not compost as readily.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

It is so good to hear experts explain away misinformation and help us learn how to be more responsible with our waste. Social media, posters, and live talks should be incorporated. Volunteers should also be utilized and have material readily available. It would also be good to see a ban on plastic bags at the grocery store.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling



# GAIL BARRETT

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We have a significant amount of garden waste which we cannot dispose of and are not allowed to burn, so a pick up scheme would be very useful

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

With so much glass being produced through hospitality in QT we must be able to extract this and make it cost effective to recycle efficiently.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

The more people who are informed, the more who will participate.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

I know this is abroad and so cannot be compared, but places like these are a pleasure to use and recycle the majority of items brought to them.

<https://www.cambridgeshire.gov.uk/thriplow-recycling-centre/>

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

<https://www.cambridgeshire.gov.uk/thriplow-recycling-centre/>

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Reducing or eliminating fees at the transfer station would encourage more people to use it. Money raised from commercial waste or the selling of the goods donated from recycling might help offset this. Charging for the disposal of goods encourages fly tipping. With the current issues surrounding freedom campers, we should be encouraging people to dispose of their waste correctly, I'm sure no backpackers will want to pay to throw away their bag of rubbish, so it either gets left or put into CBD rubbish bins.

# GARETH HARCOMBE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We have a compost bin - this eliminates any organic waste. It would be great if this could be encouraged in some way. It would also be great if our glass could be recycled in some way.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We have a compost bin already, and as a result, would not need it.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Glass is a fair portion of our recycling, and in other households I'm sure would be much higher (more beer/wine bottles etc.) If we could prevent all this from needlessly going to the landfill it would undoubtedly be a good thing.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Awareness/education can only help.

Q. If you don't use the transfer stations please let us know why:

I am not sure where/what the transfer stations are.

Q. Are there any services not currently offered at transfer stations that you would like to see?

N/A

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

This would be great - "One man's waste is another man's treasure" - especially for environmental groups who would be willing to reuse these materials (Boomerang Bags for curtains)

# GAVIN BARTLETT

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Inconsiderate positioning of wheelie bins and rubbish bags on cycleways and footpaths is also a continual problem each week, and it is often impossible to navigate past these obstructions without physically moving them. The first step would be education (by leaflet, Scuttlebut) about courteous placement, timings (eg out no earlier than 5pm the night before, back in the day of collection), and reminders to those not complying. Increased enforcement against motorists parking on footpaths would also help make life easier for footpath users, and therefore encourage use.

# GEMMA HODDINOTT

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Construction waste should also be addressed due to the high percentage of these products going to landfill, This is higher than the organics and glass.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

If there was a suitable commercial composting service this would be a good initiative

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Reducing glass from landfill would be ideal.  
Having a separate glass recycling bin and onsite glass recycling at collection in the trucks would work. As per bigger cities such as Wellington and Auckland

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Educating residents about how to recycle effectively and ensure what is going into the recycling bin can be recycled- cleaning cans and rinsing bottles etc.  
Encouraging reducing organic waste going to landfill by educating and providing a commercial service

Q. If you don't use the transfer stations please let us know why:

I use the curb side collection

Q. Are there any services not currently offered at transfer stations that you would like to see?

Glass recycling  
Organic waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes! Wanaka Wastebusters is setting a good example



## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

There is a high percentage of waste going to land fill from construction. I feel more needs to be done about this as well. Community groups could be approached to use the off cuts of timber (18.9% going to landfill). This could be used for fundraising, making products to sell or the general public to purchase.

Waste collection for residents: Wheelie bin prices should be higher to encourage people to minimise waste. If there is more recycling including organic waste disposal then households wouldn't produce as much and wouldn't need wheelie bins. OR reduce collections to fortnightly.

More backing of community groups such as Sustainable Queenstown for education of the general public

# GERARD HALL

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

i do support provided the economics, i.e the total cost to consumers, property owners is realistic and affordable. all costs, indirect and other need to be put in front of the community.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

would depend on the cost.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

needs to be practical

Q. Would you like to see more information and education about recycling and waste minimisation?

No

Q. Please explain your above answer:

most people already know , imo far too much money and time is wasted in advertiisng and education programmes.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

no

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

no

# GOEDELE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Plastic reduction/recycling should also be a key focus, as well as glass and organics. Paper/carton recycling should also be made available.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

Appropriate home composting should suffice. Additional drop off for garden waste should be made available.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

With such a pristine natural environment around us, we should try our utmost best to reduce, reuse, recycle instead of filling landfill with products that will remain there for hundreds of years to come. Make it a priority, this is important.

# I DON'T WISH TO SAY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# INGE BAHLE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

The focus should be on reducing waste in the first place, then reducing waste to the landfill/recycle. The council's focus is too narrow.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We compose all our garden waste ourselves.



Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

It is a shame for the council that glass collected currently is going to the landfill!

Q. Would you like to see more information and education about recycling and waste minimisation?

No

Q. Please explain your above answer:

Enough education out there already. Meaningful action is needed.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. If you don't use the transfer stations please let us know why:

Use Wanaka Wastebusters and usually end up not needing to go to the landfill as they can recycle almost everything.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

I am using Wastebusters mainly and I think there concept is great. It seems nothing goes to waste there. More of that, please.

# JACQUELINE AMREIN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We don't have a huge amount of space for compost etc although we are trying but a kerbside collection would be really helpful!

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Glass shouldn't be in landfill! If we can find a better solution, that would be ideal. Anything is better than waste going in landfills.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I'm not sure how but more advertising needs to happen. Numbers aren't showing up to the presentations.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

It's a lot of work but if the money is/will be there then why not. Reduce the amount going to landfill as much as possible.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

The importance on recycling properly needs to be known.

# JADE LIU

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Why not make Queenstown plastic free!

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Can we please ban single use plastic items like straws, bags and takeaway cups from all of Queenstown!

# JANE MCLEOD

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

4 April 2018

To whom it may concern.

Nicky Grey – Enviro-schools coordinator

Our centre has been part of the Enviro-school programme since 2010. In this time, we have moved from being a Bronze Enviro-school to being awarded a Silver and are currently being supported into reflecting on a Green/Gold Enviro-school award.

It is important to us that we not only teach but support and guide the children to learn about sustainability. We empower our children by encouraging them to sort their scraps for composting, feed our chickens, feed our rabbit and the wild birds. We actively support Monarch butterflies in the wild through our Butterfly House which was funded from an Enviro-school grant. Likewise, the rainwater harvesting system using old wine barrels from Chard Farm has local links and teaches the children about the importance of the water cycle. All this knowledge is consolidated through our Nature Explorers programme.

Nicky Gray is our Enviro-schools coordinator and has been a font of information and support to our centre. She has guided us with her reflective approach that supports our teaching cycle and widens our knowledge of our environment. We appreciate and embrace this support to further our journey as an Enviro-school.

Kind regards  
Little Earth Montessori Queenstown

# JANE SCHEIB

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

No

Q. Please provide any further comment here:

I am in favour of council finding private investors to invest in an organic waste project as they will have unlimited resource in the Wakatipu/Wanaka areas. I am against council investing in such a project.

Q. Would you use collection services if they were available to you?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes



Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I do my own composting of all vegetable matter and garden waste.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I would like to see all commercial business in the food and hospitality industry recycling their glass in special containers and encouraging all visitors and hospitality workers to follow this practice.

I would like to see some of the producers of the glass ie alcohol producers taking some of the responsibility in this in the long term such as offering refunds on glass bottles to be recycled.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Hospitality and hotels/apartments/motels etc. need to ensure their visitors and staff are recycling properly. The council should be providing appropriate bins for this purpose.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. If you don't use the transfer stations please let us know why:

I do use it because I have no pick up in my rural residence.

Q. Are there any services not currently offered at transfer stations that you would like to see?

Coffee shop :}

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

YES - EVEN OFFER IT FOR FREE LIKE IN THE OLD DAYS.....

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I WOULD LIKE TO SEE A MOVE TOWARDS THE PRODUCERS OF THE WASTE TAKING SOME RESPONSIBILITY FOR THEIR CONTRIBUTION TO THIS. I REALISE THIS IS A NATIONAL PROBLEM, BUT WE HAVE TO START SOMEWHERE - BAN PLASTIC BAGS IS A GOOD START!!!

# JANE SHEARER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I would prefer the also see a waste REDUCTION focus - charges that encourage people to reduce the waste they create.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We make our own compost

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes. Wanaka Wastebusters is a model to aspire to.

# JANE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Surely the amount of building/construction waste must far outweigh the amount of organics and glass sent to waste- why not try and control that at the same time?  
I do agree that better recycling of glass should take place however.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

I am very happy to compost kitchen waste but it is very hard to get rid of large items of garden waste without going to the dump. A garden waste organics bin supplied by the council like in other cities (eg Melbourne) would be great.  
by the way your link on this page does not work!!

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

I would like to see more places where you can take glass for recycling. The current drop off in Glenda Drive does not separate all glass bottles- only clear and green not the yellow bottles- I dont know if this makes a difference or not. Often when you go there the bins are full to overflowing

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

I think what can be recycled should be drummed into everyone using the waste system every year. Often people are still unsure as to what goes in the red bin and what goes in the blue bin which must be frustrating for the handlers.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

### Q. Are there any services not currently offered at transfer stations that you would like to see?

Great service although quite expensive to drop off a trailer load. I wonder if this encourages people to dump illegally?

I would like to see Camper van users educated more about where to dump rubbish- often you see them trying to cram rubbish into bins outside shops, supermarkets etc!!- these bins were not designed for this purpose!

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Good idea but hard to manage?

Does anyone really want to buy a washing machine or similar that someone is throwing out because it doesn't work in the first place??

Good idea for furniture maybe and kitchen items

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Personally I think the waste management is pretty good. But if the main drive is to reduce landfill then concentrating on glass and organics is probably not going to change the landfill that much. It's the big items from construction sites and roading etc that needs to be addressed. At critical stages a skip bin a week can be used at one residential build.

# JEN MATIU

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We live in a camping ground but yes I would.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Please explain your above answer:

I was shocked to learn the qtown doesn't recycle glass

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

We personally try and go as zero waste as we can. We don't buy anything packaged in plastic.  
Others need to change their habits too

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

# JEN MCGIRR

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

This is an excellent idea and does occur in some other parts of NZ. I feel like this makes it more accessible for the community to divert green waste and food waste out of the general rubbish stream. Not everyone has the room or the interest to compost at home.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I am very open to this. Our family is already using the local bottle bank.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I think that we need to keep this subject topical and regularly communicated, including reminders of what can be recycled via kerbside collection and tips on waste minimisation. I feel that the local community would be receptive to this information. Perhaps an education programme targeted at holiday makers would also be worthwhile.

Q. If you don't use the transfer stations please let us know why:

We utilise the kerbside collection and have not yet had a need to visit the transfer station as we haven't been in the district for long.

Q. Are there any services not currently offered at transfer stations that you would like to see?

Do the transfer stations run any kind of annual waste amnesty for specific waste e.g. paints, oil, chemicals, tyres etc - for domestic customers only? This can be a good way to encourage the community to correctly dispose of certain wastes rather than just putting it in the kerbside rubbish.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Very excited that QLDC are committed to waste minimisation.

# JENNI

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

If possible I would like to see the council provide kerbside composting for household food waste

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

I'm aware of the subsidised composting system the council provides but due to living in rented accommodation none of the home composting systems really seemed viable or sustainable and I don't have a need for the compost it produces. A kerbside collection would encourage much more people to compost their food scrapes especially those who are here short term or who don't have gardens etc.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

Any moves to improve recycling seem like a good thing!

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Recycling isn't really a good solution to our waste problem. We all need to work on producing less waste and be less accepting of plastic packaging in general. I think more education on reducing single use plastics and waste is important. Also I think education about what can actually be recycled and what condition it needs to be in (i.e. rinsed) is really important.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

### Q. Are there any services not currently offered at transfer stations that you would like to see?

I'd like to see E-waste recycling and battery recycling as well.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

I think that would be a great idea.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I think kerbside composting is a really important step. I would like to see more emphasis on reducing waste produced in general like encouraging people to use reusable bags, cups, cutlery etc - perhaps for big events held in town they should have a zero-waste requirement. Also we recycle soft plastics at the supermarket - maybe this could be expanded to kerbside as well.

# JESS CLARK

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We need to have wheelie bins with lids for recycling.  
Hawea is a windy area and recycling gets blown out of the black bins before collection.  
Other areas in the country have implemented wheelie bins for recycling to mitigate this problem.

Wheelie bins for rubbish would be good too but the priority for me is recycling.  
Dogs, rats, mice, hedgehogs and other pests get in to rubbish bags before collection. Yes I know that dogs should not be wandering but it happens and wheelie bins would stop all pests before we stop all dogs wondering.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes



Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I have bokashi and worm farm composting systems but I want to keep all my compost for the garden!

BUT I think collecting garden and food waste is a great idea. Possibly complicated but if it could work then great for those who dont want to keep it. It would be FANTASTIC if the garden and food waste could be used and turned in to an asset.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Always keen to support less waste.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Schools, child care services and business's are not doing it then that needs to change. Education or support to facilitate a system being put in place? Or is it about culture change? Is education the answer to make change?

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. If you don't use the transfer stations please let us know why:

If we miss the local pick up and the bin is over flowing we take it to the local Hawea refuse station.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Research must already exist to tell us what needs to happen to make change. Be brave and make changes for the better.

# JESSIE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Plastic separation

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Put more responsibility on the businesses.

After working 3 seasons at the ski field it is unbelievable how much is put into the landfill.

Have the sushi restaurants serve take away in paper based containers,

Ban straws in the bars and restaurants.

Etc.

# JIM & FRANCES COWIE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We believe the current kerbside waste collection system (2 open bins and blue bags) should be dispensed with and replaced by lidded wheelie bins for the following reasons:

1. The blue rubbish bags are often rummaged through by dogs when left out over night or the collection time is later in the day - the result, rubbish, often offensive organics, is strewn about the street and the collectors will not pick it up.
2. The contents of the open bins for 'all other recyclables' (plastic bottles, paper and cardboard) are often blown out of the bin and scattered down the street. Further the contents can become rain soaked.
3. Wheelie bins with lids overcome the problems referred to above.
4. The cost of blue bags obviously goes towards off-setting/reducing the rubbish rate but, as in many other jurisdictions, the cost of a total wheelie bin system is simply built into the rubbish rate. Further, blue bags add more single-use plastic bags into the waste stream.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We compost all our food waste and mulch garden waste.

We have some doubts about kerbside organics collections because:

1. the cost will be high for a collection service that will be 'patchy' for individual properties ie. occasional, seasonally determined.
2. ratepayers who responsibly compost and mulch their organics will end up subsidising those who don't.
3. having lived in two cities that had organics collection, bins were often over-filled leading to rubbish in the streets, and unhygienic.

A better alternative is that ratepayers are encouraged to use a local organics disposal depot where the cost is subsidised by Council

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Glass should simply not be going to landfill. However, if the economics of recycling it are so bad, then the least Council should do is crush all glass to reduce the bulk in landfill.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Of course - who wouldn't want to see more and better information in both areas. But where we believe information and education has been particularly lacking is in the area of waste minimisation.

And this is because individually it is hard to do, eg. individually we often have no choice but to accept items in the packaging they come in. Waste minimisation, to be effective needs to start at the macro or industry level, ie. the supermarket and building supply companies and chains for example. Local government and central government have a responsibility to lead on this issue, but we see little enthusiasm or evidence that they are doing so. Both are abrogating their responsibility it would seem for fear of upsetting 'big business' and instead leaving it to local grass roots groups to effect change.

Along with more information and education should go COMPLIANCE, ie. more rigorous sanctions for those who do not comply on the reduction of and illegal disposal of waste, especially waste that is harmful to the environment and public health.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Scrap metal / whiteware

### Q. If you don't use the transfer stations please let us know why:

Only occasional use of the Wanaka Transfer Station when there is no recycling/reuse option.

### Q. Are there any services not currently offered at transfer stations that you would like to see?

Not that we are aware of.

### Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

With Wn Wastebusters this is not an issue. The greater Wanaka community is fortunate to have the services of wastebusters.

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

1. Tourist-derived waste is high in the lakes district and collection of it, and cleaning up when it is illegally and irresponsibly disposed of, is a cost to our small ratepayer base. QLDC must continue to lobby central government for some form of tourist tax or levy to offset this cost.

2. Waste minimisation, sorting of and recycling building materials has for too long been overlooked and needs to be addressed urgently. The building industry has for too long been able to get away with building waste disposal on the 'one skip fits-all' basis. It is not good enough for Council to simply say that the construction industry will address this issue - it will not! And to suggest any real action on tightening up on construction and demolition waste be delayed ("not focussed on") for the next 6 years is totally unacceptable.



Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

no good without education of the population at same time... is that factored in?

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I use Bokashi bins and greenwaste... however, I would really like to have access to kerbside as a choice.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

how is Wanaka in the Wakatipu Ward?

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

You will be aware that many of the people populating the area are visitors. Many households are rented and visitors accommodation makes up a large amount of consumers and bed-nights . Access to info , ongoing ease of information is important. a one off education programme will not capture the transient, and new-comers. Another Rubbish collection day in town and another day where rubbish is spread around bins, poor recycling habits are obvious, and torn Blue Bags are gotten into by animals scavenging for food scraps.

I wonder if this could be different?

The population of Wanaka has grown rapidly over recent years- consequence: the new residents are not aware of what is rubbish/recycling habits are appropriate. It is also obvious that many households are short term rented and have guest staying- consequence: people do not know what recycling service is available, or how to manage rubbish collection.

How about an rubbish education plan? Is there one?

I didn't see anything in the 10 year plan.

Suggestions

QLDC could produce and provide a pamphlet or magnet for each household outlining how to manage rubbish and recycling for collection. (Not a booklet, but a quirky graphic leaflet/magnet)

Something tangible to be referred to, whether for a long term resident or short term visitor. A reminder or quick reference)

This could be provided to each household... enabling education and awareness.

Here's a chance to be proactive.

When was the last time this information was distributed? (people aren't going to look up a website for this information- make it easy for them)

Things that stand out could include;

- "Out at Gate by 8" (not the night before when animals can tear bags to feast on food scraps at their leisure) (Face it, you can't control straying animals at night.)
- Encourage composting, get the food out of the waste stream- make it easy for guests. Eg Bokashi bins- It's super/great that QLDC subsidising the bins, however,

people need to know about it) even better- organic waste collection such as Christchurch has.

- Recycling: list what is recycled eg #1-7? Paper, Card, Tins, Glass
- Point out the importance of clean recycling items, flattened card, piled papers, lids of containers and bottles (as Wastebusters does not have to contract for kerbside, they no longer provide that information as they used to- day's gone by)

Regardless of whether 'recycling' is contracted out, ultimately the bigger goal is to reduce the amount of waste to the landfill... So educating people at the household level, reduces the amount to gets rejected at the end of recycling sorting, and ends up at in the landfill anyway.

Plus, what goes on at the kerbside falls into the QLDC's lap... clean streets, reducing methane gas in landfills, rubbish collection ease...all benefit the QLDC community, and the global impact we humans have.

So, this is my suggestion. Please consider it.

This I write after I spent the morning picking up rubbish, rebagging food infiltrated blue bags, and mis appropriate recycling. It happens every week, to some level, somewhere along the township streets

Thank you for your consideration.  
E noho ra

**Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):**

Recycling

**Q. Are there any services not currently offered at transfer stations that you would like to see?**

organic wastes  
free greenwaste

**Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)**

not in opposition to Wanaka Wastebusters.... electrical

Q'twn needs what Wanaka has... perhaps QLDC could ask WWB to set up what is doing well in Wanaka...WWB, as they have in Alexandra

**Q. Please explain your above selection of 'other':**

wanaka wastebusters

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

It seems as though this survey is for Wakatipu area, as WWB already sets high standards for the removing waste from the landfill waste stream.

Education - ongoing is essential. A sense of the importance of why we need to reduce the amount going to landfill.

Another option would be a local media focus... ie funding being made available for a short clip to be played at local cinema's to educate both locals and visitors alike. bigger picture view- down to households....

Show/demonstration of how to recycle.. the why?, what?, how? where?, when?... and goals for future.

Such a thing would capture a big audience and provide a positive proactive approach...

(the old wastebusters one is about 8 years old now)

As well as something like a magnet or small flyer for each household and something for visitors centres.

Action without education is not hugely efficient.

# JOEL

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

Many people in our region do not have large amounts of garden area to support a big composting pile or are not aware of how to do one.

Also with the number of Airbnb type accommodation high in our region, visitors may not consider composting an option. By Providing a curb side collection via small food waste bin or garden waste bag we have the best chance on minimising food scraps heading to our landfill.

Systems of this nature are run effectively overseas with large uptake from local residents

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

A change to the way recycling is collected would be a simple step to ensuring effective recycling.

Seperate bins or bags for glass for example would be one way to do this. This would need to be supported by education for both locals and visitors of how our bin system works and clearly labelled bins in public spaces.

Alternatively the council could look to set up glass drop off points where people take their bottle to a bottle bank and all other recycling is collected from curb side.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

A wide range of eduction across multiple platforms and leveraging local radio and social media will have greater reach at a reasonably low cost.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Only if goods could be guaranteed, normally there is a reason something is being thrown out, would seem silly to then give it to someone else if its not fit for purpose.

# JOHN GLOVER

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Glenorchy

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

4. Waste management We request :- 1) Funding be provided for public waste collection at 2 to 3 rural locations located on the route along which the waste collection contractor currently passes. Rural ratepayers are increasingly having waste dumped in their bins by passers by in the short time between emptying and them being able to retrieve the bins which have to be left up to 20kms from their property. 2) The frequency of emptying public waste/recycle bins in the town centre/ waterfront area needs to be increased to at least twice a week as we frequently have overflowing waste blowing around our waterfront reserve and marina area. 3) In order to minimise the amount of waste produced by the community we would like Council to explore how better use can be made of the area in the town where green waste is currently processed. We would like to see options for storage/re-use/recycling of clean fill / composting/ whiteware /scrap metal and re-usable timber.



# JOHN GLOVER

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Glenorchy

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

John Glover, Chair Glenorchy Community Association

Email: [REDACTED]

Location: Glenorchy

I wish to speak at the hearing Ph [REDACTED]

---

I'm giving feedback as an: ?Organisation

\*I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.? I understand

Name: Email Address: Phone Number:

\*Would you like to speak about your submission at a Council hearing?? Yes

Kerbside Collection

Where do you live?? Glenorchy

Are kerbside collection services available in your area?? No

Kerbside collection in both Township and Rural area has made a big improvement to The Head of the Lake waste management. There are now issues that need further refinement:

Rural bins are collected kerbside, however if the empty bins are not retrieved by residents in a very short time, public waste is often dumped in the bins. We are proposing a new camper rubbish site in Glenorchy aimed at helping to minimise waste dumped in these bins and the waterfront bins; other suggested improvements

could include: additional public collection bins in a couple of rural locations - eg Dart Bridge

We should also look at compliance of collection contractors to ensure adequate collection, and minimisation of (for example) fly-away waste which ends up on the side of the road.

We would also look to do regular clean up along the Glenorchy and Rees Valley roads – Currently locals are undertaking clean-up of the road verges Rees Bridge to Glenorchy on a random basis, but there is an opportunity to go community-wide. We would seek Council's support in some degree of traffic management to ensure the safety of volunteers and expand the number of verges cleaned up.

## Waste Management and Minimisation Plan 2018

In developing our Waste Management and Minimisation Plan QLDC has chosen to focus on getting glass and organics (garden and food waste) out of the landfill. In addition, the focus is to ensure existing services best meet the needs of the district over the next 6 years. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Please provide any further comment here:

Sustainable Glenorchy supports the focus on minimisation and management of organic waste and glass and support these measures to improve our performance over the long term.

Public rubbish bins in Glenorchy:

The small size of bins (relative to volume of waste) and the low frequency of collection means bins on the waterfront are often overflowing or overfilled.

We would propose a campervan rubbish collection station aimed to minimise the large items in bins (i.e. shopping bags full of household waste). We suggest a station located opposite the fire station, recessed into the current tree-line and roofed-over with lidded bins for household rubbish, glass, recycling and composting. Promotion through DOC, camper apps and localised signage (both within Glenorchy and at tracks) would also be required. We would seek to investigate funding options, potentially through the "tourist tax" and / or coin operation and / or donation boxes.

The site would also provide an opportunity for educational material at the station to raise awareness about waste treatment and waste minimisation.

## Organics recycling

Garden material and food waste (organics) makes up around 16% of the material that goes to landfill. Home composting is encouraged and supported with subsidised home systems

available to locals. More info here: <https://www.qldc.govt.nz/services/rubbish-and-recycling/other-waste/home-composting/> Are you aware of this subsidy?

Yes

Would you use a kerbside collection service for garden and food waste if available?

No

Please explain your above answer:

Our vision for Glenorchy is to be the most sustainable township in New Zealand and this starts with dealing with our own waste locally where possible.

We have notified members of the subsidy for home composting systems.

The Glenorchy township currently has a garden waste scheme and would seek to expand and improve this as a low-impact method of encouraging greater participation in these schemes without the overhead and carbon footprint of vehicular kerbside collection.

Suggested improvements to the Glenorchy green waste facility could include: improvements for payment collection; concrete pads for the collection site and segmented bins to separate topsoil / small gauge waste / larger gauge waste for firewood; assessment of potential commercial models to provide and improve access to the facility.

SG / GCA are aware of and support the submission by Camp Glenorchy to assess potential for a local composting solution. We would also be supportive of Dr Compost running some community forums to improve education in the area and reduce food waste going to landfill.

We would also like to investigate a compost bin at the proposed campervan rubbish collection site opposite the fire station.

## Glass recycling

The proposed plan aims to recycle more glass currently going to landfill. This will require a change in the way glass is collected. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Please explain your above answer:

## Waste Education

The proposed plan recommends we continue with the existing level of community education and information on waste minimisation, recycling and waste services. Would you like to see more information and education about recycling and waste minimisation?

Yes

Please explain your above answer:

Whilst many of the proposed changes in the WMMP focus on management or treatment of waste, we are very supportive of waste education to enable further minimisation of waste in the District, earlier in the chain, before it reaches landfill.

We would be keen to see council explore incentives for retailers and consumers to take greater responsibility for the waste generated in manufacture, supply and sale of their products (i.e. not just food retailers). In particular to look at reduction in the use of plastic straws, takeaway coffee cups and plastic bags.

Transfer stations

Do you use the QLDC transfer stations for any of the following services? (Tick those that apply

?)

Recycling? - No / n/a Rubbish? - No / n/a Hazardous Waste ?- No / n/a Garden Waste? - No / n/a Scrap Metal / Whiteware? - No / n/a Other [please explain] ?- No / n/a

If you don't use the transfer stations please let us know why:

This submission is on behalf of an organisation and our membership varies in their use of transfer station services.

Are there any services not currently offered at transfer stations that you would like to see?

No

Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes. For those items not currently repurposed or sold through the existing thrift store networks (Salvation Army, Happiness House) we support the opportunity to take further steps at transfer station facilities to minimise waste going to landfill.

We would support investigating a more regular (kerbside) inorganics collection in the District – encouraging people to forage before it gets to landfill!

Final thoughts

Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We would like to see additional action taken to understand and treat the sources of construction / building and demolition waste in the WMMP. The responsibility to deal with construction waste needs to reside with the Constructor and dealt with in a compliant method – much like toilet facilities for staff.



# JUANITA JONES

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I thought glass was already recycled??

Suggestion: As incentive for garden and food waste, can mini compost bins be issued to residents? Otherwise residents will continue to be lazy and throw away organics in the rubbish collections.

I feel the main factor contributing to recyclables ending up in land waste is tourists - residents/majority of kiwis are very conscious of recycling however I have noticed both here, on the Gold Coast (where I'm from) and while I lived in Auckland for 8 years, areas that are draw cards for tourists seem to have more litter.

Educating and encouraging tourists to recycle and not litter will help, and perhaps employing a "litter warden" to issue warnings and fines for those noticed littering will show that we do in fact enforce the strict "no litter policy" that is stated on the "Welcome to Queenstown" sign on Frankton road (which isn't an overly obvious sign...that always has litter around it).

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Only made aware of subsidized home systems available to locals after doing this survey - great initiative.

However not everyone enjoys gardening or dealing with making their own compost, also a lot of houses are used for Air BnB's therefore tourists/visitors to the area and businesses i.e. restaurants, hotels will benefit using kerbside collections.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

No

Q. Please explain your above answer:

Excuse my ignorance but what's stopping people placing glass in the recycling bins already provided? Would this be an extra cost for rate payers if it's changed?

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I feel the main factor contributing to recyclables ending up in land waste is tourists - residents/majority of kiwis are very conscious of recycling however I have noticed both here, on the Gold Coast (where I'm from) and while I lived in Auckland for 8 years, areas that are draw cards for tourists seem to have more litter.

Educating and encouraging tourists to recycle and not litter will help, and perhaps employing a "litter warden" to issue warnings and fines for those noticed littering will show that we do in fact enforce the strict "no litter policy" that is stated on the "Welcome to Queenstown" sign on Frankton road (which isn't an overly obvious sign...that always has litter around it).

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes - perhaps charity bins for goods that are able to be reused that can be sold with proceeds going back into the community or donated to those in i.e. homeless, in poverty, just recently lost home due to natural disasters and having to start again. Better sense of community.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Employ marketing tactics to communicate zero tolerance to litter and education regarding recycling and sustainability.

So many channels that are affordable and effective i.e. social media adverts, radio adverts...also can get local schools involved in "Clean Up Queenstown" day where they can dress mufti or in theme and spend an hour or half the day out in the fresh air collecting rubbish (any excuse to get out of school).

Also employ a person to go around and collect litter as the street sweeper just sweeps it about, can't go onto the grassy areas or in the gardens to collect litter.



# JULIA YOUNGMAN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I would be happy to pay a subsidy in order to reduce food waste going to landfill. Our household aims to have zero food waste in our rubbish collection and having a kerbside collection for this would greatly benefit us!

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I didn't realise we couldn't recycle glass here so I am 100% behind this, ASAP!!!

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Education is the most important part of this whole process!

Q. If you don't use the transfer stations please let us know why:

I don't have a car but if I needed to use these services, I would.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes! Even a monthly hard rubbish kerbside collection would be awesome! (They do it in the States!)

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Save the planet! ???

# JULIA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

No

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

# KAT FORDE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

While glass in particular is currently a wasted opportunity in terms of recycling, plastic is a much larger and more damaging global issue right now and should be the main focus of any waste management programme.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Especially with regards to food waste, over consumption and innovative ideas for using food scraps and freezing products for later use.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Scrap metal / whiteware

Q. Are there any services not currently offered at transfer stations that you would like to see?

Clothes bank / donation

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

All supermarkets donating food waste to charity

# KATE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I fully support the focus to keep glass and organically out of landfill, but please also address the issue of plastics!!! Plastic is detrimental to the environment as it breaks down into microplastics, which find their way into waterways, into the ocean, and into the bodies of animals who eat them. High levels of microplastics have been recorded in Antarctic sea ice, and even in sea salt which we buy on supermarket shelves!! Not just microplastics though- in recent times several whales washed up dead have been found to have many kilograms of plastic in their stomachs. And not just whales but turtles and sea birds too.

I believe Queenstown can become a global leader in tackling the enormous issues of plastics by making a few small changes and showing our international visitors what is possible! Ban plastic bags and bottled water at supermarkets, put in more water refill stations around town. Ban plastic straws and in hospitality. Ban plastic cutlery for takeaway food. There are alternative for each of these items!! Offer incentives to local businesses who give discounts to customers who bring their own cups/ containers for takeaway drinks/ food.

And no- I'm not a hypocrite. I have (and use!) a reusable mug and waterbottle for drinks, containers and cutlery for takeout, metal straw, and fabric shopping bags. It's DEAD EASY once you get used to it! In the long term it would be great to see supermarkets refusing to stock items in plastic packaging. Short term we can vote with our dollar and avoid buying those items. It would be fantastic to see the council get on board with a zero-waste initiative. Have an office competition to see who can generate the least amount of waste over the course of a month!

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We already compost and have zero organics going into our rubbish anyway.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Does it need explaining?? Keep glass out of landfill is the goal, changes need to happen to achieve it. I hope someone has looked into Sweden's model of recycling!

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

There could definitely be more education. I've not come across much educational material in living here 4 years, except for a few bits of paper in the mailbox. Again- look into Sweden's model. They seem to have it sorted (pun intended)!

Q. If you don't use the transfer stations please let us know why:

I have kerbside pickup available, and don't generate enough waste to use it even fortnightly!!



Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes please! The less stuff that goes to landfill the better! It starts with people being less consumeristic and materialistic though, and buying only WHAT THEY ACTUALLY NEED. And what they need really isn't that much, and most of it can be bought secondhand, or repaired.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

EDUCATE THE TOURISTS

# KATE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

This is a good start. Education for reducing waste is definitely key too here.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We use our waste in composting & are planning a community composting group. I fully support kerbside collection throughout the district though.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

About time!!!

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

What's already available isn't that visible. We have to go to them not put some words on the web site & expect them to come to us for the information. We need to be proactive not reactive in a big way. There is a true apathy with the mass proportion of the population from mixed messages especially over the last 12 months regarding waste management eg: 'shipping it to China'; 'all our recycling goes to landfill anyway so why bother'... It's up to QLDC to put the facts in everyone's faces in a very matter of fact way - not with cartoons with speech bubbles & 'please will you do this' comments but with commanding - 'this is how it is'; 'if you're not doing this you're letting NZ down not just QLD and yourselves'.

QLDC should be a figure head of change for the better. NZ now has a world wide bad rep as we've been outed as being one of the worst 'developed' countries in the world for waste so it's time to pull our socks up for us & for NZ. We don't want to be overpopulated & living next to and indeed on top of waste dumps do we??

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Battery recycling - make it easy instead of a mystery where to go. Can we go there to recycle batteries??

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

YES!

Q. Please explain your above selection of 'other':

We use the Sally Army store to give back useable goods and buy to re-use too.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Get real, get active, no excuses for apathy. Get on with it!  
We can do it!

# KATRINA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We should encourage people who have garden space to compost most of there food and garden waste.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

As a tourist town we produce a lot of glass waste. We need to find a NZ based option to recycle it.

Q. Would you like to see more information and education about recycling and waste minimisation?

No

Q. Please explain your above answer:

The info is there on qldc'S WEBSITE.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Are there any services not currently offered at transfer stations that you would like to see?

More and better organised recycling. Special shop area for this like wanaka waste busters.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

# KAYSHA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish



# KIMBERLEA SHIPLEY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I feel as a community our biggest concerns lay with plastics. Plastics are considered one of the most detrimental waste products and its effects on our planet are devastating. I applaud the soft plastics initiative taken up last year but I feel so much more can be done in the process to ban current plastics and the use of secondary plastics.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

I currently use the compost bins provided through council and feel collection will make this process faster and easier.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

Our current recycling system is not working, the community need a better understanding of what can and can't go in the blue bins. It is not uncommon in other districts to have several bins for different products.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

The recycling process can be confusing. Soft plastics are being disposed of in the regular recycling bins and going to landfill. Definitions need to be clearer on what products can and can't be recycled at this point in time.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

### Q. Are there any services not currently offered at transfer stations that you would like to see?

As far as I am aware there are no Bottle banks/Soft plastic or clothes bank at the stations. This seems like an ideal location for these to be placed, at the moment they in random spots around the district (Bottle banks) the locations do not seem to have any significance, like they have just found a spare spot and been dumped.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, as mentioned above a clothes bank is ideal and an area could be set aside for any products that could be upcycled.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Better education is key, there is still the rumour that Queenstown does not recycle at all and everything goes to landfill, this needs to be addressed with straightforward answers rather than question dodging.

Humans are lazy by nature and the responsibility falls on our government body to encourage recycling, making this easier with separation bin options is the most obvious solution at this stage.

Plastics do need to be considered, if we do not tackle the plastic problem then there is really no point to anything else.

Pressure should be put on our supermarkets and restaurants to cut down on plastic use, the council have the ability to make a stand and demand a plastic free community.

# KIMBERLEY BERNARD

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

No

Q. Please provide any further comment here:

As you know, glass does not break down. Glass in landfill is dangerous to our wildlife as they get cut, or mistake glass for food or shelter. Glass is incredible in the way that it can be melted down and remade, and it can be reused forever. Glass will outlive us!

But while recycling glass is an important issue and our council should absolutely focus on a reusable or recycling scheme, Plastic is the true problem here. Recycling isn't enough for soft or hard plastics. Plastics cannot break down, in fact they break up into tinier items of micro plastics, easily ingested by seabirds and other marine life. Fish are becoming toxic as their food ingest microplastics, and we are eating those fish and passing that toxic flesh into the bodies of our children.

We need a plastic free NZ. Wanaka is already leading the way, and Queenstown has such a huge international influence that we can be global trending leaders in plastic-free living with the help of the council. We must refuse single use plastics, reduce our intake, reuse what we have, remake what we need, resource what we don't have and as a VERY last resort, recycle.

So yes, concentrate on glass recycling if you must, but you can really hit two birds with one stone here. End plastic consumption, and give glass a second life.

Q. Would you use collection services if they were available to you?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Knowledge is power!

Q. If you don't use the transfer stations please let us know why:

Was not aware of any

Q. Are there any services not currently offered at transfer stations that you would like to see?

Plastics!

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes!!

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

As you know, glass does not break down. Glass in landfill is dangerous to our wildlife as they get cut, or mistake glass for food or shelter. Glass is incredible in the way that it can be melted down and remade, and it can be reused forever. Glass will outlive us!

But while recycling glass is an important issue and our council should absolutely focus on a reusable or recycling scheme, Plastic is the true problem here. Recycling isn't enough for soft or hard plastics. Plastics cannot break down, in fact they break up into tinier items of micro plastics, easily ingested by seabirds and other marine life. Fish are becoming toxic as their food ingest microplastics, and we are eating those fish and passing that toxic flesh into the bodies of our children.

We need a plastic free NZ. Wanaka is already leading the way, and Queenstown has such a huge international influence that we can be global trending leaders in plastic-free living with the help of the council. We must refuse single use plastics, reduce our intake, reuse what we have, remake what we need, resource what we don't have and as a VERY last resort, recycle.

So yes, concentrate on glass recycling if you must, but you can really hit two birds with one stone here. End plastic consumption, and give glass a second life.

# KIRSTEN YOUNG

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I compose my organic waste at home but would definitely be interested in having the option of garden waste collection.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Definitely! I'm horrified all the glass from the massive hospitality industry in Queenstown is ending up in the landfill and wasn't away it was still happening.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

You can never have too much. It needs to be drummed into a lot of people who don't really care about it.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Not sure if there's a small battery recycling facility or not but that would be good.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes



## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

How about the bottled drinks industry takes back their empties and reuses them instead of mass producing them and basically washing their hands of the responsibility of disposing of them afterwards? It works in other countries - 5c per bottle is enough for people to return them to the bottle shop in order to get a discount on their next purchase. I can't even imagine how many bottles come out of Queenstown with it's two million visitors per annum.

# KIRSTIN KANE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We have a bokashi bin for composting food scraps and are dedicated to seperating out glass for the glass collection or reusing it where we can.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

Our compost area is good but it can't consume all our household garden and food waste. We would need a much bigger area and more complex composting systems to handle it all. By providing a quarterly garden cleanup opportunity or a free voucher for garden waste drop off we would be able to handle this more effectively. It is especially difficult to get rid of small branches and christmas tree type waste as we don't have a chipper.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

Whatever we can do as a household to make this better would be great. We would have no problem sorting colours, rinsing and using different bins for this. I would also recommend moving to a once a month collection for glass as it doesn't build up as quickly as paper or plastic.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Education is key to closing the loop on disposing of rubbish in our community. Our children need in school programs to educate them and then follow up at home with personal responsibilities.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

### Q. If you don't use the transfer stations please let us know why:

N/A

Q. Are there any services not currently offered at transfer stations that you would like to see?

Dumping of garden waste for free.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes Wanaka Wastebusters are a fantastic example of reuse and repurpose and we are starting to value this a lot more.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Our kids love going to shop at the 2nd hand stores, long may this continue over the big box stores in Queenstown.

# KRISTEN PRICE

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Submission to Draft Long Term Plan 2018-2028 – Queenstown-Lakes District Council  
Name: Toimata Foundation Contact person: Kristen Price, Operations Manager  
Postal Address: [REDACTED]

We

DO NOT wish to speak to this submission Recognising your support for the Enviroschools Programme – Nga mihi nui Enviroschools is a holistic framework that supports the development of resilient, connected and sustainable communities. Through Enviroschools children and young people plan, design and implement a wide range of sustainability projects in collaboration with their communities. Nationally over 1,100 early childhood education (ECE) centres, primary, intermediate and secondary schools are part of the Enviroschools network – this is a third of all schools and 6% of the large ECE sector. Enviroschools is managed nationally by Toimata Foundation (a charitable trust). We would like to acknowledge Queenstown-Lakes District Council (QLDC) for supporting young people in your district to be part of the Enviroschools network since 2006. Thanks to this long-term support there is now a network of 13 Enviroschools in your district that are part of a larger network of 66 in the Otago region. This network is also supported by Otago Regional Council; in partnership with Dunedin City Council; the Clutha, Waitaki and Central Otago District Councils; Wanaka Wastebusters and Central Otago REAP. Due to increasing community demand for Enviroschools, this submission requests that QLDC work with Otago Regional Council (as the coordinating agency for Enviroschools) and Wanaka Wastebusters to invest in the further growth and development of the Queenstown Lakes Enviroschools network. As part of our submission we have included some background material and key figures about Enviroschools for your information.

# LAURA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Do it like chch 3 different bins!

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes christchurch has it! Why can't we!

# LAURA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Education is KEY! I think it's also important to share this with the tourists who are also contributing to the landfills. If they can learn something and take it home with them, Queenstown can be a great example for the world.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Scrap metal / whiteware

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

# LESLEY ANDERSON

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Because I compost everythin I can, and have 2 worm farms. My garden prunings go to the greenwaste near Waste busters here in Wanaka or are mulched to reuse on my garden or into my compost..

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

It has been done here in Wanaka for a long time , it should have been done in the Wakatipu years ago, as they have lots more glass.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Send out a pamphlet with the rates notices.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. If you don't use the transfer stations please let us know why:

Waste Busters in Wanaka and Alexandra is a great institution, and there should be more recycling like these places. So easy to implement.

Q. Are there any services not currently offered at transfer stations that you would like to see?

Recycling of building materials.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Most definitely. x infinite

And this could include a lot of Building and demolition stuff . It would so easy for building coys to recycle their leftovers at places like Waste Busters if they had more available land . Often I just need a small piece of wood or gibboard required to repair something and you have to buy much more than I need.

**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

The QLDC is taking too long to implement any improvements.

# LINDSEY SCHOFIELD

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I see little in the plan that gives any quantifiable objectives on how and when Council is going to achieve zero waste.

Recycling is just one avenue and is valid but focus should not just be on this. Council can also be involved in more initiatives to reduce wastage in the first place and particularly single use plastics. how about a goal to be a plastic bag free distric - ban single use plastic bags - just do it and we'll see an instant improvement. Also we could move towards banning other single use plastics especially the small 50mm water and drinks bottles. Getting rid of all plastic drinks bottles in council facilities eg rec centres.

Promotion of more sustainable ways of living eg edible gardens throughout the district that those in transient or rental properties can enjoy

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

Have own compost but think it's a good idea.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

As mentioned before we should ban single use plastics and focus messages more on reduction and reusing rather than just recycling.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

Q. If you don't use the transfer stations please let us know why:

Use kerbside collection for all rubbish and recycling but use the fantastic Hawea green waste for for some garden waste that cannot be composted

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes - wastebusters is awesome

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Give the kerbside recycling contract in Wanaka back to Wastebusters instead of the pointless activity of sending our rubbish and recycling over the hill to a company that is not benefitting the district in anyway whatsoever. Wastebusters is a gem and should be treated as such - they do so much good work through education and advocacy and are truly inspirational.

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Should include plastic as a focus.

Should be a requirement for citizens to separate the recycling into separate boxes to improve efficiency for council and residents. one bin for everything is A waste of time as it doesn't get sorted properly.

A up to date pamphlet should be sent to all home owners to say what can be recycled and what can't and also say that it needs to be cleaned before being out out for collection. People are confused about what can be taken and lazy!

Council can refuse to take things which are not on the list of recyclable materials.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No



Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Yes...our garden space is too small for a compost

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

As long as the council promote clearly what needs to be done to make it recyclable!

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

People do not understand the basics.  
Clean. What can be recycled. Etc.

Q. If you don't use the transfer stations please let us know why:

House of 2 with minimal waste. Try to be efficient with what we use. Would use these stations when necessary for bigger items.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes.

Work together with the charity sector. Offer them a donation for clothes rags/electrical items etc.

A lot of the time they have to sort anyway with lazy people just giving them rubbish as donations so offer them an incentive if they help with recycling.

**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Education!

So many people don't understand.

Separate boxes for recycling so council can see what is collected and can be refused if just waste and people can make more of an effort about sorting their own rubbish. It takes time but very effective.

# LIZ COWIE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

The debacle about glass recycling (basically council/ waste collection services hiding the fact that for a long time rate payers carefully sorted glass has just been going into landfill) does mean that getting glass recycling right is a priority.

I applaud a focus on glass and organic recycling, but think that this should not be at the expense of an equal focus on sound policy on minimising single use plastic and polystyrene packaging in the QLDC region, and making sure that plastics can be recycled effectively too.

QLDC should be getting behind such initiatives as 'plastic bag free Wanaka', and offering advice and alternative plastic options (eg compostable bags) to local retailers. We should be leading the way here.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

We have a worm farm and compost already in place on our property, so unlikely to require green waste collection

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I am not sure what you mean by 'will require a change in the way glass is collected'. However it is very easy to rinse a wine bottle and put it in a separate recycling bin kerbside (as we do in Wanaka)

Q. Please explain your above answer:

I have attended Kate Mead's and Dr Compost's talks in the region. But the same conscientious people seem to go to these events, often already composters and already recyclers, already open to the idea of re-usable/ eco nappies and re-usable grocery bags.

The education changes need to happen larger scale and not just to motivated individuals...eg to the building industry - mitre 10, placemakers, etc should hold education evenings on waste minimisation and eco-friendly building practices for the trades. To builders and tradies who amass a HUGE amount of potentially recyclable waste that just ends up in a skip (or blowing round the district), to large retailers that are moving into the new industrial areas of Wanaka and Queenstown, at Plunket (who does a great job) but where single use plastic food pouches and disposable nappies are commonplace. Think bigger education for industry, not just motivated individuals.

Q. If you don't use the transfer stations please let us know why:

I mainly use kerbside collection for rubbish and recycling. Wastebusters Wanaka has proved an excellent place to recycle items of clothing, bric-a-brac and furniture that may be of use to someone else.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Scrap metal / whiteware

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

The waste generated by building commercial and residential property is huge. Good quality timber cutoffs to landfill. New roofing iron cutoffs to landfill. Recyclable packaging to landfill.

It is my firm belief that sorting surplus and waste material from building projects should become part of the building consent and inspection process and be audited by QLDC.

Unsorted (and dumped) rubbish from Freedom Campers and tourists is an issue. There should be a levy on tourists that goes in part to pay for recycling and waste management for the district. QLDC should lobby central government for this. Freedom Campers should be discouraged wherever possible, and should be encouraged to use holiday parks and campgrounds which have QLDC approved/implemented provisioning for appropriate waste stream sorting for recycling and organics. This will have a more positive impact on the economy and minimise the negative impact of tourists on the environment.

# LIZ PATEL

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Why wouldn't I?

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

To stop the farce that is our current recycling

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Education is the key to change. At the moment there is apathy and general waste being put in the recycling. Our population is ever changing so the education needs to be continuous

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Just make recycling mean something.  
Encourage and continually educate.  
Encourage reusing before recycling and lobby local businesses to use less packaging.

# LOUISE VICENTE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

No

Q. Please provide any further comment here:

I applaud QLDC's initiatives around organics, however im appalled at how much recyclable material is actually going to landfill, presumably much of this comes from businesses in the Wakatipu? Not just residents, yet ALL of your initiatives are around residents not businesses, why is this?

How about encouraging businesses to recycle rather than send so much to landfill, make it easier businesses to recycle, show them the cost benefit. Again ALL of the educational efforts coming from QLDC focus on residents. Its not good enough.

How about including in your plan some programmes / education focusing on actually reducing waste, not just recycling. Surely it makes more sense. The only action in your plan i could see on reducing waste was installing water fountains, this is great but its not enough. How about encourage businesses to stop creating waste in the first place?

Come on QLDC lets really work towards zero waste, dont just play lip service to the term!

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes



Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I have chickens, compost and worms so i dont have a need but i recognise this service is so desperately needed so if I didnt have the above i would def use.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Yes this is a must, its abhorrent that glass is going to landfill at present.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Yes but lets firstly focus on businesses and manufacturers NOT just residents as is suggested in your current plan

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Ewaste

Textiles recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes absolutely

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

See my first comments.

Choose your contractors wisely next time.

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Where I am living now, does not have any garden space at all. Making home composting very hard, a curb side collection service would be amazing!

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I would be happy to separate my own glass and leave it curbside if it meant the glass would actually get recycled.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Soft plastic recycling!!!

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Of course! Look at Wanaka Wastebusters.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I would like to see a bigger emphasis on soft plastic recycling. The supermarkets are the only places currently supporting this, I think the council should jump on board. Perhaps kerbside collection? Or adding another "soft plastics" bin option around town next to the recycling bins..

# LUISE LOCKWOOD

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

No

## Q. Please provide any further comment here:

I believe as a community living in an outstanding natural environment, we should also aim to remove single use plastics as soon as feasibly possible, in particular water bottles, coffee cups and straws.

If you think just about the visitor numbers coming through the airport ( over 2m ) we need to instruct and provide alternative options for our tourists.... like a funky arrival board telling them what we want, dispensing machine providing a desirable drinking bottle situated next to a water bottle filling station, showing how many plastic bottles haven't been used by refilling. Then provide water filling stations in tourism hotspots like Arrowtown, Wakatipu lakefront, Glenorchy etc All tourist ventures like Shotover jet, Earnslaw, Gondola, Bungy etc

AND NO PLASTIC WATER BOTTLES SOLD IN THE AREA

Extending to all petrol stations, supermarkets, urban parks etc

Rental car and campervans to provide bottles as part of rental to encourage refilling.

Bus tourism operators and accommodation providers another source of education.

The key with this, is that its funky, eye-catching, designed to complement our Alpine environment and so people want to refill. Logically it would have an App to show where to refill.

All new retail or tourist ventures should provide a plan as to how they will assist in waste reduction and if of a certain turnover should be required to provide water filling stations.

I applaud the councils initiative in encouraging organic recycling to date and the groups of concerned locals who are striving to make change like Sustainable Queenstown, boomerang bags, Remarkable Market etc ,there are many like minded people in the area who would voluntarily work with the council to make possible change. Perhaps this is a huge resource that needs direction.

## Q. Would you use collection services if they were available to you?

No

## Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

## Q. Are you aware of this subsidy?

Yes

## Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Hazardous waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, especially with the volume of transient workers in the area. would be good to know where to leave household items if no longer required. Perhaps council could do an inorganic drive every 2 years to pick up unwanted rubbish, like auckland does.

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Self explanatory really??

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Please explain your above answer:

By not including in the current recycling bin.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Just reinforcing the message we cannot continue on in the current manner.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Soft green waste accommodated and separated out for compost.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, great example. Invercargill with their shop.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Increase the rate take on rubbish disposal and make it free to address the illegal dumping of rubbish.

# MADDY DOWMAN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Please offer a similar service in the Wakatipu like Wanaka Wastebusters - this is much needed and likely to be very popular.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Please offer a similar service in the Wakatipu like Wanaka Wastebusters - this is much needed and likely to be very popular.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Great that something is finally happening in the district. More information, encouragement and action is long overdue. People are keen, more aware and Council need to support this and make it easy for people.  
Thanks for finally getting onto this :)

# MANDEEP

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

# MANDY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

Because we compost already at home but so many people don't have gardens I think this is essential that council collects compost from those who need it....neighborhood biodigesters

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Whatever it takes to recYcle glass do it!

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes Wanaka waste busters are amazing example

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Scrap metal / whiteware

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I think we need plastic recycling desperately and council should make it easy for themselves and make Qldc a single use plastic free zone... be an example for the rest of Nz and show tourists that out green image is not just lip service

# MARGAUX

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# MARINA BRUN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

All organic waste needs to be collected from all restaurants, cafes, eateries. Supermarkets and wherever businesses are generating food waste to

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Pteferred to home cpmpost but in lieu of, kerbside collection

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

The more we can keep out of landfill and recycled into usable items ie crushed glass for road resurfacing

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Tourists and overseas workers need to be educated. The use of plastic needs to be significantly reduced and discouraged

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. If you don't use the transfer stations please let us know why:

Had to take garden waste to tip and was charged - not good enough

Q. Are there any services not currently offered at transfer stations that you would like to see?

Creation of greenwaste composting on site and encouraged.  
Recycling of more products as in Byron shire council. A tip shop

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Refer to Byron Shire Council strategy on waste minimalisation

# MARK SAMWAYS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

Nothing less than 100% of glass should be recycled from the district. It is disgraceful that council has signed a waste collection contract with a provider that can not perform this function. Of concern also is the 250 + bars and restaurants who dispose of a huge quantity of glass from our 1m visitors per annum into landfill.

Council must make it mandatory for all commercial businesses to recycle their glass consumption, and enforce this. Hospitality is the life blood of the district yet these large profitable business get to externalise their cost of doing business on the environment.

All kerb side glass collection must also be recycled and when tendering the highly lucrative contract council should insist that tenderers have a recycling function.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

To commercial businesses. Education coupled with a significant fine regime given a carrot and stick approach is the only way business will change their behaviors.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Scrap metal / whiteware

### Q. If you don't use the transfer stations please let us know why:

The service is expensive and I suspect the local monopoly supplier makes super profits from this operation. Does council insist on visibility over this operation, the profitability and dividend transfers to the parent company?

### Q. Are there any services not currently offered at transfer stations that you would like to see?

A free organic waste section as these items can not always be composted at home. All vegetation should be deposited for free to stop fly tipping across the district.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes given the levels of poverty in the district there should be a re-purpose section and the Sally's don't seem to be able to deal with larger items like white ware.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

The next waste disposal contract must go to an organisation that can recycle 100% of glass in the very least. The fact this has been going into landfill for the last decade is shameful and negligent on the part of former councils. The scale of tourism and the burgeoning population in the district means the council can not longer put this in the too hard basket.

Hopefully this process will see significant change - a decade too late and out of step with most countries where our visitors come from - who would be appalled to know every bottle of wine or beer they consume goes into landfill and the environment. An environment they come here to share with us.

# MEGAN GILLMING

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

# MEGAN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I wish it would be implemented faster than the proposed 6 years.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

After living here for the past 10 years I don't understand why recycling was offered but wasn't actually recycled??

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

I am originally from Canada and for as long as I can remember (I'm 35) we have been recycling at curb side garbage pickup. We were taught in grade 1 how to clean containers to allow them to be recycled. We were also taught what we could and couldn't recycle.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Other [please explain]

### Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Im not sure how, but it would be great if any item could be recycled or repurposed for reuse or at least broken down properly at the landfill.

### Q. Please explain your above selection of 'other':

I use the curb side pick up "recycling" I also recycle my own soft plastics and compost organic waste on my own.

# MICHAEL FARRIER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

please refer to attached. Costing needs to be transparent and other waste streams need to be addressed.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

But depends on cost and how it is costed. There needs to be full transparency.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I am aware of all details of the Glass Product Stewardship Scheme. I consider the Council and its provider need to be fully transparent in the future regarding what is being recycled.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Information needs to be directed at businesses - not necessarily householders.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

The cost recovery from goods and scrap metal sent to the transfer station should be made transparent.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

I see an opportunity for building materials. Whiteware and electrical appliances if fully certified. Furniture is a possibility but most people I know take to the Salvation Army.

The disposal of end of use tyres needs to be addressed.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Yes. I will email to the address provided.

# MICHAEL FARRIER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Solid Waste Management and Recycling

Costs associated with both these operations need to be presented transparently. Costs need to be allocated as they lie. Residents already pay for solid waste disposal through the purchase of bags or the cost of a bin. Residents should not be faced with an additional rate for waste other than those associated with recycling.

No mention is made (that I can find) of cost recovery from material recovered for recycling (metal, cardboard, paper, plastics, etc.).

There are many opportunities for "double dipping" in regard to solid waste disposal, charges need to be fairly allocated. How much of the recycling rate is allocated to disposing the material that is not recycled in a landfill? If there is no intention of recycling

5

an object the ratepayer could place it in a solid waste bin and avoid a second cost for landfill disposal. Hence the need for cost transparency.

The rubbish and recycling bins that are located in central business areas of high visitor numbers, should in my opinion be financed through business rates since most of the waste/recyclable material originates from purchases at retail outlets. My interpretation of the plan is that the rate is similar for businesses as it is for householders.

# MICHELLE MUNRO

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We need to stop the waste in the first place by minimising packaging and stopping use of single use plastics

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes



Q. Please explain your above answer:

Thanks already do for garden - it's expensive though and not easy use. Needs to be a regular pick up rather than call each time

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Particularly in schools and for tourists... before NZ starts to look like another tourist resort full of blown garbage

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Easier to recycle old electronics

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Absolutely. It's cheaper to buy new white ware than fixing ones that are only a few years old. It's such a waste

Q. Please explain your above selection of 'other':

Old technology equipment, but I'm not so sure they aren't just put into the dump anyway

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I'd love the see arrowtown lead the way by stopping the use of single use plastic now - ie plastic bags and straws. We need to show we care for our environment as a premium tourist destination. Also no more take away cups! Encourage people to enjoy their drinks in our wonderful cafes etc for the 5 minutes they spend using them!

# MIKE FARRIER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Please explain your above answer:

I support glass being handled as a separate stream and suggest that cans (aluminium and steel) should also be considered for collection in the same stream.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Draft Waste Management and Minimisation Plan Submission 2018 M Farrier

1. I agree that the Council should lead waste minimisation as required by the Resource Management Act and Waste Minimisation Act.

2. I agree with the Statement in Appendix A.

Because of the high number of tourists, statistics on waste are skewed (e.g. the volume of waste generated per usual resident population is inaccurate as the data includes all waste generated by the visitor industry), and it means that solutions to district specific issues need to focus on the needs of both the resident and non-resident. This visitor impact is more pronounced in Queenstown Lakes District than in other districts of New Zealand.

3. I agree in general with the proposal to try to continue to minimise waste to landfill.

4. I believe that the costs associated with waste disposal should be shared between the point of sale and the user. I believe that all costs associated with waste disposal, recycling and the cash flow for recycled goods should be transparent to the ratepayer.

5. I do not support a general rate as such to finance the proposed waste minimisation programme

6. I note that I have been paying for both direct waste disposal to landfill (through user pays) and indirect disposal to landfill through recycling. I consider that this is a form of double dipping. If I am charged through a general rate for recycling I expect that all material will be recycled. I expect that under contract conditions that the contractor has both benefits and risk.

7. If material is not being recycled I expect to be informed so I can place it in the waste bag or bin myself and not be charged twice.

8. I accept that transport costs for recycled material from the area for export or reuse are high.

9. The recycling of some waste streams is already subsidised by the importer and or producer of the products on a national basis. For example, glass bottles, used oil and possibly tyres.

10. Recycled material has a value and yet this has not been discussed in any detail in the report. In my opinion the Council should benefit from funds recovered if the Council has to pay landfill charges for recycled material sent to landfill. The following table is extracted from the Ministry for The Environment Report 2007 Recycling - Cost Benefit Analysis I believe price in the table for glass should be \$75 not as shown. The table was produced in 2007 and the quoted prices are likely to be very different.

Figure 8: Value of recovered materials Material \$ per tonne

Plastic 300–700

Paper (domestic and export) 90

Paper (export office paper) 257

Glass 752

Aluminium 1700

Steel 120

Compost (agricultural use) 5

Compost (domestic) 30–50

Chipped wood 108

Crushed concrete 12.70

Tyres 104–136

Used oil (0.17 per litre) 189

11. I support glass being handled as a separate stream and suggest that cans (aluminium and steel) should also be considered for collection in the same stream.

12. I support organic collection provided costs are kept transparent. I do not mind paying for the collection of organic waste from my property, however, I believe that the collection of street tree debris (leaves and branches) is a cost on Council.

13. I note that sludge from the sewage treatment plant is discussed. I assume that the disposal of the sludge is included with waste water charges and ratepayers will not be charged twice for disposal. In my experience there are many opportunities

for double dipping in regard to recycling and waste disposal; hence the need for full transparency.

14. In my opinion there are opportunities for Queenstown, Wanaka and Arrowtown businesses to set an example in regard to waste minimisation and product stewardship. The food/restaurant industry could be a New Zealand leader in composting all food waste they produce and seek a grant from the Waste Minimisation Fund to do this.

15. No mention is made of cooking oils and fats in the reports these should be addressed; so that the method of disposal is appropriately tracked.

16. Builders and tradesmen in the district could set an example to the rest of New Zealand by establishing recycling and re-use schemes for material that they discard. For example, timber, gip wall board, scrap metal, clean fill, etc.. This could be another opportunity to seek for Waste Minimisation Fund support.

17. The QLDC needs to identify a more equitable way of paying for recycling and solid waste litter bins. The cost for these do not lie with the residential ratepayer since they are much more likely to be used by visitors and retail outlets. The costs associated with the operation of litter bins should be shown separately.

18. No mention is made of street litter other than litter bins. One method of highlighting where street litter originates is to conduct a litter survey and classify into the various sources. This can be used as a "stick" to publicise which outlet stores and or manufacturers the litter originates from, even though they are not directly responsible for the littering.

19. In regard to the waste collection contract it is suggested that this is controlled better (either in the contract or through policing) in regard to leaving debris on the roadside on collection day. I accept some of this may be related to the plastic bags being torn by animals, however, it does not give a good look.

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Anything that will help te environment

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

More education will equal more compliance and a better result

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

# NICKI BARNARD

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I'm a keen gardener so regularly have garden waste and have no trailer to take to green waste so would be delighted to have this option



Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

We need to recycle all products where we can

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Tourists also need to be educated together with locals as nowadays tourists make up more than double our population at times and probably create more waste when travelling

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Recycling whiteware and e products

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Wanaka residents need to be educated more on regulations for glass collection in Wanaka which is currently recycled.

I would like to see recycle bins enclosed to minimise rubbish becoming blown around the streets.

Also why is the Wednesday recycling sometimes collected on a Thursday??

I would like to see wheelie bins reduced in price so I don't have to use blue (PLASTIC) bags (because cheaper) into landfill which I put out every 3 weeks.

Do we need to bundle paper together....having to use PLASTIC bags?

Tourists need to be educated on recycling such as in private holiday homes and Airbnb's. I clean these property's and see so much waste particularly not recycled

# NICKY GRAY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

We need to have more say in what our local supermarkets stock with excessive packaging.

Q. If you don't use the transfer stations please let us know why:

I try to reuse garden waste and the rest is collected at kerbside.

Q. Are there any services not currently offered at transfer stations that you would like to see?

Recycling of Grade 1 and 2 plastics.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes definitely.

It needs to be a bigger space so it is easier to get around to encourage people to come and buy household items.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

It is unclear how much of our recycled goods actually get recycled and how much of it ends up in the landfill.

# NICOLE HUDDLESTON

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We are not keen to operate a composting system at home but happy to support a 'green' kerbside wheelie bin collection.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

See previous answer.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

No, change for Wanaka, Queenstown should have followed our example.

Q. Would you like to see more information and education about recycling and waste minimisation?

No

Q. Please explain your above answer:

After all these years, I fail to understand what more we can learn unless you actually have something new to tell us like the recent soft plastic opportunities. We also need something for batteries which is quite common now in other countries.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Other [please explain]

Q. If you don't use the transfer stations please let us know why:

Opening hours are hard to work with at times. Should be open from, say, 8am to 5pm.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Why would you want to take this work away from Wastebusters? If you don't have such a facility in Queenstown, then you should consider one - perhaps you have enough charitable organisations filling the gap.

## Q. Please explain your above selection of 'other':

For our household - no, no need.

Husband's business - yes but he goes via the recycling centre and anything that can be recycled is. Green/garden waste goes to the green waste unless it can't be accepted there.

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We need wheelie bins across the district. Collections could change to fortnightly, alternating between waste and recycling. Glass could still be collected weekly, perhaps with the organic waste.

Or, we saw some amazing central community drop off facilities in France last year - have photos we can send you, if interested. Does away with house collection completely.

This wouldn't solve the organic waste issue though!

Change/improvements are definately needed.

# OLIVE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

No

Q. Please provide any further comment here:

I think that we should also focus on soft plastic recycling because it is way better than just throwing it into the rubbish.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes



Q. Please explain your above answer:

Yes, because we need to make sure the rubbish does not go into the environment if it can't decompose.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I think that we should be recycling more glass because we do 't want it to be wasted.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Yes, because it will help the rest of the community to get better at collecting rubbish and putting it into the correct bin.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

No

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

# PARISA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I feel that plastic is the biggest problem at the moment and we should be educating and changing peoples waste habits - finding new ways of storing open foods etc with beeswax wraps, proper recycling programmes.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I dispose of suitable food waste down the insincerator. I rent a property when the garden is manage my the landlord so this does not effect me

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Yes, bottle banks or collections of glass is a step forward

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Yes I would - schools should be learning this, it's very important that the future generation grow up to respect and understand the impact that this is going to have on their lives and the planet

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# PAUL JOBBINS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I think there needs to be a specific target which will allow real gains to be made, rather than trying to "fix everything" and not succeeding at anything. I agree with the proposed glass and organics focus to provide this target.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Please explain your above answer:

Our household currently used a rotating system of Bokashi buckets and feed food scraps to our chickens, but still have a surplus of organic waste. We've had little success with "traditional" composting and so utilise the green waste services of All Waste. While the preferred method of organic disposal is at home (Bokashi, Wormfarm, Composting, etc) it's not always practical, even for those wanting to. It is also time consuming and labour intensive, which means many households don't try. I therefore think there would be a large uptake of a kerbside organics service.

Q. Please explain your above answer:

Glass recycling has long been the norm around the world. The fact that it is not recycled here in the Whakatipu is baffling.

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

There can never be too much information about recycling / waste minimisation!

Q. Are there any services not currently offered at transfer stations that you would like to see?

Soft plastic recycling. It's great that a number of businesses now offer these facilities but it would be nice to see them at the transfer stations also. Perhaps one or more of the local businesses could "sponsor" this option, whereby the plastics collected would be picked up by the store and processed as if dropped there?

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

The Glenda Drive transfer station already accepts goods, as do many charities around the district. I think there is ample opportunity to re-direct unwanted goods from landfill if people want to. I believe this is more a case of education than needing to provide additional facilities.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes definitely. Anything still functional or up cyclable should be kept and sold. Look how successful wanaka waste busters is



# POP

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Soft plastics also

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

Garden composting is less of an option for smaller sections. There are a lot of unknowns for first time composters and there is risk of smelly compost, encouraging flies/rats, not getting consistency right etc. these risks put people off attempting to compost.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

Yes, currently so many people are misguided thinking that glass that goes into the recycling bins gets recycled. Its really poor that in this day and age glass in the region isn't being recycled.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Yes, people need to be told very clearly what can be and can't be recycled. People assume that anything that goes into a recycling bin is recycled. It's also important to stress what condition items must be in to get recycled to save recyclable items being thrown out.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

### Q. Are there any services not currently offered at transfer stations that you would like to see?

Batteries

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, landfill should be a last resort only

Q. Please explain your above selection of 'other':

Tyres

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I think it's really great that QLDC are finally getting on to this. It definitely should be considered a high priority. Queenstown is promoted as a green destination yet we have really critical waste management issues that totally go against what we think of when Queenstown comes to mind. Landfill needs to be a last resort and the public need to be educated on what can and can't be recycled. Increasing fees for residential landfill will give the community an incentive to recycle and make use of recycling facilities that become available.

# QUEENSTOWN PRIMARY SCHOOL

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Council letter for funding of Enviroschools

Dear Council, Queenstown Primary School has been an Enviroschool for the past 10 years. We have had invaluable support from our Enviroschool facilitator over this time to incorporate sustainable education into our classroom learning.

Some of the things we have managed to do with this support is grow and plant kowhai on DOC and council land, as well as run Enviroschool Action groups. These groups have been run by students to solve environmental problems in our school often about reducing rubbish, energy usage, and recycling issues. The Enviro Facilitator has helped run these sessions. We have Enviroschool Leaders who talk to teachers and students to ensure consultation is happening with each project and who lead the group with the research and decision making within the group.

Other activities that the facilitator has helped us with are running staff meetings to motivate and ensure we are up to date with resources and inspiring activities, encouraging litterless lunches, helping us to include sustainable environmental aspects in our inquiry planning, providing school resources and fostering community contacts for our school activities.

The Enviroschool position in schools is a fundamental support for inspiring our young people, encouraging them to be critical thinkers and problem solvers for the future and through them encourage sustainability through to our families and wider community.

An important activity for our younger classes is understanding the impact on how the litter in their lunchboxes affects our environment. With the input of our Enviro facilitator we have been problem solving how to reduce this litter, what we can use instead of throw away packages . With some extra assistance our long term hope is to make sustainable sandwich envelopes for parents/children/teachers to use. Our facilitator is helping to run and set up these sessions.

King regards Susan McIntyre Enviroschool Leader

# R E BAKHUIS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Glenorchy

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Set up manage better green waste service in Glenorchy

# RACHEL ROSE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We don't have a large enough land area to compost our food, so kerbside would be great.



Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Are there any services not currently offered at transfer stations that you would like to see?

Electronics and batteries

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Plastic is killing the environment, pristine beauty and the clear blue waters are destroyed by plastic, when it enters the waters it will most likely never be able to be got back. Make QLD a plastic free zone, the uk has banned supermarkets from using it, u should do the same.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

### Q. Please explain your above answer:

Of course I would use the services if available but we don't do much gardening tbh so how often id use it is very different, the money and resources used for them should be put into creating a plastic free zone.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

Any way glass can be recycled more effectively is a good one.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Teach it in schools. Encourage schools to send kids down to the beach with Sea Shepherd.

### Q. If you don't use the transfer stations please let us know why:

Because we only have recyclable waste which we throw in the recyclable bin thinking it will get recycled.

### Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Ban plastic bags and plastic straws at the least.

# RANGI

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

# REBECCA CONWAY

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Glass and organics are important, however, construction waste such as rubble and timber is also VERY important considering over 30% of our waste in the district is just that. Council could use incentives and education to engage construction workers and companies to dispose of their waste responsibly. Council could use the current transfer station on Glenda Drive, connect with community groups such as Sea Shepard and Sustainable Queenstown, and/or partner with private businesses such as All Waste to create a drop off shed/barn for construction workers to drop off their excess reusable waste to avoid paying landfill charges, which the shed organiser could on-sell to the public for an extremely cheap rate: REUSE. There could also be an incentive for new home builders to use more sustainable materials in return for subsidised rates.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

## Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

## Q. Please explain your above answer:

Due to the transient population in Queenstown, the visitors and the short and long-term renters who either do not have access to a big enough garden space to compost or are not here for long enough to see the project through, it is simply not enough to encourage people to compost at home. This initiative, although helpful for the people who have the space and time to compost, is inefficient for many people who visit or live in Queenstown.

Cafes, restaurants and hotels in the district should also have a food waste collection service considering the majority of the food waste in the area is likely to be from those tourism outlets.

Perhaps, again, Council could encourage community initiatives, partnerships and community enterprises to ensure the needs of the community are best met.

## Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

## Q. Please explain your above answer:

Education is key to ensure most people are washing and separating their glass to ensure it's ability to be recycled. However, the current system of sending all mixed glass to landfill at the moment is so wasteful and unnecessary.

Perhaps providing each small community (eg. Fernhill, Sunshine Bay, QT Central, Arthur's Point etc.) with bottle banks (separate bins for each glass type) and not allowing glass in recycling bins at all would be effective. This would need to be policed by the people who collect our bins each week. See-through bins would be effective as Perth are currently using.

Again, supporting community initiatives and groups, or private enterprises to ensure that the glass is being sorted and recycled properly takes the responsibility solely from Council.

## Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

## Q. Please explain your above answer:

Unfortunately, many people are unaware of how much of the content from our recycling bins are actually going to landfill. There is also no emphasis on refusing disposable and unnecessary waste in the community. Refusing should be the first port of call when thinking of wasteful items. The 5 R's should be used to educate the community on how to live with and consume less waste in the first place. Recycling should be the VERY last step for a good no longer wanted. 1. Refuse, 2. Reduce, 3. Reuse, 4. Repurpose, 5. Recycle, in that order!

Council could introduce a bylaw to ban all single-use plastic items from our district as Wellington Waterfront has just done with plastic straws. This would take a large proportion of our waste out of the picture completely.

Bars and restaurants would be encouraged to use alternatives which many are already doing by offering compostable takeaway containers and cutlery and the community would be educated by seeing this ban and the examples set by the businesses.

## Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Other [please explain]

## Q. Are there any services not currently offered at transfer stations that you would like to see?

A free drop-off for construction waste such as timber which would be sold to public at a reduced price.

An area that provides repurposing of old and unwanted goods such as reupholstering couches, fixing broken whiteware, again to be sold to the public at a reduced price.

A composting facility.

## Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

YES

## Q. Please explain your above selection of 'other':

We use the transfer station for big Spring cleans to dispose of household items that we no longer need such as old couches, shelving, broken whiteware etc. Many of these items could be repurposed if there was a similar place to Wanaka Wastebusters where staff could mend broken items, reupholster tatty couches and on-sell household materials such as wood, shelving etc.



## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

When thinking about waste minimisation in the district, recycling should be thought of as the very last step, after all other avenues have been explored. Education and encouragement to refuse, reduce, reuse and repurpose before recycling should be available and led by Council.

Perhaps by reducing bin collection services to fortnightly, people would be forced to reduce their waste. This would save money on staff, fuel and resources, reduce the carbon footprint by using less fuel, encourage people to refuse waste and in turn reduce waste,

Perhaps also increasing the price of wheelie bins and blue plastic bins which would encourage more people to sort their rubbish and put the appropriate waste in the recycling bin.

Also, using clear bins to encourage people to only dispose of unnecessary items.

Providing households with green wheelie bins for green waste for composting would be greatly appreciated.

I, like most others who know the truth, am appalled at the amount of recyclable material currently being sent to Victoria Flats and Council must act to implement a more responsible method of sorting waste and actually recycling it and this SHOULD be an immediate driver for this Waste Minimisation Management Plan.

# REBECCA TEELE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Timber should also be a focus.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Are there any services not currently offered at transfer stations that you would like to see?

E-waste recycling.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes.

# REIKA

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

also recycable plastics(pet bottles etc) cardboards

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

i don't have many food waste

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. If you don't use the transfer stations please let us know why:

didn't know about that.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

yes

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

i always wonder why we don't sort different categories of recycable things. (glass, tin, magazine, newspaper, plastic bottle, etc)

# RICHARD LAMBERT

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# RICHARD TAPPER

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Rubble and waste building materials are more important contributors to waste to landfill and deserve higher priority.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes



### Q. Please explain your above answer:

Current green waste rules at the Frankton Transfer Stn are unduely restrictive compared with other Council jurisdictions, discourages green waste dumping and appears to encourage maximising the tonnes of waste going into a very expensive landfill

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

It makes no sense to dump non toxic, potentially recyclable materials into an expensive-to-set-up landfill.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Public awareness / encouragement to minimise waste needs to be also linked to financial incentives for the public / businesses to sort their waste at transfer stations, rather than dump mixed loads in one place.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

### Q. Are there any services not currently offered at transfer stations that you would like to see?

Separate dumping areas for the off-loading specific wastes e.g. rubble, building materials etc

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes.

Also separate dumping areas for the off-loading specific wastes e.g. rubble, building materials etc

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

The tonnes of waste dumped per capita each year in the QLDC is one of the highest in NZ and reflects badly on the QLD Council. Wanaka appears to have a much better record of a much lower % of collected rubbish that goes to landfill, compared to the Queenstown basin.

Why is this?

Are the present landfill and rubbish collection contractors incentivised in any way to maximise the tonnes dumped in the landfill? If the answer is yes, then their contracts need to be reviewed immediately.

Set very large dumping fees for mixed waste compared with sorted (by the person dumping) to make it financially very attractive for the dumper to sort out their load into different areas.

It is recommended that the QLDC sets a target of tonnes of waste per capita to landfill that is no more than the median figure for other councils in NZ, within the next 5 years.

The current exceptionally high tonnes per capita for QLDC are scandalous (despite the bleating that it is because of our high tourist numbers) and the Council needs to implement strong & immediate measures that attack the most important contributors to the problem (rubble & building materials) as their top priority rather than giving the impression of taking politically popular actions e.g. worm farms) that merely "nibble around the edges" .

# ROGER FLEMING

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

## Q. Please provide any further comment here:

For some time, I believed our recycling programme was credible. Each week our household complied with QLDC instructions to place glass items in one bin, and plastic, tins, aluminium in the other with cardboard and paper bundled separately. Non recyclables went into the blue bag for removal to the landfill.

All was good, and then I got a dog which needed walking and that's when I saw what was really happening at the kerbside. House after house are putting out recycle bins stacked with rubbish all mixed together. Bins and boxes containing paper, bottles, as well as household rubbish that isn't able to be recycled which clearly should be in the blue bag for the landfill.

Recently while walking I encountered the recycling contractor out on his round. The location coincided with bins and boxes load up as described. In expectation that the contractor was about to sort through all this stuff and separate it into the correct area in his vehicle and trailer, I told him it was ridiculous and not really his job to sort and separate the items. He replied that he didn't do that. He said that when it occurs he just removes all the items and places everything in the back of the truck for compacting and disposal at the landfill. You couldn't blame him for acting this way. He told me that only 10-20% of households place items out as requested by Council.

I don't know whether this is a sign of ignorance, laziness or contrived behaviour intended to avoid the cost of disposing of rubbish in a blue bag – probably a bit of all three, but, even if the contractor was exaggerating the proportions, its clear there's a huge amount of items ending up in the landfill that shouldn't be there and the cost of that is being transferred to all ratepayers instead of the individual.

So my submission is that the QLDC need to:

1) Commence an education programme as outlined in the Planning Document, but with a strong emphasis on the Council's expectations of separating rubbish and recyclables. This will need to include a mailbox drop, radio advertising, and publicity in the Wanaka App as well as corresponding with absentee owners asking them to leave instructions for visitors to their houses

2) Instruct contractors not to empty bins and boxes at all if their contents are contaminated or are not sorted and separated as required.

Thank you for the opportunity to have my say

## Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

## Q. Are you aware of this subsidy?

No

## Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I think I would opt into a scheme like this

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

See my previous comments

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# ROGER GARDINER

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

Our food waste is composted and our garden waste is taken to the green waste. Occasionally we might be interested in having lawn clippings picked up kerbside

Q. Please explain your above answer:

We live in Wanaka ward

Q. Please explain your above answer:

Reckon that any persons taking an interest is getting a reasonable amount of education already

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

The Wanaka Wasterbusters set up works pretty well in terms of diverting stuff that would otherwise go to landfill

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

We live on a larger section and generate a reasonable amount of green waste. I know user pays applies, but need to keep charges reasonable to dispose of green waste.

# ROSIE CXHESTER

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

On behalf of the WHS Environmental Council

Regarding the mention of continuing waste education and promotional programmes (outlined in TEN YEAR PLAN 2018-2028 | HE MAHERE KAHURUTAKA 2018-2028 Volume 2).

As a student leader at WHS myself and the school's Environmental Council, have begun preliminary efforts to become an Enviroschool. We plan to utilise the shift to the new school site to increase student and staff awareness of waste management and reduction. With the support of an Enviroschool facilitator, we will be able to fully take advantage of the new building's green design as we are currently limited by the unsustainable level of waste being brought in by staff and students.

Wakatipu High School becoming an Enviroschool would help student and staff understanding of waste and how to reduce it, with this understanding being spread into the community with students taking the understanding home to their families.

A key driver for us to become an Enviroschool and having the support to remain an Enviroschool, is that it gives future students the long term commitment to continue raising awareness and taking action within our community for our environment.

Deputy Head Boy and Chair of the Environmental Council

Chester Rosie



# ROY SMITH

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Waste disposal is another overdue area to be improved which i know you're working on. Organic waste could follow the lead of Wormworx (sp?) in Cromwell and turn waste into a high value compost product to be sold and reinvested into the project, or provided to community projects like the wakatipu reforestation trust.

# RUDI SANDERS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Of course glass and organics have to be recycled. No brainer as glass is already collected in Wanaka. The largest part to go to landfill I believe is building waste. It is well known that building waste is a major part of the total waste. Building waste is easy to separate at the base (building site) and should be recycled. Gibb board, timber, metals etc. do have a high recycle value as they are relatively easy to separate.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I already recycle green waste. I compost organics and garden waste is off to the greenwaste in Wanaka.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

If Wanaka can recycle glass then Queenstown surely could. Most businesses in Wanaka are recycling glass.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

People still seem to be ignorant about waste and the effect it can have on the environment.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

As before a comprehensive approach to keep as much waste out of the landfill. Especially building waste. Also for Council to promote less waste full product and activities. For example insist at big events on recyclable products as paper instead of plastics.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

absolutely.

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Keep it affordable. Although it costs a lot of money, if the person delivering waste to the transfer station has to pay a big fee they will take it somewhere else. In some countries it is free as it is probably cheaper for the community in the long run. More support for waste busters in Wanaka.

# SALLY LAKE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We think that getting plastic out of the landfill is more important

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I did not know that the worm farm subsidy was available and have not seen this advertised anywhere before. I did know and do have a bokashi system in use.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Separate bins for glass, cardboard, etc would be better for recycling at roadside collection. More glass recycling is a very BIG positive... there are a lot of uses for glass e.g. roading surfaces

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

More glass recycling and wheelie bins available in the town centre would be beneficial. Visitors to our town would/should use these more if available e.g. the lakefront, the village green, etc.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. If you don't use the transfer stations please let us know why:

We do not use the transfer station for scrap metal as we appreciate/need the funds/dollars from this from the scrap metal dealer...

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Of course...the recycling centre is and should be better utilized....and all of it's staff generally seem to be very helpful and smiley...which is a very big plus

**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

More recycling, what about a roadside open rubbish day bring out your - anything rubbish for collection would be appreciated.

# SANDRA ZUSCHLAG

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I also believe that we can get a majority of the one way coffee cups out of the system by using a reusable cup as done in Freiburg which can be purchased and any participating cafe and people can drop it of at any participating cafe and getting their money back. I am in contact with the people in Freiburg and I am happy to get my head around to see if this works for Queenstown.

<https://www.treehugger.com/environmental-policy/city-freiburg-has-brilliant-alternative-disposable-coffee-cups.html>

We should also get more public water fountains to refill bottles to stop one way plastic bottles. There is a concept in Europe and the UK where participating cafes have a sticker on their window which indicates that it is allowed to refill water bottles in the cafe for free. Yes we can get free drinking water in cafes but only if we actually consume something. So this way could be an amazing way of stopping plastic bottle consume and show our tourists how friendly we are.

<https://www.fastcompany.com/40522000/free-water-refill-stations-an-idea-to-end-the-plastic-bottle-scourge>.

I am also happy to support this.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes



Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

as I make my own compost and wormer cast ass I need it in my own garden but I think it is great

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Glass is a great material which can be reused and recycled for along time and therefore should not land in landfill.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

Q. Are there any services not currently offered at transfer stations that you would like to see?

Yes with the building boom so much reusable and good building material lands in the landfill which - if sorted and displayed - could get reused again and even sold. This would have a big impact on the landfill and would stop waste of good materials. So the sites would have a green and orange skip and the builder would put waste into orange and good stuff into green. There would be a list of what is a good material stuck to the skip.

**Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)**

Yes absolutely, please see above in regards to building materials and jam jars from the glass recycling could end up here.

But to tell you the truth shopping at Frankton transfer is not fun. It smells and it is a dark room. You should find a better room and display things better and they would sell easier. It is also too far away from the daily ways. get closer to where the people are.

**Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?**

Get all hotels to have a water saving shower and make this compulsory for all new buildings - less water wastage.

We are capable of recycling paper in different bins - just get us one more. If this makes your life easier.

We need to know better that we have to have clean paper and take the aluminium lid of the plastic yoghurt container when we recycle these items. We need to get educated better to make recycling actually possible.

Be a plastic bottle free district :-)

# SANNE WIEBEN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# SARAH MULHERN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We're trying to compost at our house, but the problem is we don't have a garden to put it in. So we end up with a smelly mess with nowhere to go

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I try to educate my flatmates/work mates and friends about waste and how they are individually contributing and the impact just one person has. Most people really have no idea, and of course if you use something for convenience ie: plastic bag/disposable coffee cups, you put it in the bin and it disappears

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, I would and it's advertising for them so others know that they are there. My current knowledge is that wastebusters in Wanaka is the only place to recycle whitewear/appliances. In which you'd need to hire a trailer and drive there. Ever thought of hard collection rubbish once every 6 months?

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I know in Raglan a lady has started a food waste collection in which she turns into compost, and sells back to the community. You can get free compostable plastic bags to but your food waste in. Then you pop it on the curb with your rubbish and recycling on the designated day and the come round and collect it. No charge to the public and i believe she is making a profit( but not sure) i think this is a brilliant idea and will reduce waste considerably

# SARAH

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We need to do more than this -we should be leading the way. 'Queenstown to beautiful to litter' -yet we put everything in landfill, it's shameful. Please introduce a kerbside recycling system where we split all of our rubbish and this is recycled and not dumped. We are not doing enough, education on this is important but so is the local council's responsibility to step up and own it.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We use a home composting system and I had no idea we could claim a subsidy-this to me points to failed marketing. Of course I would use a kerbside system if available -since composting we put out half the amount of rubbish. A subsidy would be great!

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

It's obvious -we should be recycling as much as possible.. thought we were until recently told its goes in landfill-it's embarrassing.. a positive impact on the environment starts at home. Please start.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

There is hardly anything.. I wasn't aware of subsidies for composting!

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Garden waste

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Of course



**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Please start making a positive impact-we are doing nowhere near enough and it will soon be too late to make a change. Recycle, no more landfill, educate, be leaders and make Queenstown to beautiful to litter.

# SARAH

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Are there any services not currently offered at transfer stations that you would like to see?

Reused section - something for Queenstown like Wanaka Wastebusters for good reusable assets - doors, bit of wood, old chairs to be upcycled

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes - as above

# SHANNON

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Organic waste should be composted at home or collected to be composted on a large scale such as the worm centre in Cromwell.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# SIMON SPARK

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowsmith

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

A better alternative is available for glass recycling which the QLDC have been made aware. No consultation or invitation for S.J Allen to be part of the Stakeholder Working Group.

Greater onus has to be placed on the originators of glass to facilitate better handling, collection and recycling of glass.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

QLDC should start with Commercial glass collection and develop a sustainable acceptable collection, handling and recycling methodology. Once this is achieved graduate to residential kerbside collection.

A single processing point for glass needs to be established at Victoria Flats.

Collaboration between the CODC & QLDC is imperative to gain economies of scale on volume.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

The QLDC's ideas for bio solids treatment and disposal lacks both detail and accuracy. We have investigated the options for bio solid drying, incineration and land disposal and are happy to share our findings and knowledge.

Will vermicomposting handle the intended volumes and has the QLDC got consent to store bio solids in the open at Victoria.

A multi pronged approach is needed.

Has the QLDC done a costing option on per ton cost of solar drying through the Project Groundswell proposal. What is the options for the disposal of the dried material produced. Victoria won't accept bio solids of any dry solid percentage, period.

S.J Allen Holdings has been transporting large volumes of QLDC Bio solids for a long time and facilitated the Kings Bend option in conjunction with the CODC. Currently if Kings Bend were to refuse QLDC bio solids then the shit would really hit the fan. Removal and disposal of bio solids needs to be a TOP priority for the QLDC.

The QLDC needs to concentrate immediately on what is easier to change and focus their resources there.

1) Construction waste, the onus again should be placed on the originator to sort at source (the building site) What are the options for construction waste. Could it be

fuel for a bio solid incinerator or drying plant. Where is it stored what are the other options for it.

2) Glass crushing. We have a proposal for this. It reduces the human factor of accurate sorting and recycling, reduces costs and has an end use. Again talk to us we have ideas. Start with commercial collection and tie the premises registration to compliance with recycling and collection.

3) Don't waste resources on trying to educate the public and visitors to recycling in public areas. It doesn't work. 1 piece of rubbish contaminant in recycling means it has to be rejected. Same applies for events. Short of having someone man every rubbish & recycling bin to sort at source it is impossible to have compliant recycling from events. Again we are the biggest event provider in the South Island. Talk to us. Ask your contractors and your recycling/transfer stations. Public/Event recycling doesn't work. Concentrate in the areas where you can make a difference you won't win them all.

4) Organic kerbside collection is a good idea.

QLDC needs to stop creating monopolies. Explanation --

1) Allwaste run the transfer stations, have the kerbside collection contract and commercial collection. There is no competitive environment. There is no will to change because they make their money from bin lifts and weight. Open kerbside collection to competition.

2) Smart Environmental is the same they run the plant (which is a disgrace. More like a tip) and they have the kerbside & commercial collection. There is no will for them to change because they make their money from volume which you are trying to reduce.

There needs to be a broader discussion with the major industry players and QLDC staff need to be empowered to adopt private sector initiatives when presented. Lets do this now and do it right. Delay any contract renewals until you have a clear coherent plan.

My moto is "local solutions to local challenges". We live in a unique place with unique challenges. It is not Auckland, Wellington or Vancouver.

Your Draft Waste Management & Minimisation Plan doesn't offer actual solutions just facts and figures. How much did it cost to produce??

Regards

Simon Spark.



# SOPHIE WARD

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

QLDC DRAFT Waste Management and Minimisation Plan 2018

Submission from Plastic Bag Free Wanaka

We would like to be heard in support of our submission

About Us Plastic Bag Free Wanaka is a group of hard working, committed and passionate volunteers. Our vision is for Wanaka to be plastic bag free by 2019 and for a reduction of single use plastic in our community and across New Zealand. Through fun events and education, we show people the harm done by single use plastics and make it easy and affordable to choose reusable options. We advocate for national action and collaboration to reduce single use plastics used in New Zealand.

There is a groundswell of community support for our organisation and our communities are actively looking for solutions to the problem of single use and other plastics. As a small, voluntary organisation we can only achieve so much and we look to council to provide services, policies and education to help our communities work towards zero waste.

Overall comment Overall, we do not think the draft Waste Management and Minimisation is ambitious enough to achieve the vision of zero waste and a sustainable district. We would like to see a greater focus on reduction of waste alongside recycling and reuse. We are extremely concerned about single use plastics in our communities and would like to see more education and awareness around alternatives and waste reduction at the source.

We would like to see ambitious diversion targets set for our district.

Organic Waste We support council's focus on organic waste as a priority. We would like to see a user pays system for organic waste. We do not support a system where those residents and businesses who compost their organic waste themselves are subsidising services they do not choose to use.

Queenstown Glass Recycling Landfilling of Queenstown glass is the result of council choosing a recycling system that does not create high quality products for recycling. Whilst we agree that this issue should be a priority for council and our district we feel that it could have been avoided by choosing a system where materials are separated at the source. We encourage the council to learn from this when letting of future waste management contracts and to specific better outcomes for our communities and the environment rather than defaulting to the lowest cost providers.

Support for community groups working on waste reduction We would like to see greater support (financial and in kind) for community groups and enterprises working on waste reduction. The QLDC events fund is not set up to support smaller events with a threshold of \$5,000 and a lengthy, involved application process that is weighted towards large events that bring economic value to our region. We would like to see a separate fund to support smaller community events and educational workshops.

Support for Container Deposit Legislation Would like to see QLDC actively supporting the campaign for Container Deposit Legislation. Container deposit systems are a simple mechanism that is proved to significantly reduce litter and increase recycling rates.

After 20 years of voluntary measures, New Zealand's beverage container recycling rates remain persistently low (estimated at less than 40%), compared to states with CDSs that routinely achieve rates of between 85 and 95%. (Source: Envision "The Incentive to Recycle, The Case for a Container Deposit Legislation for NZ", September 2015).

Education We wholeheartedly support the continuation of existing education programs including Dr Compost and school education being delivered successfully by Wastebusters. We would like to see this extended to include more education around reduction of waste and recycling to increase recycling rates and reduce contamination.

Construction and Demolition Waste We support the council's efforts to reduce the amount of construction and demolition waste going to landfill. We suggest the council investigate adopting a similar process as for Zero Waste events where builders or landowners are required to complete a simple waste management plan which shows the type of waste they will be creating and how this will be disposed of. At a minimum all building sites should be recycling cardboard and shrink wrap and, in Wanaka, polystyrene also.

We encourage the council to be bold and ambitious in their efforts to work towards zero waste

# STANLEY SIMPSON-WELLS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Not aware of anything but would use it

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

YES 100%

# STEVE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Although building waste should be a priority too because of the sheer volume. And plastic, although that should be more reduced by the consumer.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

I virtually have zero food waste but green and garden waste is a problem. Maybe it doesn't need to go to the same landfill as all the other trash.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Getting residents to separate their own glass so it can be recycled properly is a no brainer.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

People still seem to have an 'out of sight, out of mind' intellitec. I've seen lots of stuff going to recycling bins that is not recyclable. Even making recycling wheelie bin stickers readily available so people have a better idea of what can and can't be recycled. Most wheelie bin stickers are old and Faded. And I strongly believe that everybody should have an opportunity, and be encouraged to go out to the landfill to see where their rubbish actually goes.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, I think there is potential in that, but that would take a lot of space to work properly.

# STUART MOUNTAIN

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish



# SUE COUTTS

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

QLDC WMMP submission April 2018 Submission on the Draft Waste management and Minimisation Plan on behalf of Wastebusters, a community enterprise working for zero waste.

Prepared by Sue Coutts Wastebusters General Manager

So why do we all bother? Waste matters more to us than almost any other district in NZ. Our brand, reputation and future prosperity are tied to the clean, green New Zealand visitors expect to find when they hop off the plane. The high expectations of visitors are echoed by those of residents who put environmental sustainability and low impact living at the top of their values list.

Council has signalled it's intention to take a bold, strategic approach to resolving the districts infrastructure issues. Waste is a flagship activity for demonstrating commitment to sustainability. A high proportion of visitors expect to see visible evidence of state of the art recycling systems as proof that we are serious about protecting our environment.

We need to make the shift from managing our districts waste problems to solving them. We can't afford to be on the back foot in the face of a 30% increase in ave daily population over the next ten years. QLDC has the opportunity to set the bar for what NZ can achieve by taking a proactive approach to dealing with waste.

QLDC can change the game by investing strategically for the future. At the district level we need to shift away from spending on transfer stations for rubbish towards investing in resource recovery parks that work for the circular economy. That would set businesses, residents and visitors up with the infrastructure they need to do the right thing with products and materials at the end of their lives.

QLDC has a lot of power to influence decisions made by Central Government and we should be using this to lobby for key pieces of the waste reduction puzzle to be put in place. This Government has signalled an intention to refocus on the waste reduction and minimisation initiatives we need to build the circular economy and support our clean, green brand.

To achieve this we need to expand and increase the waste levy, introduce Container Deposit Schemes and put mandatory Product Stewardship schemes in place for tyres, E-waste and Agricultural chemicals. If we don't take this opportunity to implement the provisions of the Waste Minimisation Act 2008 residents will continue to pay a high price for dealing with increasing waste arisings for many years to come.

QLDC has a good track record for responsibly managing our districts rubbish. We need to shift focus and invest to develop high quality recycling systems that meet the expectations of residents and visitors. These systems need to be built with the end user of the products in

Wastebusters submission on QLDC WMMP April 2018

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mind. That would see; glass meeting the specs for bottle to bottle recycling and high quality organic material feeding our soil.

To succeed in this QLDC needs partners that share its bold strategic goals. Central Government has signalled its commitment to create a playing field that supports waste reduction and minimisation. A hands on approach at the district level will ensure the WMMP gets traction because it's the face to face connections that inspire people from all walks of life to get behind shared goals and go the extra mile it takes to make things happen.

Council can use a strategic procurement approach to resource engaged individuals and communities, purpose driven social enterprises and forward thinking businesses to deliver services that do more than just meet service level objectives. Choosing partners that share councils goals will enable council to get more for its money by resourcing organisations and contractors that will drive change and work for zero waste.

User pays is an important tool for driving waste reduction and minimisation. Those that do the right thing should be rewarded with lower cost of service. Pay as you throw is a key principle that needs to be applied to all rubbish services. It should also apply to all commercial recycling activity so the costs of more recycling are covered by the user.

The best way to reduce the costs and risks of waste is not to make or buy it in the first place. Investing in waste reduction strategies is the number one way our district can save money and energy in the long run. Zero waste, reduction, reuse and resource recovery are on the rise in popular culture. This is an ideal time for QLDC to commit to a bold new approach that leads us into the future and steps away from past problems.

Scientific evidence supports the view that zero waste is not only a good investment it's also successful, scientific, learning and growing, controversial and challenging the status quo, measurable, socially and culturally beneficial.

Wastebusters has been working for zero waste in our district and across New Zealand for almost 20 years. Over that time we have seen support for waste reduction and diversion come and go. Right now there is a real sense of opportunity in our industry and we hope that QLDC takes this chance to make the best use of the favourable times we find ourselves in.

Wastebusters submission on QLDC WMMP April 2018

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Our top 5 actions and the results we would like to see at end of 6 years

# Priority action Result we'd love to see by 2024 1 Use lobbying power to support Government to implement waste levy, Product Stewardship schemes and Container Deposit Schemes in line with the Local Government Waste Management Manifesto Responsibility for end of life disposal shifted from ratepayers to producers and consumers. Financial incentive to recover resources instead of landfilling. Reduce burden of visitor waste management costs on districts residents 2 Use strategic procurement to invest in building infrastructure and services that drive reduction, resource recovery and product take back. Meet resident and visitor needs by supporting the development of an integrated network of resource recovery centres grows out of the existing transfer station asset base. 3 Recycling and organics processing systems are designed with the end user of the product in mind. Glass to bottle to bottle recycling. Organics to high quality soil conditioner. Our districts recycling systems support the emerging circular economy and supply materials that are high quality inputs for biological and technological recovery processes. 4 QLDC addresses and reports on waste minimisation and diversion from own operational activities. Council leads the way by establishing a baseline and reducing and diverting waste generated through its activities. 5 Council working in partnership with a wide range of others to work for zero waste and a sustainable future for our district Communities, enterprises and local people actively engaged in finding solutions that reduce waste at source and divert >50% of waste across the district by 2024

Comments on WMMP section 2. Vision, Goals, Objectives, Targets Make Reduction a focus area It's time to stop managing our waste problems. We need to invest in solving them.

If we want our district to lead the way in the destination management space and to make this a great place to live, we need to make reduction of waste a priority for our district. The current waste management focus serves to maintain the status quo. A waste minimisation focus would challenge us all to think outside the box and shift to a whole system approach. Until this happens, we will face ever increasing capex and operational budget lines for waste management.

We need to align our districts investments, procurement processes, strategies, partnering arrangements and service level activities to prioritise waste minimisation. If we do that we

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have a great chance of being able to make rapid progress towards zero waste and a sustainable district. We are diverting 30% of our districts waste now. Other communities in New Zealand and around the globe have reached 75% and 80% targets. The tools we need to make the jump are right there.

We need to switch our thinking to design waste out of the system over time and use positive levers to change people's behaviour. We need a whole system approach to make the shift from managing ever increasing volumes of waste to reducing waste over time.

To deliver on our WMMP's vision: "towards zero waste and a sustainable district" we need to take a bold and proactive approach. Reducing waste needs to be at the top of the priority list. This is critical for QLDC residents who highly value environmental sustainability and low impact living and for meeting the expectations of the tourists and visitors who stream into our district every year.

In 2007 the Auditor General reviewed TA progress in implementing their Waste management and minimisation plans . QLDC was one of 6 councils selected for an audit. 1 Found that “despite the progress they had made, the 6 districts managed steady or increasing quantities of waste in recent years.” The auditor general found that the 6 councils “favoured waste diversion and waste disposal activities rather than waste reduction. Thus most of their activities involved managing waste that had been generated rather than reducing the quantity of waste generated.”

These comments are as true today as they were 11 years ago. The Auditor General pointed to the purpose of the Waste Minimisation Act 2008, “to encourage waste minimisation and a decrease in waste disposal to protect the environment from harm and provide environmental, social, economic, and cultural benefits.”

To achieve this purpose they suggested framing WMMP implementation efforts in three separate bundles in line with waste hierarchy priorities as follows:

1. Waste reduction - reduce waste at source 2. Waste diversion - reduce waste to landfill 3. Waste treatment and disposal - collect, transport and landfill

We note that Auckland Council has chosen to use this format to define the primary goals for Auckland's 2018 WMMP . 2

1. Minimise waste generation 2. Maximise opportunities for resource recovery 3. Reduce harm from residual waste

We suggest that QLDC frames up it's WMMP goals in a similar way. Dividing the goal “improving the efficiency of resource use” into two parts, one with a reduction focus and the 1 ?Waste Management planning by Territorial Authorities 2 ?Auckland Council Draft WMMP 2018 Wastebusters submission on QLDC WMMP April 2018 5

other with a resource recovery focus makes it less abstract. Then it's easier to see how the initiatives and actions of various players can help achieve these goals.

This would enable alignment of investments, procurement processes, strategies, partnering arrangements and service level activities behind each of the three goals so it is clear which part of the hierarchy capex, opex and energy are being applied to. Objectives and priorities would also line up behind these goals.

It would be easy to see whether resources and attention are being spread across the hierarchy goals in the most effective and efficient way. It would also create clear sightlines for reporting on achievements. These would be easy to align with LTP statements e.g p100 Vol 1 says that Waste Management is managed in three subactivities: ? Waste management and minimisation and recycling ? Refuse collection ? Landfill provision We think this is a bit confusing as waste management is also used as a general umbrella term for all waste related activities. We think the three tier framework we have suggested is a more useful way of structuring thinking about investment and action under the “Waste” umbrella.

Council is required to consider the Waste Hierarchy in priority order and using the three tier framework in each relevant document would make it very obvious where there are gaps that need attention. For example this would flow through into the activity lists in the LTP vol 2 p146 which contains specific outlines of activity: landfill provision and management, activity: refuse collection and activity: recycling. However there are no activities listed that have a waste reduction focus.

It is likely that current spending and attention are allocated along the following lines.

Waste management focus area - internal and contract activities  
Guestimate on proportion Guestimate on spend based on 2017/18 opex budgets  
Waste reduction Minimise waste generation 1-3% Less than \$300,000 per year  
Waste diversion Max opportunities for resource recovery 25%+ More than \$2 million per year  
Waste disposal Reduce harm from residual waste 70+% More than \$7 million per year

This spend is in line with councils reported diversion rate of 29%. Seeing it laid out like this makes it very easy to see what councils investment focus is. The old sayings "You get what you pay for" and "What you pay attention to grows stronger" are useful to hold in mind when considering how QLDC could structure WMMP activity and budget lines to drive change rather than maintain the status quo. For example it would cost very little to double the Waste reduction budget line and this could drive savings at the disposal end.

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The draft QLDC WMMP 2018 directly lifts the goals from the 2010 NZ Waste strategy (NZWS) and uses them as the WMMP goals. Given that the WMMP runs for the next six years we think it is time to move on from this approach.

The 2010 NZWS is a dated document which reflects the focus of the previous Government. The Associate Minister for the Environment holding the waste portfolio has signalled this Government's intention to prioritise waste reduction and minimisation in order to make the shift to circular economy. It makes sense to reflect this intent in the 2018 WMMP document especially if Council intends applying for Waste Minimisation Fund support for infrastructure or other projects over the next six years.

The 2018 Local Government Waste Management Manifesto developed by the TA Forum a 3 sector group of Wasteminz, has as it's number one priority a review of the NZ Waste strategy to set a clear programme for action. It is likely that the document will change substantially from its current form in the next couple of years.

Introduction section of QLDC WMMP 2018 Recommend ? Including statement containing the purpose of WMA 2008 alongside an explanation of importance to development of WMMP. This is in line with the QLDC 10 year LTP 2018-28 document p70 vol 2 Table 9 Key to significant infrastructure issues and Implications (Legislation and Guidance) which lists the WMA 2008 as a driver and says QLDC "can show that it is seeking to deliver measurable improvements in solid waste education and management to improve environmental, social and cultural benefits." (We note that this differs from the full purpose of the act in that it leaves out economic benefits, amongst other things.) ? Including a paragraph on the community outcomes the WMMP seeks to deliver on as part of the context that has been considered while developing the WMMP. As we understand it these are: ? Communities have a good standard of living and wellbeing ? World class landscapes are protected ? Environmental sustainability and low impact living is highly valued ? Partnering for success ? Including a statement detailing importance of zero waste and sustainability for districts brand and reputation as a premier New Zealand destination. ? Adapting the language in the LTP and the WMMP to Solid Waste Minimisation rather than Solid Waste Management. This is in line with the purpose of the Waste Minimisation Act 2008 and will help shift thinking from a managing mindset to a minimisation mindset.

Section 2 Vision goals Objectives and targets Recommend

3 ?Local Government Waste Management Manifesto 2018 Wastebusters submission

? Swapping out the 2 goals and 4 objectives directly relating to the NZ Waste strategy 2010 and replacing them with a clear, simple 3 tier Reduce, resource recovery, residual waste structure that has the power to drive decision making and investment in the future and creates a simple framework for reporting on what matters.

We support councils vision of working "towards zero waste and a sustainable district

?". We consider this vision is strongly aligned with the purpose of the WMA and the community outcomes detailed in the 2018-28 10 year plan. It ties back to councils original decision to commit to working towards Zero Waste in 2003. It also backs the clean, green brand that underpins our districts economy. It is forward thinking in that it aligns well with the renewed focus on creating a circular economy.

It would be useful for the WMMP to contain an outline of what zero waste is and how it supports the districts broader sustainability goals. In our work we use zero waste in three different ways to provide an underlying philosophy, a road map to our destination and a practical toolkit of initiatives. This would connect the vision to both the actions being taken across council through the 10 year plan 2018 and the actions being taken through the WMMP 2018.

We think it would be useful for the WMMP to contain a statement clarifying the stepping stones council intends to use to approach this vision. Waste reduction initiatives help achieve zero waste by reducing waste in absolute terms while waste diversion initiatives help achieve zero waste to landfill which is a different type of goal. It would be useful for council to spell this out tie the vision to the goals and action plan

2.2 Goals Objectives and targets We are suggesting Council has 3 goals rather than 2. Our suggestions for how objectives would align with these is detailed below. We have incorporated the Objectives included in the WMMP and added several that support the Waste reduction goal. We think these are a good fit with the actions contained in the WMMP action plan.

If goals are adapted Suggested adjustments to objectives

Waste reduction Minimise waste generation

Advocate for product stewardship and stronger regulatory incentives to reduce waste at source

Support residents, visitors and businesses, to take personal responsibility for reducing waste

Apply user pays tools wherever possible to incentivise waste reduction so those that produce less waste pay less.

Waste diversion Max opportunities for resource recovery

Provide, and support the development of, infrastructure and processes to enable resource recovery

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Continue to operate effective and efficient household recycling collection and processing services

Educate and support residents, visitors and businesses to participate in available resource recovery opportunities

Waste disposal Reduce harm from residual waste  
Restrict organic and other harmful waste going to landfill

Continue to manage residual waste effectively and efficiently

Targets It is useful to have clear, specific measurable targets so there is a robust process for assessing progress in relation to the WMMP goals. The way the measure is created is also very important and this needs to be transparent so we can compare apples with apples.

It would also be useful to have a set of consistent measures reported on over the 10 year plan period to give time for any patterns to emerge. We note that reporting measures and formats have changed a number of times over the last 20 years and it is very difficult to get any sort of clear picture of change through time in key indicators from public documents.

We note that the Wasteminz TA Forum have developed a National Waste Data Framework. We encourage QLDC to make sure that data collected and reported is in line with this.

The measures detailed in the WMMP p6 are a good start but there is no consistency across the Waste Assessment, WMMP and Annual report documents about how these are generated or reported. This is confusing and makes it hard to understand what any given number actually means. It is important that this is clarified and that measures across all public documents are the same or any variation explained.

Measure 1 Total waste to landfill? (T/Year) Existing measure adjusted for total volume

The WMMP does not give detail on how the measure will be created. Waste assessment p 16 says measure will be as Measured at Wanaka and Wakatipu transfer stations. This misses the material that by passes the transfer stations and goes direct to Victoria flats landfill - around 13,052 tonne a year (252 tonne x 52 weeks) data from p 9 of WMMP It also misses the sewage sludge being sent to landfill outside the district.

Measure 2 Total waste diverted? (T/Year) Existing measure adjusted for total volume  
Reported kerbside recycling after processing, green waste and recycling drop off.

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This measure is confusing as it talks about total waste diverted however the explanation in the Waste Assessment doesn't include material diverted through council contracts via the transfer stations e.g scrap metal etc

The diversion figure in the WMMP p 11 is 13,936 tonnes in or around 30%. It is not clear whether this is all from council contracts or includes private and community operators diverted materials as well e.g. Commercial recycling from Queenstown, Wastebusters recycling and recovered materials and Wanaka Green waste.

The diversion figure in the 10 year plan p102 vol1 is 4,800 tonne or around 14%. It is described as total waste diverted from landfill. We assume this is kerbside collection minus glass sent to landfill plus material diverted via the transfer stations. It is not clear whether this is the case or not. It would be very helpful to include a description of what the measure comprises in the Key Performance Indicator boxes alongside the numbers.

We assume the lower figure is the one that the WMMP measure refers to. We think it would be helpful to include several other measures to give a more rounded picture

and to enable council to show progress in relation to WMMP goals.

Organics? is a key focus so it would be good to include a baseline and report on change from baseline over time as initiatives are put in place.

Contamination? and loss of glass to landfill have been an issue for recycling so it would be helpful to include an Effective Recycling measure to demonstrate progress with the better glass recycling focus. Contamination rate is handy for this. Total material collected - total contamination and material lost to landfill e.g. queenstown glass expressed as a percentage.

Establish a baseline using current data for example total recycling collected 4,417 tonnes minus 2,652 tonnes of glass lost to landfill equals a 40% contamination rate. Then work on improving that in the next tender round.

Tonnes of waste and recovered material per head? per annum are useful measures.. Council has good data on usually resident population and visitor numbers. The data can be shown adjusted for both residents and residents plus visitors on an average day. We think it is useful to continue to report on these because they add detail to the picture. They set waste problems at a human scale which has the power to motivate individuals.

If you are a person committed to working for zero waste it is good to be able to relate your own efforts to the average so you can see if you are above or below the average line. Looking at 35,000 tonnes and rising is demotivating for the average person or business because the scale is too big. It is also very likely that the total waste to landfill will continue to grow over time so there will be no sense of satisfaction from seeing a downward shift while population keeps growing.

There are problems comparing the per head numbers for QLDC with similar data from other places because they do not have the same number of visitors. We should not let that worry

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us because we know why they are high. The original per head targets have not been reached because of the glass going to landfill and the building boom but this is not a good reason to abandon them.

To get people excited about waste reduction, reuse and recycling you need to give them regular feedback on how they are going. It would be useful for QLDC to think about which data they collect that they could regularly share to help keep residents motivated and engaged. A strong feedback loop will help to motivate and inspire people to do more.

The 2011 WMMP had ten measures to report on however we are not aware of any public reporting on these and no comments have been made in the 2018 waste assessment or WMMP to indicate whether they were achieved or not.

We note there are no measures that relate to reduction goals in the WMMP. We recommend that council develops at least one relevant reduction measure.

Measure 3 Consent Compliance (%) Existing measure Landfill and transfer station consents. Useful for reporting adverse effects of activities

Measure 4 Customer Satisfaction (%) Existing measure % satisfied in Annual ratepayer survey. Gross indication of satisfaction with services available in the district

The WMMP states that the adopted programme will determine the targets. However we were not able to see any clear statements about what these might be. The



discussion around the benefits of Programme 6 estimates around 19% reduction in waste to landfill over ten years. We are assuming clearly defined targets relating to programme 6 will be developed once the preferred programme has been signed off.

#### Comments on WMMP section 5. Councils Roles

We support the Bold Leadership approach taken by Mike Theelan and Jim Boulton in the 10 Year Plan and their 30 year infrastructure horizon. However we think further work needs to be done to align the proposed Waste Minimisation and Management Plan with this bold approach. With a \$29m capital works budget and a \$145m operating budget, waste minimisation is a big ticket item that deserves the same dramatic shift in thinking that has been applied to other infrastructure line items.

The visitor and resident population of the district is growing fast. Equally, the operating environment for resource recovery and waste management is changing fast. We need to design resource recovery centres and transfer stations so they are flexible and able to adapt as the wider operating environment and our community's diversion rate changes over time.

We agree with Peter Hansby that: "Providing education and quality alternatives that encourage positive behaviour changes will be a fundamental part of any future approach.

"

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and "It is through collaboration and sharing of knowledge that our sector can best respond to the needs of the communities we serve.

"

We urge council to invest time and energy in engaging with the community on the big picture issues around waste minimisation throughout the 6 year life of the WMMP as a way to harness public energy and enthusiasm for reduction and zero waste.

A key role council can play is supporting the development of a varied, competitive, mixed economy of service providers in the district. Our district is growing fast and there are big changes coming in our industry. A diverse sector will be more resilient and interested in innovating to fill niche opportunities as they arise than a single monopoly operator.

We would like to see council get involved in a wider range of partnerships and supportive relationships to leverage the existing activity of community and private operators active in the waste minimisation space. This would benefit both parties and ensure that valued services are sustainable. There may also be new opportunities where council could become involved in creative ways to give new or existing operators a hand up. This approach could deliver WMMP goals without council having to pay the full cost.

Examples include; Wastebusters operates a community resource recovery facility serving the Wanaka community at no cost to council. We'd like to explore options for working in partnership with Council to achieve more. The Wanaka Green Waste site could divert more organic material if it had support from council. It may be more effective to focus on supporting this operation to be open for longer hours or more days a week instead of providing a parallel service for Greenwaste 50 metres away at the Wanaka transfer station. The Hawea Community Drop off point is very well used and this creates issues with monitoring and servicing frequency. The community have indicated they would be willing to explore creative options for taking care of the drop off. This could be by pulling it back into the Hawea Green Waste depot.

QLDC has reached the point where we need to change to a different operating model to enable a higher level of resource recovery. Council has earmarked a significant amount of investment money for Capex over the next ten years. We would like to see most of that money spent on assets that enable resource recovery rather than residual waste handling..

Issues with the current infrastructure ? Transfer stations and recycling centres operate as separate entities and have different drivers so it is hard to divert material once it has arrived at the transfer station site or to create price incentives to divert recoverable material. We are pleased council is exploring options to change this. ? In Wanaka the Transfer station, Wastebusters and The Green Waste depot all operate independently. They are all accessed through the same gateway. It would be valuable to explore ways of integrating the three from a customer perspective to divert more material. This would be especially useful for visitors who find it confusing.

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? Processing site for kerbside material is on Glenda Drive which is a high value site and could be better used as a customer facing resource recovery centre integrated with the adjacent transfer station. We would like to see the processing plant moved to an out of town site e.g. at the Victoria flats landfill so it can expand to meet demand and have plenty of space to store materials awaiting shipping e.g. bales of product and colour separated glass for bottle to bottle recycling.

QLDC's current asset base is focused on the transfer stations. Resource Recovery Parks and Community Recycling Centres are the new normal. Auckland Council is leading the way in establishing a Resource Recovery network across the city. It would be very useful for QLDC to take a whole system approach when considering how to get best value from it's investments in recovery infrastructure across the district.

There is some confusion over what services are supplied by council and what is provided by independent operators. This flows through into the 10 year plan and WMMP documents. We think it would be really useful for council to clearly map out the current resource recovery and waste handling network. With the 2018-19 RFP process looming any confusion could result in perverse outcomes.

Waste levy funds returned to council are very likely to increase over time. We suggest that council allocates 50% of new funding coming into this pool to supporting reduction initiatives and investments that manage the shift across to new recovery methodologies. Council could commit in advance to allocating a percentage of this stream to particular activities. We suggest the other 50% goes to Education, Engagement and Communication work. This is in line with council's approach to other infrastructure development timeframes that speed up or slow down depending on the flow of external funds due to Central Government decisions.

Council role as Financer - Capex and infrastructure projects We fully support council's intention to invest strategically in resource recovery and waste infrastructure across the district. We note that council has budgets of \$29m over the ten year term for this. It appears that \$22.5m of this will be spent in Queenstown and \$6.4m in Wanaka. \$18.1m will be spent on infrastructure to support collecting and handling rubbish. Just over half that \$10.8m will be spent on infrastructure to support collecting and processing recycling. It appears that almost none of the recycling infrastructure budget will be spent in Wanaka.

We do not agree that the current capex allocation supports achievement of council's vision and strategic objectives. It fails to create the powerful driver we need

to take us towards zero waste and a sustainable district as envisioned in Councils 2018 Waste Minimisation and Management plan.

To increase the proportion of material recycled we need to prioritise investment in resource recovery infrastructure. Infrastructure has a long life, the infrastructure strategy has a 30 year timeframe. We need to be building the infrastructure we are going to need in the future rather than rebuilding the infrastructure we used in the past. We need to prioritise resource

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recovery facilities and customer facing recovery sites so our district is on the front foot in the years to come.

The Statement of financial performance in the 10 year plan 2018/19 to 2028/29 shows waste management operational spend increasing steadily over time. LTP figures show operating expenditure doubling from \$9.4m 2017/18 to \$18.1m 2028/29. Population is projected to increase by about 30% over the same time. It looks like ratepayers will have to pay more in the future for services than they do now.

We note that Waste related OPex is about 10% of annual spending but it requires only \$5 in each hundred of rates revenue. We are assuming waste activities are about 50% funded through user pays mechanisms. We would like to see user pays mechanisms funding as many waste activities as there is a viable revenue stream for.

User pays is a valuable tool for driving waste reduction. People and businesses that make less waste and less recycling should pay less. The producer pays principle is well established as an economic instrument to drive change in our industry. Fair allocation of resources across the district As both Wanaka and Queenstown residents pay the same landfill levy and targeted Waste Management Charge, we think it is fair to have a level playing field across the district in provision of services. The Infrastructure spending outlines in the LTP favours Queenstown as detailed above.

There are two points we think are relevant: Growth projections taken from the LTP document shows average day population growth in the Wanaka ward at 31% over ten years, Queenstown shows as 27%. It appears that Wanaka is growing faster than Queenstown. The WMMP actions list and the Capex budget have upgrading the Queenstown site to deal with rapid growth as a key priority. We think this the same attention needs to be applied to Wanaka to help it cope with growth.

The same data set shows that the Wanaka peak day population spikes much higher than Queenstown. Wanaka peak day in 2018 is 127% greater than average In 2028 it is projected to be 123% above average day population. Queenstown Peak day population is only 66% higher than average day at both ends of the decade. This suggests that Wanaka facilities are under as much or more pressure as Queenstown's

We think council should carefully assess any spending on asset development to take this information into account. At the moment it seems there is an assumption that Queenstown facilities are under a lot more pressure than Wanakas (which are less than half the size). The fact that a lot of waste from Queenstown goes direct to landfill instead of through the transfer station also reduces pressure on the Queenstown facility.

There is a gap in service provision as Council does not provide a resource recovery centre for Wanaka residents. This is provided independently by Wastebusters. It would

be good to

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explore options for investing in making the current shared site access and traffic flows more functional as part of the district wide asset upgrade process and for creating a fair approach to funding drop off services for residents and visitors.

There is some confusion in the LTP and WMMP documents around how facilities and services work. To clarify we note the following: ? It is our understanding that the land, buildings, services and supporting infrastructure were provided by Council for the Wakatipu Recycling centre on Glenda drive rather than being built under a BOOT contract by the Contractor and that the contractor supplied the machinery and equipment used for processing. ? LTP document Vol 2 P146 "Activity Recycling. The purpose of this activity is to provide ?(refuse)sic

? recycling services throughout the district. This includes ..... the operation of resource recovery centres in Queenstown and Wanaka." Council does not operate a Resource recovery centre in Wanaka. Wastebusters has a lease for the site which is owned by council. Wastebusters owns all the improvements on the Ballantyne road site.

The landfill We think we should be worrying more about the preserving the void space in the landfill. Worst case predictions are its full in 2049, best case that it could last as long as 2074. The landfill is not like other assets it won't wear out and become a liability the longer we keep it open. 2049 is on the edge of the 30 year Infrastructure planning horizon. If we don't make some serious changes we will have to have a new landfill option consented and ready to go in 30 years. Avoiding unnecessary costs will help us get best value over the whole of this assets life.

Advocacy We fully support Council promoting and using it's lobbying power at national level to address waste management issues which are outside councils direct control.

Wastebusters supports Queenstown Lakes District Council partnering with other councils and interested parties to advocate for the introduction of tools which would help to shift the operating landscape in favour of increased waste reduction. We believe councils working together at the national level will be very effective in driving change.

The TA forum, which is a Wasteminz Sector group, has developed the ?Local Government Waste Management Manifesto 2018?. This details 5 key actions that could be taken by Central Government to create a supportive operating environment for councils.

The 5 key initiatives have been agreed by by the TA forum as having the most impact to set NZ on the right path towards a circular economy are: 1. Reviewing the NZ Waste strategy and setting a clear programme for action 2. Expanding the waste disposal levy and progressively raising the levy rate 3. Officially adopt and implement the National Waste Data Framework 4. Introduce a container deposit scheme to lift recycling rates

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5. Declare tyres, e-waste, agricultural chemicals and plastics as priority products

These actions would enable real reductions in waste to landfill and reduce the costs borne by QLDC and our communities. Benefits include: reduction on Greenhouse gas emissions, more competitive industries and services, improved soil quality, less reliance on imports, reduced risk from fluctuating commodity markets, Increase in economic activity and satisfying jobs, more diverse economy.

QLDC has substantial lobbying power and we would like to see this deployed in the service of the TA forums Manifesto at all levels and through a range of channels via elected representatives and officers.

The change of government has shifted Central Government's focus back onto tools available through the WMA 2008 to drive recovery and reduction. It is very likely that key provisions of the WMA 2008 that have the power to drive waste minimisation will be implemented if the Government feels it has the local government and community support to do so.

These include; Waste levy? - broadening the scope and increasing the charges year on year. In 2009 the NZ Government introduced a \$10 per tonne levy to waste going into class 1 landfills. However this rate is too low to drive waste reduction and the Levy applies to class 1 landfills which only attract 30% of NZ's waste. The other 70% goes into class 2-4 landfills or is disposed of in farm pits.

The Waste Levy is the most powerful tool we have to reduce waste. International evidence from UK, Europe and Australia supports the case that extending and increasing the the levy will reduce waste and increase diversion rates. NZ research? showed there would be multiple benefits from a well designed levy regime. The study suggests extending the levy to all classes of landfill and raising it progressively to \$140 a tonne.

The levy does two jobs. It creates a pool of capital to invest in recovery and reduction activities at the council and national levels. It will also increase the per tonne cost to landfill which enables the commercial development of alternatives as they become economically viable.

Around 50% of waste levy funds are distributed to Councils to use for local waste minimisation initiatives. As the levy rate increases QLDC's share of the levy funds would increase creating a new pool of uncommitted revenue to apply to new initiatives and waste minimisation infrastructure.

Product stewardship schemes? - It is very likely that mandatory product stewardship schemes will be put in place for tyres, e- waste and electronics, agricultural chemicals and plastics and other products that are problematic at the end of their life span sooner rather than later. These will require infrastructure that supports the takeback process and are likely to include some form of advance disposal fee component to cover end of life recycling costs.

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Container deposit schemes - mandatory schemes covering glass, cans and plastic containers are likely to be established. This will create a user pays mechanism to cover the cost of dealing with visitor and resident recycling. It will also create an incentive to return bottles and cans to claim the refund which will reduce littering and reduce the flows of materials going through public space recycling bins.

A container deposit scheme would be of major benefit to our district, as it creates a user pays mechanism that shifts the cost from the ratepayer onto the producer and the consumer. This would take some of the pressure of funding recycling off our ratepayer base, by providing a mechanism to pay for the recycling of cans and bottles emptied by our many visitors.

Review the NZ Waste Strategy? - NZ lacks a clear strategy to guide action and investment. The NZ Waste strategy 2010 has no goals, targets, actions, timetables or responsibilities. The strategy needs to be revised to develop a comprehensive action programme.

This would clarify Government's priorities and time frames, help align councils WMMPs with national priorities, guide strategic investment of Waste Levy funds, encourage joint working and regional planning, create certainty for private sector investment in infrastructure and services. Adopt the National Waste Data Framework? developed? by Wasteminz? and implement to enable better planning and monitoring at local, regional and national levels

Community leadership We would like to see QLDC leading the way by monitoring and reporting on the performance of its own operational activities in relation to waste reduction and diversion activities. It would be great to see council establish a baseline, come up with some strategies and tell the story of how it is working for zero waste internally. This could be extended over time to cover all council operational activities and facilities.

We know council offices and facilities do a pretty good job of recycling in Wanaka so it could be a low hanging fruit that gives Council a good news story to tell. It would be a great way to get residents and business people on board with the WMMP and build confidence in Council's ability to Walk the Talk.

Strategic procurement QLDC is looking for innovative, affordable ways to deliver on its ambitious work programme. Council can show bold leadership by taking a strategic approach to procurement. Aligning broader council goals, such as a more diverse economy, inclusive communities, environmental sustainability and wellbeing with public spending on contracts and infrastructure will deliver multiple benefits from each dollar spent.

Partnering for success and learning from other bold communities is integral to Bold Leadership. Auckland Council has put a lot of thought and resources into developing a strategic approach to procuring Waste minimisation and management services. Wastebusters submission on QLDC WMMP April 2018

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Auckland Council has moved away from considering cost as the sole driver when it comes to procurement. They successfully run strategic procurement processes that allow them to consider long term outcomes and wider benefits generated through contract work to deliver best value..

The concept of 'best value' can be understood as the optimum combination of whole of life cost and fitness for purpose. Best value provides a useful way thinking about what you are trying to achieve through your purchasing decisions. Efficiency based processes tend to focus on the short term economic cost of doing a job expressed as the price of a contract, often the goal is to find the lowest price per unit.

The problem with this approach is it encourages a 'race to the bottom', contractors look for ways to externalise cost and internalise profit and the game becomes: ?How can I do the least work for the least money?

? Both the price and the service are shaved in a drive to offer a tender that barely meets the service objectives.

Auckland Council also use an innovative approach to partnering to get more bang for their buck. This enables them to deliver economic, environmental, social and cultural benefits as part of their Waste Minimisation plan implementation process. Their approach is in line with the Waste Minimisation Act 2008 which encourages a reduction in the amount of waste we generate and dispose of to reduce the environmental harm of waste and provide environmental, economic, social and cultural benefits.

It is also in line with the Local Government Act 2002 which requires councils to take a sustainable approach when procuring goods, services and works. Sustainable Procurement has the most positive environmental, community and economic impacts on a whole of life basis and creates value and legacy. This includes:

• value for money over whole of life • minimising environmental impacts over whole of life • strategies to avoid unnecessary consumption, manage demand and minimise waste • social responsibility of suppliers including obligations to employees • obligations under the Treaty of Waitangi • where appropriate working with local communities and organisations for specific outcomes

Strategic procurement is a useful tool for making sure council is partnering with and procuring from enterprises and organisations that share council's goals. Community and social enterprises who are purpose driven can be very good partners and service providers for council as they can enable council to tick several boxes at once. Commercial operators can also deliver on Councils outcomes and broader goals where these are specified clearly in the RFP and contract documents.

Strategic procurement enables Council to spend on activities and outputs and deliver on service level outcomes, community outcomes and create broader value using the same

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contract budget. A public benefit model for strategic procurement measures success in terms of outcomes for people rather than short term cost savings and creates a race to the top by encouraging innovation and a focus on benefits.

In the public benefit model effectiveness of outcomes is assessed in terms of their benefit to users and the community; and the service providers are encouraged to co-operate and innovate to maximise these benefits, rather than compete to minimise costs.

The onus is on the service providers to demonstrate the value of their approach in their tender, showing how positive social, environmental and economic outcomes will accrue for the service users and the wider community.

The model stimulates innovation amongst all the providers to achieve the key local priorities of Council. It also puts the wider impacts of each provider at the centre of the tendering process. Rather than being incentivised to meet minimum environmental or social standards in service delivery, they are incentivised to maximise the social and environmental benefits in the presentation of the tender itself. Thus added value is seen as a core component and weighted accordingly so that desirable outcomes become part of the feedback loop.

Public benefit model Purchase these Should get these but don't always  
These are the bonus that accrues if provider properly aligned Activities Outputs  
Service level outcomes Community outcomes Long term value created Kerbside recycling service Collections completed  
Materials processed Recycling materials suitable quality to be sent to re-processors and included as recycled content in new products

Systems and processes fit for purpose

Service frequency meets community demand

Community and council has confidence in the systems and processes

Contract work underpins other work/services that would not be available if had to run as stand alone. E.g. reuse shop, product take back, events recycling, SME recycling etc

Communities have a good standard of wellbeing

Sustainable growth management

Efficient and Effective infrastructure

Strategic investment

World class landscapes are protected

Resident, tourist and visitor expectations met

Environmental sustainability and low impact living is highly valued

Service users have faith and confidence in councils ability to procure reliable, satisfying infrastructure and services

NZ Inc prospers

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Auckland Council faces similar problems to QLDC with rapid growth and demand for infrastructure and services. They have developed a strategic procurement approach to make sure council makes the best use of every dollar spent.

This is especially important for recycling contracts which are reasonably complex to put together. Complexity increases with a long supply chain so the more players involved the more opportunity there can be to pass the buck when things don't work as expected.

QLDC recycling contracts have not delivered the service level outcomes expected in Queenstown with all glass going to landfill and there are issues with rural drop off servicing levels and a decrease in the amount of glass being sent to bottle to bottle recycling in Wanaka. QLDC's 2015-2016 kerbside collection data set shows glass recycling down by 208 tonnes, commingled recycling up by a similar amount which would suggest that about a third of the glass collected in Wanaka also travels through the Queenstown MRF and ends up going to landfill. The services have not proven to be efficient or effective.

It is important that QLDC gains a sound understanding of why the system in place has failed to deliver at this basic level. It may be useful to work through similar steps to Auckland Council in the early stages of developing the scope and approach for the 2018-19 tender round so that our communities can have confidence in the services provided in the years to come and we will be able to deliver on WMMP goals.

Key factors from Auckland Council Procurement strategy and policy Auckland council went through a process and developed a specific procurement strategy for Waste Management and Minimisation Implementation. This was based on the guidance Council has put together . 4



Auckland Council recognises that procurement is a long process that flows right through from 10 year plan, Annual Plan and community board agreement processes to the acquisition and delivery of goods, works and services.

Auckland Councils 6 principles 1. Work together - to achieve best value, i.e. the optimum combination of whole of life cost and fitness for purpose. Seek to deliver the best outcome for council and the community. 2. Value te Ao Maori - Support councils commitment to Maori including responsibilities under Te Tiriti o Waitangi. 3. Be sustainable – procurement practice enables active consideration of social, environmental, cultural and economic interests of the community including impacts on current and future generations. 4. Act Fairly - ethical, lawful and consider the needs of all groups in the community. Open and contestable processes, all potential suppliers have equal access. 5. Make the best use of every dollar – focus on effectiveness to identify and deliver on multiple benefits for every dollar spent. Council actively seeks innovative approaches. 4 Auckland Council Procurement Policy Auckland Council Procurement Strategy Wastebusters submission on QLDC WMMP April 2018

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6. Be Affordable - Seek best possible value for the whole of the lifecycle, does not necessitate selection of the lowest price. Encourage and maintain a sustainable and diverse marketplace to ensure a competitive market is maintained. Maintain appropriate balance between quality and short and long term costs. 7. Council teams review the procurement principles at the business case development stage, to see which principles and policy objectives should form part of the procurement process. This helps them determine specifications and relative weighting of factors included in the tender evaluation process. This specific procurement strategy is used as a basis for the briefing summaries supplied to Industry and community in the lead up to REOI and RFP processes.

Auckland Council has a strong desire to see procurement positively benefit local communities where the works, services and supplies are delivered. This local impact is concerned with positive contributions to: 1. A local communities capacity to do things for itself (skills, social capital and knowledge) and participate in decisions 2. The health, resilience and sustainability of the local economy with the multiplier effect an important consideration.

We suggest that QLDC consider its own procurement process in the light of the Auckland Council example and see whether there is anything useful that can be learned from it. We suggest that QLDC reviews its procurement policy and strategy to make sure it is aligned with current best practice.

Priorities Organics We support councils intention to focus on diverting organics from Landfill. We agree this will have a multiple benefits.

We also think it would be useful to explore options for minimising the amount of paper and cardboard that is still going to landfill. We note that initiatives in the WMMP aim to address this stream e.g. by exploring differential pricing mechanisms to shift material from waste to recovery streams. Looking at the layout of the Transfer stations and the recovery parks. Promotion and education could also support this.

Glass As council has acknowledged in the Ten Year Plan, the district's current kerbside recycling system has failed. Glass picked up for recycling in Queenstown has been going to landfill since May 2016. Ineffective recycling systems destroy resident and visitor confidence in our districts services, compromise our clean, green brand and demotivate service users. The current situation where 2,652 tonnes out of the 4,500 (est) collected ends up in the landfill is totally unacceptable. It's not

efficient or effective.

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We believe that our district can do better, and we acknowledge and support the commitment by QLDC in the Ten Year Plan to do so. Fixing the problem is not simply a matter of throwing more money at recycling. We need to look seriously at whole of life cost and make sure the systems we invest in are actually fit for purpose and will meet the needs of our communities.

Just copying the Wanaka kerbside model won't solve the problem either. Councils collection data from 2015-16 shows 200+ tonne or about 35% of Wanaka glass ending up in the commingled collection which would result in it going to landfill too. The key thing is to design the collection and processing systems to make sure the recyclable materials meet the specs of the end user of the products recovered.

Recycling glass back into bottles in our district can be done. All the glass recycled with Wastebusters from events, businesses and drop-offs in both Wanaka and Alexandra is made back into bottles at the O-I factory in Auckland. The system works because we handle glass in a way which makes it a useful material to O-I (we keep it separate to other recycling materials to reduce contamination and we sort it into green, brown and clear to suit their colouring process).

Future council contracts need to lock in effective outcomes for services so that kerbside recycling from our district can be a valuable input into a new production process instead of going to landfill. Recycling only starts at the kerbside for it to work you have to consider the effects of the system on the products right through the supply chain.

Education and community engagement We do not think Council will be able to deliver on it's WMMP goals with the current level of emphasis on reduction, education, promotion of services and community engagement. Option 6 aims to deliver the status quo for educational work. We would like to see Council find a way to increase this line item steadily over time.

There is very little likelihood of council increasing diversion or reducing waste beyond the status quo without investing in more in communicating and engaging residents and visitors in programmes and services. Investing more in reduction and behaviour change today could save us big bucks in the future.

It is easier to stomach the spending when you consider the investments businesses make in advertising and marketing to shift behaviour in favour of their products and services. 1-3% of budget just isn't going to get us where we need to be in a district with fast churn visitors who all need to know how to use the services while they're here. To succeed we need to make sure everyone who arrives in our district to live or to visit is on board and working for zero waste every day. We need to show them that waste reduction and resource recovery are what we do here to look after our place and our people.

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To change behaviour you have to win hearts and minds and that takes communication through a wide range of channels. We would like to see council commit ?at least

? 50% of any additional waste levy funding it receives to waste reduction and education initiatives.

We support the council's commitment to continuing funding of the Enviroschools, Zero Waste education in schools and Dr Compost projects (including their subsidy on composting systems), which Wastebusters deliver on behalf of council. We acknowledge that we have received funding from council through a small contract to support our delivery of these programmes since 2007 and we appreciate This contribution to our work.

These projects have successfully helped many residents to reduce their household rubbish, and contributed to environmental and waste education in our district's schools. We would like to see funding of this work at least keep pace with population growth.

We have worked on the Love Food Hate Waste Project driven by Wasteminz since it was started and we appreciate councils support of this project. We would like to see QLDC take a more proactive role in supporting Wasteminz initiatives now that there are staff resources in house to enable this. They are putting together a Reduce, Reuse, Recycle project now and it would be great to see QLDC providing cash and in kind support.

Cleanfills and farm Pits Research on waste generation across New Zealand indicates that only 21% of waste is going into class 1 landfills. 28% is recovered. 25% goes into clean fills and 9% into farm pits.

This could be a big legacy issue for QLDC in years to come. With rapid development today's farm pit or clean fill site is tomorrow's subdivision. The WMMP has an action to maintain a watching brief on cleanfills we think it would be useful to invest in getting a good understanding of where these are and what is going into them so Council can be proactive in managing them. It is very likely that more waste is going into unmanaged clean fills and farm pits than into the Victoria Flats landfill.

It would be useful for QLDC to get a handle on other significant waste streams in the district. Other regions have done comprehensive surveys and research into waste flows and farm waste. It would be useful to work with ORC and other Otago councils to do a similar project in Otago.

We think that Blue bags for rubbish should remain an option. User pays is a very good driver for waste reduction. The district has stuck with a user pays approach to rubbish for many years and we are now seeing other districts and cities coming back to this model. Blue bags are a fair way of allocating cost to people who do not make very much rubbish. We think it is fair that those who create less rubbish pay less. Part B Initiatives Useful to number initiatives so there is a shorthand way of knowing whether everyone is talking about the same thing.

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Spreadsheet containing feedback on initiatives supplied separately.

Background information about Wastebusters structure and funding:

Wanaka Wastebusters Limited is a community enterprise with charitable status. Wastebusters is owned by the members of the Friends of Wanaka Wastebusters Incorporated. Council has granted a 35 year peppercorn rental lease to Wastebusters to occupy the site adjacent to the transfer station on Ballantyne road. Wastebusters has developed the site over 18 years and owns all the improvements. Wastebusters covers all the operational costs associated with running the site from its own revenue streams. Wastebusters delivers a small Education Contract for council funded through the Waste Levy allocation which contributes to the cost of

Enviroschools, Zero Waste education in schools and Dr Compost. This is the only funding Wastebusters receives from council.

Wastebusters fully and independently funds all of the reuse or recycling services delivered to our community from the Wanaka site, which include: ? Public access to reuse shop and recycling services, 363 days a year. ? Commercial recycling collection services for 300+ businesses across the district ? Events recycling and rubbish services for large, medium and small events, including Wanaka A&P show (40,000 visitors), Warbirds over Wanaka (50,000 visitors), Rhythm and Alps (10,000 visitors) ? Recycling drop off service for residents, businesses and visitors, for household materials plus e-waste, polystyrene, shrink wrap, used engine oil, fluorescent tubes ? Reuse drop off service for donated goods, and free moving on pick up service ? 24 hour 'after hours' recycling drop off service for residents and visitors ? Workshops including upcycling and repair culture ? Sponsorship and support of community waste reduction initiatives, schools and community groups including Plastic Bag Free Wanaka

Wastebusters also operates a resource recovery centre in Alexandra delivering similar services and holds a small contract with CODC to run and collect from drop off sites at townships across the district (Ranfurly, Roxburgh, Tarras, Oturehua, Poolburn, Omakau and Patearoa).

Wastebusters is an active member of the Zero Waste Network and has been involved in a number of nationwide projects including: Unpackit good and bad packaging Awards, TV Takeback, Love Food, Hate Waste.

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# SUE COUTTS

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Attachment to Wastebusters Submission to QLDC;

Have adjusted these to align with the reduction, resource recovery, residual waste focus suggested in the Body of our submission

Reduce waste

Alongside other organisations continue to support development and implementation of national waste minimisation initiatives such as product stewardship schemes, national environmental standards, changes to the waste levy, container deposit legislation

Break this into separate items to give clear actions and reflect the importance of achieving each one

Lobby

Use councils lobbying power to support the priorities in the local government waste management manifesto new Campaign for and support the development of a revised NZ Waste strategy to create a strategic framework to give certainty and guide decision making Campaign for and support the development of an effective Container deposit scheme to reduce the costs to council of public space recycling and littering, increase recycling rates and create a revenue stream to fund recycling outside of rates revenue. Campaign for and support the extension of and a staged increase to the per tonne rate of the NZ Waste Levy to drive diversion and increase investment in reduction and diversion alternatives Campaign for and support the implementation of the National Waste Data Framework to secure better data for decision making Campaign for and support the development and implementation of mandatory product stewardship schemes for Tyres, E-Waste, Agricultural chemicals and plastics.

Continue to install drinking water fountains to encourage refill/reuse of drinking vessels and reduce single use plastic bottles Promote / make it less restrictive to build homes/ buildings from reusable or more sustainable products i. e. Earth ships, straw bale houses etc. e.g. by promoting REBRI Guidelines (Resource Efficiency in the Building and Related Industry)

Support initiatives at the local, national and regional level that will drive waste reduction e.g Wasteminz and other campaigns

Resource recovery / divert from landfill Recycling Continue with council provided recycling service for urban households

Recycling services provided for lots of rural households now not clear if this is a typo

or intention to reduce service level?

Introduce a change to glass recycling methodology to increase quality, quantity and yield and introduce consistency between wards

Enforce event waste management regulatory provisions

Organics Continue to provide organic waste drop off facility and mulching at transfer stations Continue to provide community organic waste drop off sites at Hawea, Luggate, Makarora, Glenorchy, Kingston Introduce council provided organic waste collection service for urban households Provide an organic waste processing facility Continue to promote educate and incentivise home composting Continue to provide subsidies for composting tools e.g. Bokashi buckets, worms

Residual Waste to landfill Recovery

Continue to provide a refuse transfer station that includes resource recovery facilities in Wakatipu and Wanaka Operate the transfer stations and recycling centre facilities through a contractual agreement that optimises the separation of diverted material in terms of quality and the cost of providing the service Investigate reconfiguring both the Wakatipu transfer station and Wakatipu recycling centre layouts to encourage drop off of reusable and recyclable materials before disposing of residual waste and improve throughput capacity. Why not same for wanaka?

Investigate the introduction of differential pricing tools to increase diversion at both the landfill and the transfer station facilities, either through council advertised fees or by influencing the site operator Investigate options for new recycling plant ahead of 2019 contracts In LTP but not in WMMP?

Provide Public space recycling bins alongside litter bins where practical and cost effective Provide drop off services for products covered by product stewardship programmes or with reputable supply chain e.g. Tyres, E-Waste, Agricultural chemicals and containers. To the extent that they are affordable and complement national schemes or services.

adjust this combine PS products and take out specific reference to transfer stations - better to go thru RRP/Recycling centre in some cases.

Prioritise requiring operators of facilities to recover refrigerants from all appliances going through the transfer station and Resource recovery centres

User pays mechanism for this via drop off charge. Refrigerants #1 on the Drawdown list of methods to reduce impact of HFC's on global warming

Engage and educate

Continue with existing waste education and promotional programmes for the general public, visitors, businesses and in schools e.g. Enviroschools, EERST, Dr Compost, Waste Free Parenting, "Love food, Hate waste." Continue to work with residents, businesses and community organisations so as to encourage and promote waste minimisation and optimal resource use in the district

Inform

Continue to circulate educational information to outline how to responsibly divert organic and recyclable waste and promote council, private and community services that help divert material from landfill adapt text so its more clear Continue to update the council waste website Continue to prepare a document for visitors that explains waste minimisation opportunities and consumer responsibilities Need to think about best channel for this Use additional languages to English to aid in communication and education of diversion and waste disposal options Continue to investigate and provide (if appropriate) promotional support for commercial and community waste minimisation activities and programmes e.g. Agrecovery, Plasback, E-Cycle, beach clean up events, zero waste events, Keep New Zealand beautiful litter pick ups extend list and add community initiatives

C&D

Support and enable where practicable, private or community operators in relation to the private development of a construction and demolition facility Monitor quality and quantity of construction and demolition waste at the Wakatipu transfer station and Victoria Flats landfill on an ongoing basis to gain a greater understanding of the

types and quantities of material that could be diverted

#### Waste and landfill Investigate

Review the need for a solid waste bylaw to support changes to collection services, including CBD collections, servicing MUD's, and public place waste management Investigate if a policy or bylaw is required for the management of health care waste Explore alternative disposal to land in the district - use of class 2-4 landfills (including cleanfills) to increase understanding of waste flows in the district Farm pits - explore use of farm pits to dispose of waste in the district to increase understanding of waste flows and aid decision making.

#### Collect

Continue with council provided service for CBD businesses. Investigate CBD specific methodology e.g. frequency and receptacles Continue to provide public litter bins for waste and review bin type and cleaning frequency Cleaning or collection frequency? Continue with council provided refuse collection service for urban households. Investigate methodology improvements e.g. receptacles and funding methods Lots of rural households have rubbish service too - need to clarify definition to show if this is status quo or a change

Implement enhancements to biosolids enduse e.g. co-composting, solar drying, incineration, monofill, direct land application Provide facilities at transfer stations for domestic quantities of hazardous waste including batteries and oil do they take batteries and oil now?

#### Transfer stations

Consent, design and construction of improvements and extensions to the Glenda Drive and Ballantyne road transfer stations In LTP not in WMMP

#### Monitor

Continue to check and maintain resource consent compliance at all waste handling facilities and closed landfills for which the council holds resource Consents Continue to monitor the capacity of available landfill and search for alternative disposal options should the capacity decrease below safe future proof level Landfill Continue with the waste disposal services provided at Victoria Flats landfill Gas capture facility? to reduce GHG Consent, design and construct a gas capture and disposal facility at Victoria Flats Landfill In LTP but not in the WMMP

# SUE NYHOF

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

We should be encouraging less of everything going to landfill!

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I already compost & use our local greenwaste



Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Wakitipu should be recycling ALL glass & should've been for the last 18 months

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Waste minimisation is ALL about education

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes definitely

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

QLDC needs to do a lot more in waste minimisation than it is at the moment

# SUE PATTERSON

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Email received 29/03/2018

Hi Sophie

I have included the zerowaste email in this reply. The APBA wishes to submit the following based on the Shaping our Future Arrowtown recommendations which our board has recently adopted.

In the report attached we identified under the heading Environment the following:

P13 Our ambition is "Waste – Arrowtown is known for being sustainable – zero waste, walkable and green"

P14 This will be achieved by providing "waste and recyclable bins throughout the town, community compost system established, green waste recycling dominates with an active zero waste policy"

Presently we identified that there is a "Lack of convenient recycling options, lack of education and knowledge by local community and visitors". We also identified that Education needs to be provided to avoid "Potential resistance to zero waste policy by locals, commercial businesses and uneducated tourists. Lack of infrastructure e.g. bins."

Please consider this to be our submission.

Regards

Sue

Arrowtown Promotion and Business Association

[Redacted signature block]

[www.arrowtown.com](http://www.arrowtown.com)

# SURE GLOBAL

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

## Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Submission from Solutions Using Renewable Energy (SURE) Global  
Waste Management  
QLDC Ten Year Plan 2018-2028

This submission is on behalf of SURE Global ([www.sure.com.ph](http://www.sure.com.ph) and <https://www.facebook.com/sureincph/>) by Mawhinney & Co.

We have been approached by SURE Global to help investigate the feasibility of developing a "Wasteto-Worth" project in Queenstown. Waste-to-worth technologies are consistent with the Council's vision expressed in its Waste Management and Minimisation Plan (WMMP).

SURE Global's origins go back to 2004, when SURE, Inc was founded in the Philippines. The company has since expanded its activities in the Middle East, Africa, India, Europe, and the US. Its passion originates from a shared vision among its founders who have spent significant portions of their professional careers in the environment and energy sectors.

SURE Global aims to develop projects converting waste to worth. The company's capabilities include project development, technology selection, engineering, construction, operation, and maintenance. The company operates on a build-own-operate-transfer (BOOT) model including project conceptualization, design, integration, operation and maintenance (O&M), and transfer. SURE Global establishes special purpose companies (SPCs) where the SURE Group retains ownership. Each SPC serves as the project development company that manages project implementation, including financing, construction, and O&M of the facilities. The attached PowerPoint presentation prepared by Dr Vikram Pattarkine gives an overview of SURE Global's activities.

Our submission is as follows:

1. The draft Ten Year Plan anticipates funding for several projects in the near future including the Recycling Centre plant upgrade; Transfer Station upgrades in Wanaka and Wakatipu, and a Gas Capture facility at Victoria Flats landfill site. SURE Global seeks an opportunity to meet with the Council so that their advice regarding the possibility of converting waste to worth can be considered before capital expenditure is incurred. 2. The Council's Waste Management and Minimisation Plan identifies the Council's vision, goals, objectives, targets, and methods for achieving effective and efficient waste management and minimisation. The options considered for managing solid waste, however, do not include consideration of waste-to-worth technologies. SURE Global seeks an opportunity to meet with the Council so that their advice in this area can be considered.

In the event that Dr Vikram Pattarkine (or a representative of SURE Global) can be present at the Council for hearings on 15 May he will do so. If that is not possible Mawhinney & Co will be pleased to arrange an opportunity for dialogue between SURE Global and the Council.

# SUSANNE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Hawea

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

i do my own composting and bring green waste to Hawea

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

it's a crime that any glass should go into landfill

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Scrap metal / whiteware

Q. Are there any services not currently offered at transfer stations that you would like to see?

used oil  
battery recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

thankfully we have Wastebusters!!

# SUSTAINABLE GLENORCHY

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Waste Management - Sustainable Glenorchy

We request council introduce a three bin waste management system as provided by many South Island Local Authorities. The zero waste ideal put forward at the time of the last long term plan is no closer to happening now as when it was proposed around 2008.

Having a three bin system does not necessarily mean it will encourage more waste but will channel waste currently going to the landfill to alternate use. If it is still desirable to separate glass from other recyclables (as is the current practise in Wanaka), two recycling bins can be deployed or the current black bins can be used for glass and a wheelie bin provided for other recyclables. It may be possible to introduce fortnightly cycles for collection of recyclables refuse and garden waste. We will be making a more detailed submission to the waste minimisation and management plan.



# SUSTAINABLE QUEENSTOWN

Q. I'm giving feedback as an:

Organisation

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

30/04/2018

Submission to QLDC re: WMMP from Esther Whitehead, on behalf of Sustainable Queenstown Charitable Trust

SQCT is thrilled that QLDC has fulfilled requests we made about waste management and minimization over the last couple of years; particularly SQCT's request for greater transparency over practices around waste, as well as employing a Waste Minimisation Planner. Please understand that SQCT is here to support both our community and our council, we see great alignment with QLDC's vision and SQCT's vision. SQCT is supportive of the priorities focused on glass and organic waste.

Please note that the three key projects SQCT is focusing on for 2018/19 are:

1. Sustainable Tourism Research Project in conjunction with QLDC and SBN. The scope of this project is to work with the local business sector to establish opportunities and challenges for operating more environmentally sustainably through consultancy, collaboration and education. The mechanism in which to do this is The Kiwi Pledge being launched by AirNZ and THL.
2. Event Waste Avoidance and Minimisation, in collaboration with Luma, Winterfest and QLDC. This framework and delivery model allows massive reduction and avoidance of waste to landfill since QLD has so many big events that have to date, created massive waste streams.
3. Food Surplus Re-distribution in collaboration with Kiwi Harvest, Rehab and a number of local food operators, supermarkets and Charitable Agencies such as Happiness House and Salvation Army. Organic Food waste is a huge issue, currently commercial food waste is not being addressed in our district.

SQCT's 'business as usual' is working with our community, offering educational

workshops, events and forums on reducing waste, and learning about environmental issues such as Climate Change, Plastic Pollution, and a Carbon Dependent Economy whilst providing solutions at an individual level, and business level through a community led approach.

It is clear that SQCT is already advocating for much the same as QLDC, and that we have a solid and trusted voice in our community and district. We work with other experts, scientists, and community groups to engage and educate our community on conservation, waste minimization/management, economy and public health.

SQCT had a meeting with Sophie Mander and Deborah Lind on 3rd April 2018, this meeting proved to be useful for understanding some of the more complex issues faced by QLDC and the reasons for QLDC's emphasis on the prioritisation of Glass and Organics.

SQCT suggests three key priorities lacking in the current draft WMMP which should be positively acknowledged and addressed with some realistic outcomes mapped over time:

1. Education and Learning Opportunities need more emphasis and a greater budget from QLDC over the LTP. The current \$90K is unable to create real educational value to our community, and the status quo is inefficient and only reaching the few.
2. Collaboration: Creation of an advisory group, made up of QLDC and ORC, Community Groups, a variety of industry and businesses with an interest in managing waste. QLDC facilitates the group's meetings, which are held four times a year. The purpose is to support collaborative means to reduce and manage waste through a possible contestable fund (Construction waste is an example -which is massive but QLDC is unable to manage alone).
3. Procurement: The Waste Minimisation Planner to work more closely with the QLDC Contracts Manager around procurement of contracts for 2019 and beyond, which address the failure we have seen in previous contracts to incentivize good practice by Waste Service Providers. Governance of these contracts should be clear in the WMMP -further investigating demand and cost effectiveness of services and options.

Some general notes and questions:

SQCT does not agree with QLDC's sentiment that our community is especially interested in glass recycling over and above other waste streams. Rather SQCT sees this interest as a reflection of a community being educated on what is happening with our current waste streams. SQCT speculates that if our community were aware of many other practices around waste, then, they would be equally interested. Our community has changed from a decade ago, it seeks greater transparency and communications from QLDC.

The draft WMMP makes no mention of 'Circular Economy' in any of the language/rhetoric, this needs to be part of an Educational Policy- where community and business understand that what we each put in our bins can be a valuable commodity. Little serious thought has gone into closing these resource loops. Support must be provided to help industry with 'better' supply chains, this can only begin to be addressed when it is understood. We will also need more clever technology to separate materials quickly and efficiently for recycling.

Retailer Responsibility: Responsibility for consumer-related waste/recycling shouldn't fall entirely on consumer shoulders (or indirectly on the ratepayer, i.e. end consumer. Retailers that sell products/food with a shortterm packaging (post- consumer packaging), could pay a fee representative of their sales. Example: Public Bins and

our beaches are full of Fergburger, Patagonia, etc, the responsibility for their 'externalities' can be put back with them through greater product stewardship through Education.

Possible levy on visitors to QLD. A visitor levy has been discussed by the QLDC in terms of bed tax. The levy could incorporate a component which supports the collection of waste produced by our visitors as well as a budget to REDUCE waste produced by visitors.

SQCT is shocked by the assumption QLDC makes around a decrease in construction waste; "the construction sector may slow down whereas organics will continue to grow" This assumption is ridiculous when all evidence is projecting growth in the district. If it can't be a priority now, it must be addressed as an ongoing priority now, which QLDC will make a positive statement on realistic outcomes rather than merely 'council would support' the business and community sector.

Procurement: In New Zealand a waste management service contract is usually an adapted version of a civil engineering contract, this raises a number of questions:

Why are many City Councils still relying on a contract form that is not designed for our industry, when it is becoming less and less relevant and requires so much adaptation to be used?

What does a waste management service contract look like for 2019?

Is the way the sector has become used to procuring services in the QLD necessarily resulting in the best outcome, SQCT would like to know more about procurement and existing contracts and motivations/incentives.

Alternative Procurement Processes:

Public procurement processes in the UK are extremely tightly controlled by the Government and by European Union Rules. The four methods available for waste management contracts are open, restricted, negotiated, and competitive dialogue procedures. SQCT would like to see some of the management processes of Waste Contracts presented in the WMMP. Much of our past to present bad practice has been due to poor contractual arrangements, therefore all good practice spent on community education is lost if service providers are unable to fulfill community desires. The community can no longer feel duped.

Thanks for taking the time to read our submission.

Regards,

Esther Whitehead  
On behalf of Sustainable Queenstown

[Redacted signature block]

# TERRY GAZE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

May not have capacity for all waste to be composted

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

Also - what is the medium to long term plan for Victoria Flats. This needs to be explained clearly in the Waste Management plan

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Hi - good to be able to provide feedback.

There needs to be a clear picture given of the future plans for Victoria Flats landfill. How long, where next, what options considered need to be outlined in the waste management plan

# TIM CECI

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I do agree with them but we cannot afford the environmental impact of not prioritising commercial waste and Construction Waste.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

i'd prefer community collection of organics if it were focused on high density housing where it's difficult for people to compost their own waste.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Yes, it would be great to look at supply chains and see how we can do deposit schemes. Also happy to support glass not going to landfill. I'd like to see more efficiency in how we are recycling plastics. Currently I suspect a large amount goes to landfill.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Definitely, we only have dr compost. Lots of people don't know which things can be recycled and that they need to wash it. Also people would get more involved if education was better. For example as part of workplace training.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Battery collection.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, we need to look at repurposing material. Especially construction waste.

**Q. Final thoughts** Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Yes, we need to have more communication from QLDC about everything, about tonnage to landfill, about goals etc. These comms need to be frequent so that the community is taken on the journey with the council.



# TIM

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Its a narrow focus when there is so much more that can be done. Its disappointing that in 2018 we are still only at this point. Come on leaders, get real and fully consider the whole waste stream. I believe Wanaka Wastebusters can provide guidance on how this can successfully work.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

### Q. Please explain your above answer:

Collecting and disposal from kerbside is adding costs to Council, transport and really there is no reason people cannot compost onsite. This sort of service would be suitable for high density living where there is no outside garden space for composting.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Please explain your above answer:

Yes. Its a no brainer.

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

A number of issues are identified in the WMP including a lack of proper sorting, cleaning etc, so education is essential.

### Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Rubbish

### Q. Are there any services not currently offered at transfer stations that you would like to see?

The recycling offered is very, hand off shall we say. It should be hand on, that is, workers there directing people to unload recyclables rather than it mostly ending up in the rubbish pile. Poor effort by the transfer station.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

That's like the Wanaka Wastebusters approach. Clearly this works in Wanaka so could work in Wakatipu. If that meant in competition to Wanaka wastebusters, I believe that would be very much against the communities wishes.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Our leaders need to get their heads out of the 1990's and embrace the fact the world has changed and the fact QLDC does not do a very good job at recycling is a very disappointing aspect of the Council's performance.

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I was very surprised to hear that our glass, that we carefully wash and put in our bins to be recycled is not then actually recycled. So yes i very much agree

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We deal with our own food waste but garden waste would be fabulous, there is an awful lot of it.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

If this means separating our glass that is fine, it would be good to be given bins that support this.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

I feel that as a country we do not do nearly enough to deserve our clean green image, we should be making it a priority, people are uneducated, we need to be informed and enabled.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes. We are so wasteful, it would be great to see less being thrown out.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

More public recycling bins around would be great.

# WILL

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

**Q. Please explain your above answer:**

I feel that it's ridiculous that we have a recycling bin/collection every week however all of the glass ends up going to landfill! This is ludicrous but it doesn't surprise me at all, as QLDC pull this sort of thing all the time. This district is slowly falling apart because of the greed of the council.

**Q. Would you like to see more information and education about recycling and waste minimisation?**

Yes

**Q. If you don't use the transfer stations please let us know why:**

I don't have any of that waste.

# ZARA KINGSBURY HALE

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Given the current and on-going tourism and related construction booms, I don't think just focusing on recycling glass and organics goes far enough, although each of those is very important and it's great that improvements to these areas are being worked on. The building industry produces high volumes of waste and is renowned for a culture of not often voluntarily putting a focus on how to be economical with it, dispose of it or even use "greener" materials in the first place. Building codes are routinely treated as a maximum, not minimum standard. I do not trust that this is an industry that will voluntarily and enthusiastically reduce it's own waste without being assisted and regulated. It has a lot of resources in the area and is benefiting greatly from the current boom. Why should this industry be let off the hook? I also do not agree that the building boom will necessarily die down in the short to medium term. Queenstown is a very particular and unique sub-economy within New Zealand and the building boom is linked to our tourism sector, which does not show any signs of abating on it's growth. If nothing is done quickly to target this sector during this on-going boom then the amount of waste continuing to go straight to landfill from this sector will be immense and very significant in relation to the amounts from households.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No



Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Possibly (not an option available to tick). We already take our home food scraps to the Harvest Gardens, where we have an allotment, However, this can be tricky to get around to regularly and a regular home collection service would be very useful. I also support it being put in place as the majority of people do not have the same access to home composting in an easy way that we do.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I currently separate glass and take it to the bottle bins at 5 mile so it can be recycled. It would be much more convenient to be able to confidently put it into the recycling bin again for home collection. I also support it as I am very aware that most people are either unaware of the bottle bins and / or cannot be bothered to make the extra effort to do this.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

It never ceases to amaze me how many people are completely unaware of the existing recycling and waste minimisation opportunities around the district. It is often difficult to approach those you do not know, do not know well (or even know well sometimes) to personally inform without feeling preachy and judgemental. Therefore the more "official" information there is out there that flags up this information the better. Also I think presentations from people such as Kate Meads who deliver information in a friendly and approachable way (and give away "free" positive stuff) should be continued and supported. I have benefitted from the subsidised cloth nappy trial packs in the past.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Other [please explain]

Q. If you don't use the transfer stations please let us know why:

Other stuff is either covered by curb-side delivery, reused or is currently disposed of by my husband through skips etc. at his work.

Q. Are there any services not currently offered at transfer stations that you would like to see?

More re-use / diversion services.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes, absolutely!

Q. Please explain your above selection of 'other':

Salvation Army Shop (diverting goods that would otherwise be waste, circular economy etc.)

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

This is a very important issue, not just for our district, but for our country and our planet. Please, if possible and resources can be found to do so, do more rather than less and hold commerce to account as well as, if not more than householders. Not because we have any less responsibility, but because it can potentially have a greater impact.

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

Really keen to see organics coming out of the landfill to reduce our methane production.

Would like to see more education on what can be recycled (and in what state). Sending to rate payers isn't enough as rentals are high in this area and property dwellers change frequently.

There needs to be clear information on what happens to most things in the recycling bin so that people know its not going to dealt with for them if it shouldn't be put in there.

In Dunedin they had a strike system where your bin was checked at the pick up time and refused pick up if not compliant. You were also given a red tag and your address marked so that if you continued to repeat offend your free recycling bin was no longer collected and you had to pay for landfill waste disposal.

Adverts on TV similar to the drink driving campaigns that clearly stated what you can recycle and in what state it must be would be extremely beneficial across the country.

In my experience most people want to recycle correctly but will never go to the effort of finding out how.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I compost at home.

I would like to see it as an option for others though.

I would need to know exactly what was happening to the green waste and what controls were in place to prevent contamination of the composting system by bones etc.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

I would also like to see glass recycling actually being conducted in the south island as I'm aware currently there is no glass recycling facility and we just bury it until we can do something with it.

A more important issue than sorting glass underground correctly would be getting out plastic recycling right and ensuring that there are actually facilities locally to recycle this not just sort it.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

No-one knows what we can recycle and in what condition. The current level of education is allowing excessive amounts of recyclable waste to go to landfill.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Polystyrene.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

I think waste busters Wanaka does a good job at this. The Queenstown recycle center is disgusting, cant even handle the smell to look around and its full of junk.

Q. Please explain your above selection of 'other':

Household recyclables like clothes, furniture, appliances that are in good working order.

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

More education. Even signs on recycling bins stating only clean and dry items can be put in, no food contaminated waste.

# ANONYMOUS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

And others. I.e: plastics. There is so much plastic going on in this Queenstown, let alone in the world.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

No

### Q. Please explain your above answer:

If residence accidentally put small piece of plastic or glass without notice... it won't be good.

### Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

### Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

### Q. Please explain your above answer:

Should include in all classes, even teachers and etc. I've seen people throw everything in the bin... we live in nz, it should stay GREEN. Check how Canada or other countries do their recycling...

### Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I've known a Canadian friend of mine told me that in Canada, when the recycling bin collect their recycling and found out ( if there's any rubbish in the recycling bin or doing it wrongly), they will get fine. I guess everyone has to get educated, if not they get fine. So people knows that this is serious matter.

# ANONYMOUS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. If you don't use the transfer stations please let us know why:

High expense level and hours of operation don't always meet my needs

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes!

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

I would really like to see Queenstown become a waste free town

# ANONYMOUS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Have been living in Queenstown area for 2 years after moving from Auckland, it constantly surprises me how it is not the norm here. It was very much the norm in Auckland, at home and in the workplace and you didn't think twice about it. Here I find people are quite 'old school' and don't bother trying. Maybe education will aid a mind and behaviour shift, as well as making it easy to do so people don't put it in the too hard basket.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Other [please explain]

Q. Please explain your above selection of 'other':

Broken homewares, furniture etc

Q. Final thoughts Do you have any other comments or suggestions with regard to waste minimisation and management across the district?

Another Waste collection service I have experienced that was popular (although privately run not council) was green waste collection. I am not sure if this is currently available in a Queenstown? We paid for a bin or bag that you could fill with garden waste including grass clippings which was collected monthly. I believe it was collected and used for commercial compost operations. Was useful if you didn't have trailer to go to dump, or garden had too much waste for standard domestic composting.

# ANONYMOUS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

Great solution, more accessible especially those with shared homes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

Not working now. More needs to be done!

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes

# ANONYMOUS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Wanaka/Upper Clutha area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Please explain your above answer:

We generate food waste daily but as we live in a suburb with only minimal land available around the house we can't really dispose of compost in a garden. Having it collected by the council instead, hopefully to be put to good use in public parks, gardens and reserves would be great.

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Please explain your above answer:

It's essential that we recycle as much material as possible. Recycling glass is a basics and long overdue.

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Too many people are still ignorant or indifferent to the need to reduce, reuse and recycle.

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes - as explained above, Wastebusters is doing great work in this respect. The community can only benefit from more facilities like this. Greatly helps us to reduce and reuse, not just recycle.

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Other [please explain]

Q. Please explain your above selection of 'other':

Our rubbish and recycling is collected at the kerb, but we do regularly go to Wastebusters to give away items we no longer need but that someone else would be able to use. This is a fantastic facility as it avoids having to throw away items "by default" when they become surplus to requirements.

# ANONYMOUS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes



Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

# ANONYMOUS

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Arrowtown

Q. Are kerbside collection services available in your area?

Yes

Q. Please provide any further comment here:

I recycle my glass to the local bin at the 4Square, and organics into my compost heap, which lots of people could do if they had cared more. Green waste at the dump should be free to encourage this (cant understand why it isnt). The real focus is the materials that are taken to the dump that could be recycled, and the impact of visitors on our landfill. The amount of stuff that's put into landfill by commercial building companies, and hotels/accomodation providers which make VERY little effort to encourage guests to recycle. As a regular user of the dump, I am amazed at the lack of effort to recycle or minimise waste going to landfill by both the users, and the staff at the transfer station. Due to the contracting out of rubbish services to Allwaste (Trojan etc) there is NO incentive to minimise waste, and I would guess that its in their best interests to have as much waste as possible if they are paid on volumes moved.

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

No

Q. Are you aware of this subsidy?

Yes

Q. Would you use a kerbside collection service for garden and food waste if available?

No

Q. Please explain your above answer:

I have a large composting area that I use

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Recycled building materials which can be purchased

Free greenwaste drop off

Polystyrene recycling

Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

YES!!!! Especially building materials which must be a huge % of the local waste due to the building boom in the region.

# ANONYMOUS

Q. I'm giving feedback as an:

Individual

Q. I understand that all submissions will be treated as public information. Your name and comments may be publicly available, however we will not disclose your contact details.

I understand

Q. Where do you live?

Queenstown/Wakatipu area

Q. Are kerbside collection services available in your area?

No

Q. Please provide any further comment here:

A lot more recycling can be done including tretrapak - what about a ban on plastic bags and encourage less packaging?

Q. Would you use collection services if they were available to you?

Yes

Q. Do you agree with QLDC's preferred focus on recycling glass and organics?

Yes

Q. Are you aware of this subsidy?

No

Q. Would you use a kerbside collection service for garden and food waste if available?

Yes

Q. Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?

Yes

Q. Would you like to see more information and education about recycling and waste minimisation?

Yes

Q. Please explain your above answer:

Especially for businesses

Q. Do you use the QLDC transfer stations for any of the following services? (Tick those that apply):

Recycling

Q. Are there any services not currently offered at transfer stations that you would like to see?

Battery recycling station which should be compulsory for all individual and businesses.

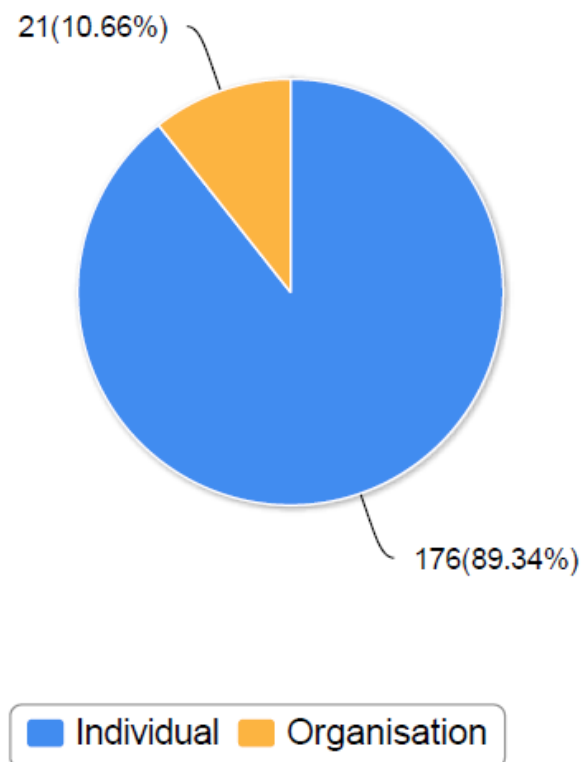
Q. Would you like to see greater opportunity at the QLDC transfer station facilities where goods and materials are repurposed or sold instead of going to landfill? (eg whiteware, furniture, clothes, household items etc)

Yes in conjunction with Salvation Army maybe?

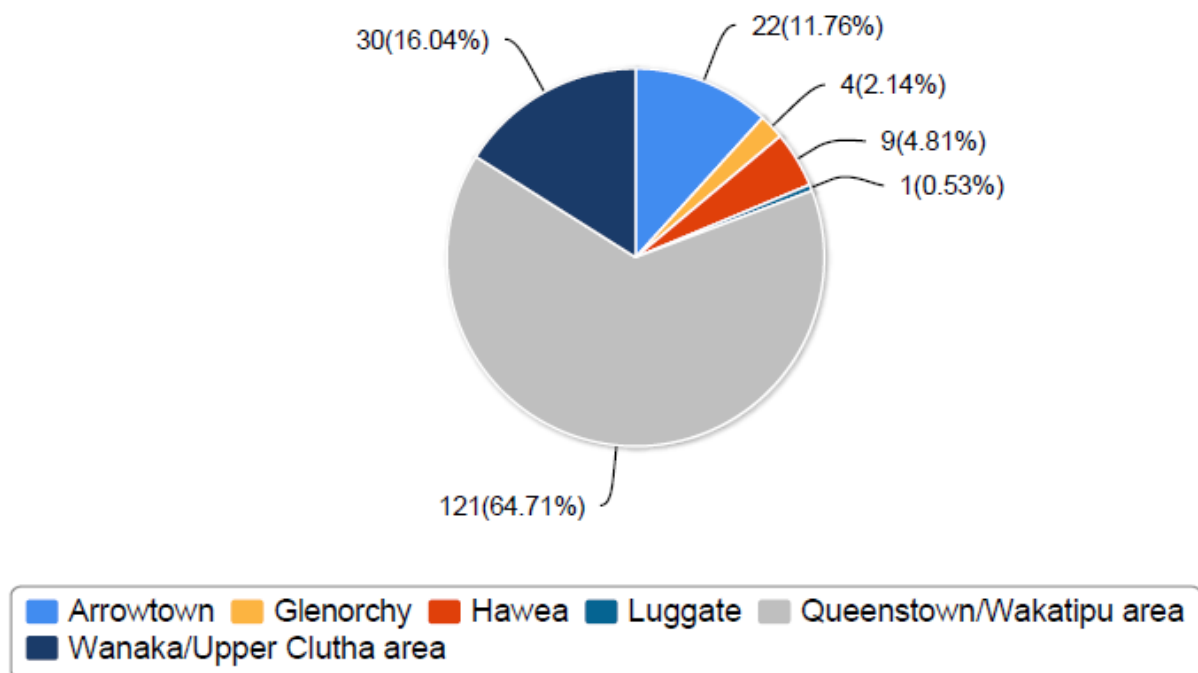
Q. Please explain your above selection of 'other':

E- waste

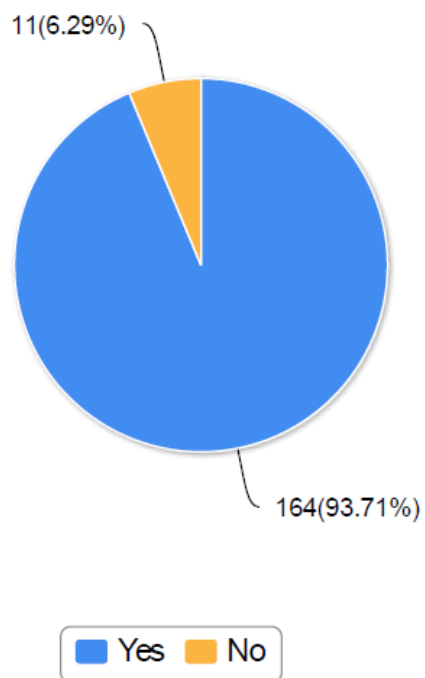
I'm giving feedback as an:



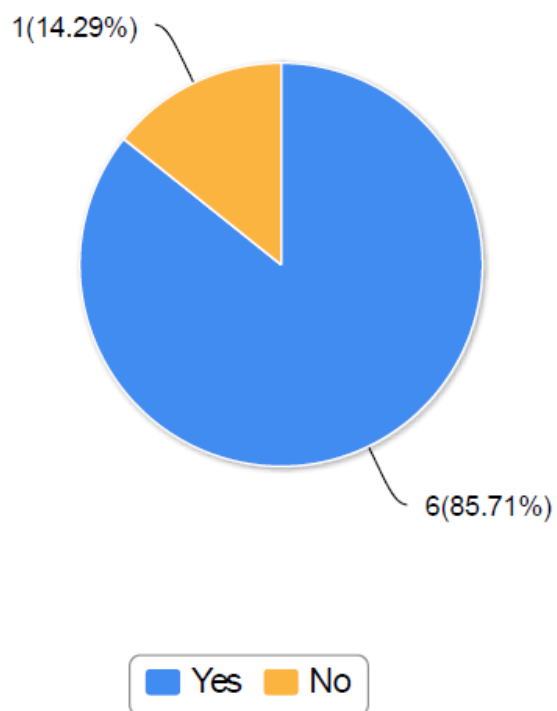
Where do you live?



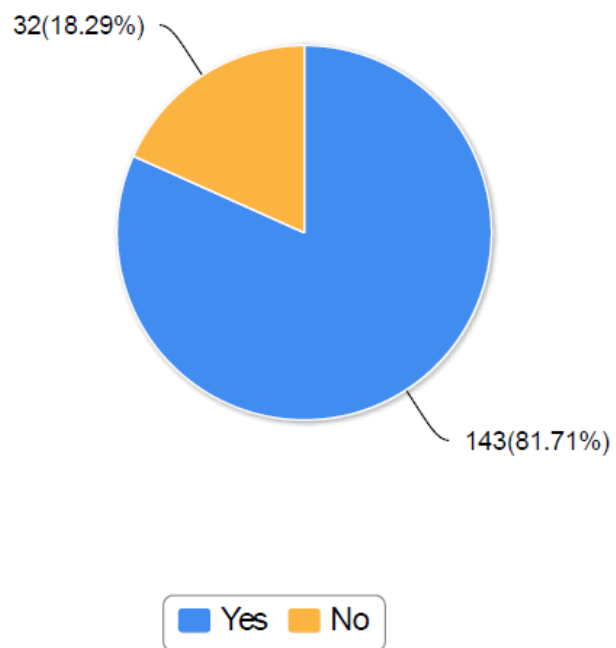
**Are kerbside collection services available in your area?**



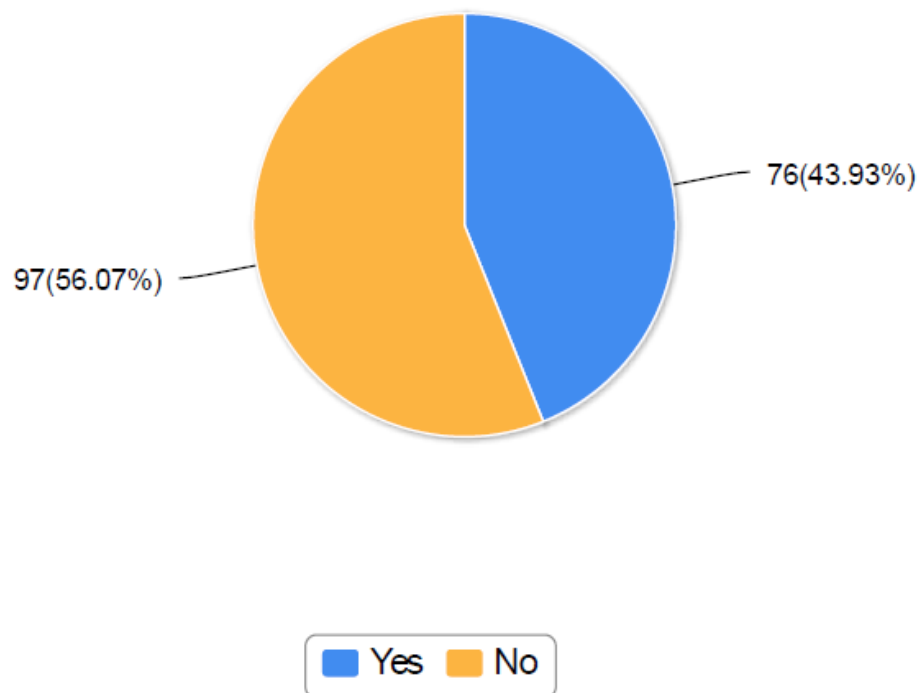
**Would you use collection services if they were available to you?**



**Do you agree with QLDC's preferred focus on recycling glass and and organics?**

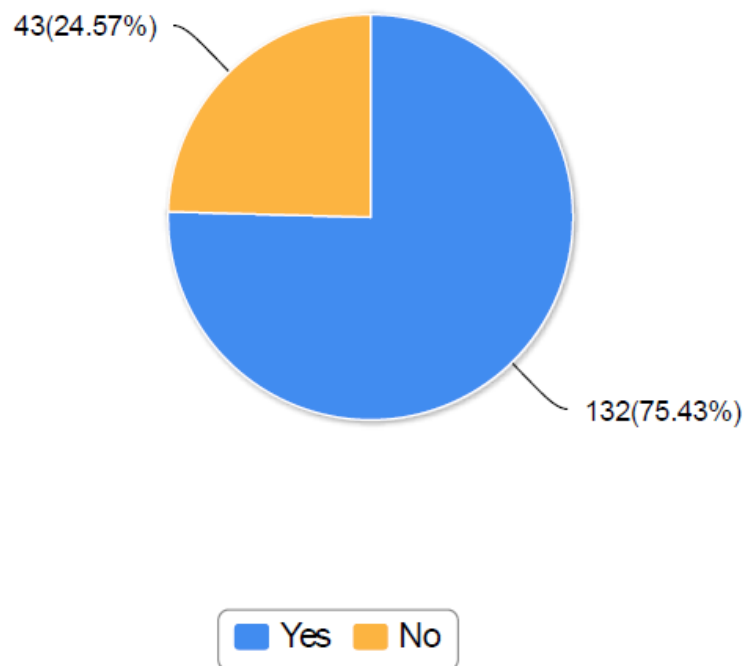


**Are you aware of the home composting subsidy?**

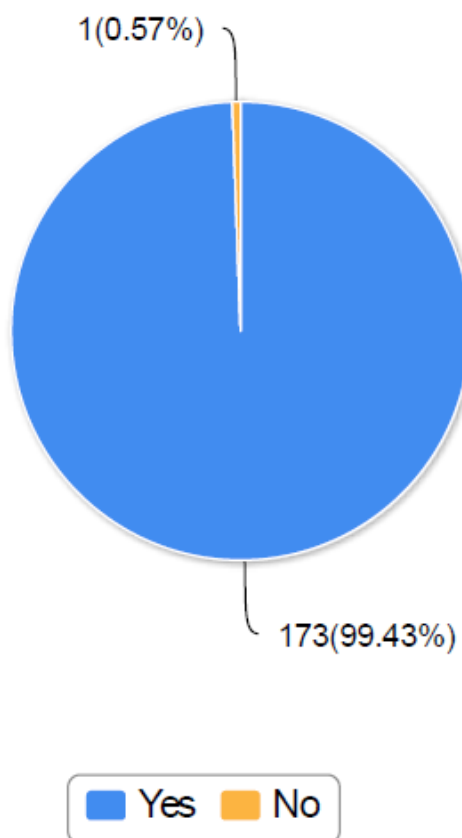




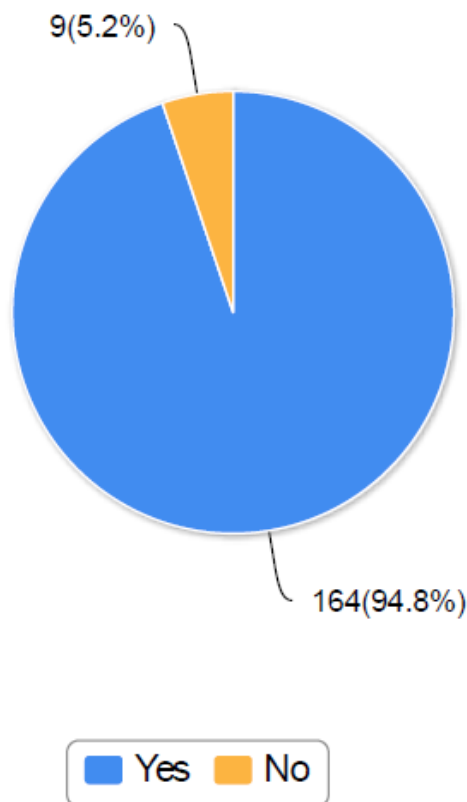
Would you use a kerbside collection service for garden and food waste if available?



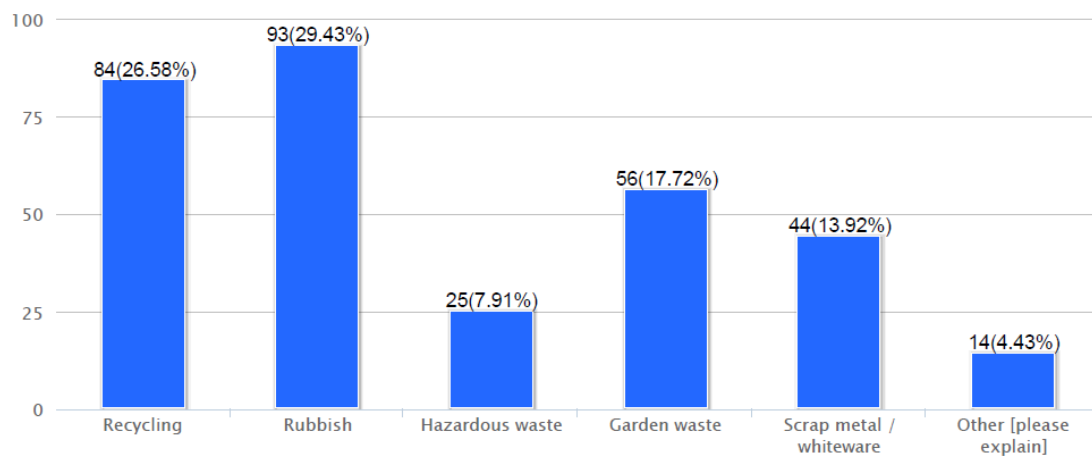
Do you support a change of approach to glass collection in the Wakatipu ward to ensure more glass can be recycled?



**Would you like to see more information and education about recycling and waste minimisation?**



**Do you use the QLDC transfer stations for any of the following services? *(Tick those that apply):***



## **Draft Waste Minimisation and Management Plan 2018 - Submission Summary**

The draft Waste Minimisation and Management Plan 2018 was publically consulted during 23 March – 30 April 2018 alongside supporting information including the QLDC Waste Assessment and Solid Waste Analysis.

### **Submissions and Online Survey**

An online survey and feedback form was used to support the submission process. 199 completed submissions were received. The online survey was largely supportive of Councils preferred programme proposed in the draft WMMP. Including;

- 82% of respondents agree with QLDC's preferred focus on recycling and glass services
- 75% of respondents would use a kerbside collection service for garden and food waste
- 99% of respondents support a change of approach to glass collection in the district
- 95% of respondents would like to see more information and education about waste minimisation

To help consider the feedback as discussed in the submissions, the draft WMMP 'Action Plan' has been inserted below. It has been updated to include the level of support identified in the submissions and includes officer comments.

Actions identified in the submissions that are not covered in the draft plan include; establish a community contestable fund for waste minimisation initiatives, establish an advisory group of local government, industry, business and community to support waste minimisation initiatives, provide regulatory tools to minimise single-use plastics and provide recycling opportunities for soft plastics, polystyrene and textiles.

Submission feedback also includes suggestions to; measure progress, improve reporting mechanisms, more clearly identify funding and encourage greater community engagement in progress of the plan. Suggestions include framing the actions in a way that supports the waste hierarchy and encourages community engagement. This has been used in the covering report to help review the submission feedback;

1. Waste Reduction – Reducing waste at source
2. Resource Recovery – Diverting waste from landfill
3. Waste Disposal – Collecting, transporting and disposing of waste in landfill. Reducing harm from waste disposal

## Draft Waste Minimisation and Management Action Plan – Submission Comments on Actions

Objective	Draft WMMP action	Level of support	Officer comment
1. Provide opportunities to minimise waste through reduction, reuse, recycling and recovery (in priority order)	Operate the transfer station and recycling centre facilities through a contractual agreement that optimises the separation of diverted material in terms of quality and the cost of providing the service	Implied high level of support	No changes required to proposed plan
	Continue with council-provided recycling collection service for urban households	High level of support	No changes required to proposed plan
	Implement a change to glass recycling methodology to increase quality, quantity and yield and introduce consistency between wards	High level of support	No changes required to proposed plan  A medium level of support is also indicated for installation of more bottle banks similar to those recently installed in the Wakatipu.
	Enforce existing event waste management regulatory provisions	Medium level of support	No changes required to proposed plan
	Continue to provide organic waste drop-off facility and mulching at transfer stations	High level of support	No changes required to proposed plan
	Introduce council provided organic waste collection service for urban households	High level of support	No changes required to proposed plan
	Provide an organic waste processing facility	Implied high level of support	No changes required to proposed plan

Objective	Draft WMMP action	Level of support	Officer comment
	Continue to provide a refuse transfer station that includes resource recovery facilities in Wakatipu and Wanaka	High level of support	<p>The submissions support integrated facilities where resource recovery is co-located with rubbish disposal and recycling facilities to maximise the diversion of waste from landfill.</p> <p>NB. QLDC does not provide the resource recovery facility in Wanaka. This service is provided by the community organisation Wastebusters. Wastebusters is supported in its work by the long term lease to operate on Council land. Consideration should be given to ensure similar levels of service, support and access to resource recovery and recycling facilities across the Wards.</p>
	Investigate reconfiguring both the Wakatipu transfer station and Wakatipu recycling centre layouts to encourage drop-off of reusable and recyclable materials before disposing of residual waste and improve throughput capacity	Medium level of support	No changes to proposed plan
	Provide public recycling bins alongside litter bins where practical and cost effective	Medium level of support to increase	No changes to proposed plan
	Continue to install drinking water foundations to encourage refill/reuse of drinking vessels and reduce plastic bottle waste	High level of support to reduce plastic bottle/single use container waste	No changes to proposed plan

Objective	Draft WMMP action	Level of support	Officer comment
	Promote / make it less restrictive to build homes / buildings from reusable or more sustainable products i.e. earth ships, straw bales houses etc., e.g. by promoting REBRI (Resource Efficiency in the Building and Related Industry) Guidelines	No comment in submissions	No changes to proposed plan.  Comments in the submissions relate solely to Council support for construction and demolition waste recovery.
2. Educate and support generators (resident, visitor and business) about options and responsibilities	Continue to circulate educational information to promote Council waste services and how to responsibly dispose of organic and recyclable waste, including using private waste collection services	High level of support	The submissions support an increased level of support provided for community outreach and promotion of educational material.
	Continue to update the Council waste website	Implied high level of support	No changes to proposed plan.
	Continue to prepare a document for visitors that explains waste minimisation opportunities and consumer responsibilities	High level of support	A high level of comments suggest that visitors and the district's transient resident population are not currently supported with effective communication of the facilities and services to minimise waste.
	Use additional languages to English to aid in communication and education of waste disposal and management	Implied high level of support	No changes to proposed plan.
	Continue to investigate and provide (if appropriate) promotional support for commercial waste minimisation e.g. Agrecovery, Plasback, zero waste events, beach clean events	High level of support	No changes to proposed plan.

Objective	Draft WMMP action	Level of support	Officer comment
	Continue with existing waste education and promotional programmes for the general public, visitors, businesses, and in schools e.g. EnviroSchools, EERST, Dr Compost, Waste Free Parenting, “Love Food Hate Waste”	High level of support	<p>The submissions support an increase in support provided for community outreach, learning opportunities and waste minimisation programmes.</p> <p>The submissions support the EnviroSchools programme being provided in High Schools and Early Childhood Centres where requested.</p>
	Continue to promote, educate and incentivise home composting	Medium level of support	No changes to proposed plan.
	Continue to provide subsidies for composting tools e.g. Bokashi buckets, worms	Medium level of support	No changes to proposed plan.
	Support and enable, where practicable, private operators in relation to the private development of a construction and demolition facility	High level of support	The submissions support an increased focus on minimising construction and demolition wastes from landfill.
	Alongside other organisations, continue to support development and implementation of national waste minimisation initiatives such as product stewardship schemes, national environmental standards, changes to the Waste Levy and container deposit legislation.	High level of support	No changes to proposed plan
	Continue to work with residents, businesses and community organisations in the District so as to encourage and promote waste minimisation and optimal resource use in the District	High level of support	The submissions support an increased level of collaboration with residents, businesses and community organisations to promote waste minimisation programme.

Objective	Draft WMMP action	Level of support	Officer comment
3. Avoid or mitigate any adverse effects on public health or on the environment	Implement enhancements to biosolids end-use e.g. co-composting, solar drying, incineration, monofill, direct land application	Minimal reference to biosolids solutions in submission feedback	No changes to proposed plan.
	Monitor quality and quantity of construction and demolition waste at the Wakatipu transfer station and Victoria Flats landfill on an ongoing basis to gain a greater understanding of the types and quantities of material that could be diverted	No mention of monitoring materials in the submissions	Comments in submissions support greater focus on construction wastes to ensure diversion from landfill.
	Continue to check and maintain resource consent compliance at all waste handling facilities and closed landfills for which Council holds resource consents	No mention of environmental monitoring in submissions	No changes to proposed plan
	Continue to monitor the capacity of available landfill and search for alternative disposal options should the capacity decrease below a safe future-proof level	Low level of comments	No changes to proposed plan. Concern noted in submissions that maintaining landfill capacity for future generations is important.
	Provide facilities at Council transfer stations for domestic quantities of hazardous waste, including batteries and oil	High level of support	Submissions support solutions to recycle, treat and/or safely dispose of hazardous materials including; batteries, tyres, ewaste and other common household hazardous wastes.
	Provide drop-off facilities at the Council transfer stations for agrichemicals to an extent that they are affordable and complement national schemes or services	Medium level of support	No changes to proposed plan



Objective	Draft WMMP action	Level of support	Officer comment
	Provide drop-off facilities at the Council transfer stations for e-waste to an extent that they are affordable and complement national schemes or services	High level of support	No changes to proposed plan
	Investigate if a policy or bylaw is required for the management of health care waste (in line with communications strategies by neighbouring councils)	Medium level of support implied	No changes to proposed plan required. Submissions support education and promotion of safe disposal options for hazardous wastes, this includes medical wastes such as sharps and medications.
4. Provide effective and efficient waste services supported by the right funding mechanism	Continue with Council-provided refuse collection service for urban households. Investigate methodology improvements e.g. receptacles, funding methods	High level of support	A high level of support was indicated for removal of the Council rubbish bag service due to animal strike and littering. A high level of support was indicated for a move to lidded bins for recycling due to windblown material and littering. A high level of support was indicated to ensure user (waste producer) pays options be available for waste disposal.
	Continue with Council provided refuse collection services for CBD businesses. Investigate CBD specific methodology e.g. frequency, receptacles	No mention in submission responses	No changes to plan required.
	Continue to provide public litter bins for waste and review bin type and cleaning frequency	Medium level of support implied	The level of comments on provision of public place bins was low. A medium level of comments refer to the significant demand on services and facilities by visitors including freedom campers. The submissions support Council provided services to ensure that visitor expectations are met.

Objective	Draft WMMP action	Level of support	Officer comment
	Review the need for a solid waste bylaw to support changes to collection services, including CBD collections, servicing MUDs and public place waste management	No mention of bylaw tools being implemented to support waste related services	No changes to plan required.
	Investigate the introduction of differential pricing tools to increase diversion at both the landfill and transfer station facilities, either through Council advertised fees and charges or by influencing the site operator	No mention of differential pricing mechanisms	No change to plan required. Differential pricing mechanisms to encourage reduction, reuse, recycling and recovery of materials will help achieve waste minimisation goals. This is a goal that is highly supported in the submissions.
	Continue with the waste disposal services provided at the Victoria Flats landfill	Low level of comments.	Comments relate to ensuring that landfill use is minimised to maintain available landfill space into the future.