

Submission to M.D.C. 1

Thoughts on cost annually \$160/year:

After using the Waste Calculator it clarified that it will definitely be a more cost-efficient & effective avenue for me to have kerbside collection and I think it would definitely be good for residents too. There wouldn't be a need necessarily to buy pre-paid bags or buy rubbish bags in supermarkets or elsewhere & stickers for rubbish to be collected like in Renwick as there is the wheelie bin & so it would help save residents money and reduce the number of soft plastics used (whether it is the prepaid stickers or prepaid bag or a rubbish bag and the prepaid sticker or just the sticker). It also is definitely beneficial to have kerbside pick-up for the communities that don't currently have it to reduce carbon footprint as mentioned by Alec the presenter (having the 1 truck do pick up and drop off rather than multiple people in their vehicles drop off recycling,) it also saves residents money on fuel, mileage, time and energy, and can mean less traffic also on the roads and lessens the wear and tear perhaps on the roads due to less traffic.

Glass crate size:

I support having a resource to store glass & have the contracted driver pick up from kerbside collection however, the crates will be too small for most if not all people at times throughout the year and bearing in mind the pick-up would be fortnightly there are only 2 opportunities throughout the month to have glass collected for recycling.

The size is very small for fortnightly glass collection, it may work for a single person, or for a couple or a small family the barely uses glass however, bearing in mind there are events through the year such as: Christmas, New Years' Eve, Matariki, Chinese New Year, birthdays, house warmings, family & friend or sports or colleague gatherings or welcoming visitors, & that people consuming alcohol may have a box of 8-24 to themselves or shared with others and may have friends visit with their beer bottles or other alcohol in glass, the crate wouldn't accommodate for the amount of glass needing to be stored in it to be recycled. Also, the crate doesn't accommodate for medium to large sized families and their visitors.

Some people that do preserving may have a temporary cap and end up recycling the glass after the preserved goods are consumed so they may have a lot of glass to recycle.

When I've seen the glass recycling kerbside crates in Blenheim/Waiharakeke there have been ones overloaded with glass. Bearing in mind some members of the public may drop their glass off into the crates as they walk past too, but, there isn't space at times to accommodate for that & they are less likely to open a wheelie bin lid to do that, but, if they did, there will likely be the space to accommodate for their glass.

I propose that both a crate and a wheelie bin be provided so that there is the option for people to use both through the year. The wheelie bin could be either 80L, 100L, 140L or 240L for example. If it was 80L that plus the 55L crate would equate to 135L in total. For days with low glass use people could use the crate, and on days with high use, people can use the wheelie bin and if needed the crate as well.

100L Wheelie bins for consideration for glass recycling: <https://www.bunnings.co.nz/products/storage-cleaning/cleaning/bins/outdoor->

Submission to M.D.C. 2

bins?gclid=da7aec2cd9a41ea26d458fae5e525ce1&gclid=da7aec2cd9a41ea26d458fae5e525ce1

Consideration may also want to be given to have multiple crates for different coloured glass if the truck's design could be made to have sections to divide up & organise glass by colour to avoid or significantly reduce sorting time at the recycling centre. However, people may have more of one type of glass but, it doesn't all fit in the 1 crate so crates alone still may not be the answer unless they are made larger however, they may then need wheels and a handle like a suitcase that extends so people can safely move the crate. However, it would be simpler just to have a wheelie bin probably in addition to a 55L crate or just have no crate & 1 wheelie bin that can accommodate for the festive seasons at households and other gatherings where glass is used overnight from alcohol bottles and then is to be recycled.

The issue with the glass crate/container in Hamilton's Kerbside collection is again the size and this is based on lived experience living with many in a household (the most was 13 in the household at one time). These do get filled quite quickly especially in a household with multiple people or if having family events and a lot of beverages within glass I brought to the household and used. Unfortunately, in Hamilton, even if a second crate was purchased for the household only, 1 is allowed to be put out per fortnight whereas if M.D.C. allow people to have more than 1 crate that can both be recycled in the same fortnight or a Wheelie Bin is provided in addition to a crate, this would help avoid the issue of storing glass in garages or elsewhere & help increase recycling as some people may unfortunately put glass in the landfill if it will not fit in crates.

Alternative designs to consider for glass recycling:

<http://gcsales.com.au/hood-lid-gen.php> & brochure:

<http://gcsales.com.au/resources/BROCHURE%20HOOD%20LIDS%20FOR%20WHEELIE%20BINS.pdf>

<https://wheeliebinonline.com.au/product/cabri-topp/>

Pros: People can recycle without touching surfaces thereby reducing the chances of infection.

Con: If people do not rinse out the glass there can be an odour they smell from the bin due to the design versus a closed lid bin however, it may encourage people to rinse out glass before recycling and thereby reduce contaminated products. Depending on the direction of rain when the bin is put out, it may get water in it compared to having a closed lid.

Note: I am open to the standard wheelie bin design in whichever size for glass and I understand it would likely be more cost-effective for the Council & public (bearing in mind rates) as bins in Blenheim/Waiharakeke that are considered to be rolled out elsewhere would likely be locally sourced within Marlborough or N.Z.

Recycling Bin:

The wheelie bin size for mixed recycling should be 240L at least as there will be an array of recyclable materials that households need to recycle and again, need bins that provide adequate storage to manage storing a fortnight's worth of recycling before it going out. There are families that have many

Submission to M.D.C. 3

people living there and their bin may fill up in 1 week and as mentioned above like with glass recycling, during festivities and other events there will be more to put out for kerbside collection.

Rubbish:

For rubbish, people may again require 240L for the fortnightly collection if they have many living in their household or following festivities. In a sense it can be good to restrict people to 140L however, this can be problematic during periods where there are materials that aren't recyclable/cannot be decontaminated and recycled & it's better to have more space than not enough to accommodate for such instances. I understand it comes down to each household regarding what products they use however, in terms of the bigger picture the Government and Supermarkets have more power in relation to this as policies can be put in place to replace single use non-recyclable items (used at barbeques etc to hold sauces and food) to items that are at least biodegradable or are recyclable and can be easily cleaned both at Households and recycling centres if need be.

Also, I'm unsure if Council is open to having the rubbish wheelie bin at 140L and have the recycling wheelie bin at 240L and so, if I was to choose one size over the other for the bins it would be the 240L.

Incentive/Reward:

Individualised rates & benefits I think that since the trucks can identify from the serial numbers the bin's designated addresses that use the service, there could be a system to keep tabs of the data on a fortnightly basis and those whom have more rubbish may have higher rates compared to those that don't and those with higher recycling may be in the middle and those hardly using the system due to not purchasing much have cheaper rates. Basically, the rates be reflected on what is collected and how much of it.

A lady at the meeting in Renwick talked about having a positive feedback system such as golden stars on bins if residents did a great job, perhaps for those that recycle correctly/a lot that they receive a discount % from their rates or go in the draw to win something at the end of the year and that could encourage people to ensure their recycling is clean and that it only contains recyclable in the recycling, and maybe those with the lowest rubbish also receive some type of reward. It may even be a record of "#1 recycler in each area" "#1 for lowest waste in each area" & overall Marlborough top recycler(s) & overall winner for lowest waste for each year and it may cause some healthy competition between places.

Some countries and perhaps in areas around N.Z. people can get either vouchers for meals (e.g. Greece) or money for recycling their bottles/metals in a recycling system in public, so this may help increase recycling in public spaces as it's a win-win for the environment, those who care for the area, the Council, and the person doing the right thing as they are rewarded and it's a good incentive to encourage others to do this. There's a positive example in this clip where someone shared their story that they saved money they gained from recycling & used it toward something useful for them Titled: "Te kaupapa whakahoki ipu

Container return scheme" see link: <https://www.youtube.com/watch?v=i2eL2u6kkJk&t=25s>

from website: <https://environment.govt.nz/what-government-is-doing/areas-of-work/waste/transforming-recycling/>

Submission to M.D.C. 4

Compostable bags:

Consideration should be given to making compostable bags accessible to line rubbish bins with to avoid/reduce soft plastic use while still having a lining for rubbish to keep bins clean & be environmentally friendly, perhaps the Council could build a partnership with the following entity and perhaps the entity below would be willing to donate 1 bag per rubbish bin & their product be made accessible at the Supermarket & Council Office:

https://www.ecpcompostables.co.nz/?gclid=Cj0KCQiAj4ecBhD3ARIsAM4Q_jFM8JccjfxYjdB-VLU6O1wVrxZrAQwBJkLezptDc- uH-6VEHIKlmgAAl3iEALw_wcB

They have a great product however, the cost is expensive for example: 12x 240L bags \$190 source:

<https://www.ecpcompostables.co.nz/collections/council-local-bodies>

The above cost means people are unlikely to purchase such a great product & will continue to use rubbish bags that are soft plastics to line their bins and hold the rubbish in and currently there is no Soft Plastic recycling available in Marlborough and most of the South Island:

<https://www.recycling.kiwi.nz/index.php?CID=509>

100L Wheelie bins for consideration for glass recycling: <https://www.bunnings.co.nz/products/storage-cleaning/cleaning/bins/outdoor-bins?gclid=da7aec2cd9a41ea26d458fae5e525ce1&gclsrc=3p.ds&msclkid=da7aec2cd9a41ea26d458fae5e525ce1>

Booklet:

As mentioned in the meeting in the Renwick Community Hall, it would be great to have a comprehensive booklet covering all products recyclable and non-recyclable as some people do not know what can be recycled and what cannot be recycled.

Waste Minimisation:

I think if the Council has the power to help encourage and help businesses minimise waste e.g. find alternative versions of the same products with less packaging or that has recyclable packaging and maybe see if the stores can send the packaging back to the suppliers e.g. plastic wrapped around cans etc to help reduce waste in the country but, they may need to hold suppliers accountable to pay the delivery cost or, Supermarkets may state they will only accept products that are wrapped in recyclable materials or biodegradable contents that don't cause micro-plastics in the soil.

Recycling in public spaces:

Public spaces lack facilities for recycling and the rubbish bins in place are not large enough to accommodate for the amount of public using it or, it is not collected often enough to prevent it overflowing.

Submission to M.D.C. 5

We only have rubbish bins currently in all or most public spaces & a person at the meeting in Renwick asked if recycling bins can be put in place where freedom campers and others are. The second image of the Ministry of Environment's webpage: <https://environment.govt.nz/what-government-is-doing/areas-of-work/waste/transforming-recycling/> shows multiple recyclable items jammed into small rubbish bins and it has overflowed and some items are on the ground, public need recycling bins to help encourage and accommodate for them to do the right thing and recycle items, it would definitely help reduce the amount of recyclables are put in landfill designated bins if there are recycling specific bins/storage systems available that have adequate capacity to take on recycling specifically & rubbish specifically from tourists, locals and others visiting public areas. Here is a link to examples of systems: Aus: [Recycling Stations | Wheelie Bins Online](#) N.Z: [Wheelie Bins | Total Bins](#) & [Outdoor Recycling | Total Bins](#)

Below are some links I would like Council to explore the content of:

Compost bin system:

As I mentioned in the meeting in Renwick Hamilton has the same Kerbide collection system except that there is a bin for scrap food also. As the presenter mentioned there are issues with dealing with food waste currently, but, perhaps in the future it can be incorporated for those whom have no compost or animals to eat left-overs or have other left-overs that cannot be given to animals or used in the type of composting system they have.

Kerbside system stats from H.C.C

Below is a link and it details the % of each aspect: Glass, food scraps, mixed recycling & rubbish:

<https://www.fightthelandfill.co.nz/>

Recent consultation Government has had with the Public that is of relevance:

"The government consulted the public on [improvements to household kerbside recycling](#) and two other proposals as part of the [Transforming Recycling consultation](#). The consultation closed on 22 May.

Submissions have been sent to the Ministry for the Environment/Manatū mō te taiao.

<https://environment.govt.nz/what-government-is-doing/areas-of-work/waste/improving-household-kerbside-recycling-collections/>

See below further info:

"Officials are analysing submissions. We received over 6,000 submissions from stakeholders including the general public, councils, NGOs, businesses and the beverage industry.

The summary of submissions is likely to be published later this year. It will include how many submissions were received for each proposal. The expected timing of Cabinet decisions on the proposals is late 2022."

It would be worthwhile that M.D.C. keep an eye out for what decisions are made by Cabinet late this year & I recommend that the Communication person/team of the Council or members of the Council email: transformingrecycling@mfe.govt.nz to be kept informed and gain guidance from them.

The second image of the Ministry of Environment's webpage: <https://environment.govt.nz/what-government-is-doing/areas-of-work/waste/transforming-recycling/> shows multiple recyclable items

Submission to M.D.C. 6

jammed into small rubbish bins and it has overflowed and some items are on the ground, public need recycling bins to help encourage and accommodate for them to do the right thing and recycle items, it would definitely help reduce the amount of recyclables are put in landfill designated bins if there are recycling specific bins/storage systems available that have adequate capacity to take on recycling specifically & rubbish specifically from tourists, locals and others visiting public areas.

Below are some links I would like Council to explore:

- Whaingaroa/Raglan: <https://xtremezerowaste.org.nz/services/>
- Kaikohe: <https://www.fndc.govt.nz/Our-services/Rubbish-and-recycling>

Other products for storing recycling:

- Workspaces and other areas primarily indoors or sheltered for containers without lids: <https://totalbins.co.nz/category/recycling-bins>

Other bins e.g. 60L etc:

- Recycling Stations | Wheelie Bins Online https://wheeliebinonline.com.au/dp-category/?product_cat=recycling-stations&dppage=1

Lockable recycling system was raised by the Presenter Alec.

In the Consultation Meeting in Renwick the presenter Alec mentioned they would have a lockable system, I am unsure if Council has organised a system but, here is an example of one system for wheelie bins which would need to be upscaled for what Council wants to use it for such as to lock R.T.S or other bins larger than a Wheelie Bin:

- <https://totalbins.co.nz/product/wheelie-bin-locking-stand-0>
- https://www.bing.com/images/search?view=detailV2&ccid=eLS0SIhj&id=4FD4EDA60FF59021251EB50369D0C3EFEAB6525D&thid=OIP.eLS0SIhjWv9GJYzwVI26PQAAAA&mediaurl=https%3A%2F%2F3.imimg.com%2Fdata3%2FVN%2FLC%2FMY-4177585%2Fgarbage-collection-disposal-250x250.jpg&exph=131&expw=250&q=wheelie+bin+sizes&form=IRPRST&ck=FC7114122187B0CE63F74F2F5B6EC0D5&selectedindex=2&ajaxhist=0&ajaxserp=0&cdnurl=https%3A%2F%2Fth.bin.g.com%2Fth%2Fid%2FR.78b4b44888635aff46258cf0565dba3d%3Frik%3DXVK26u%252fD0GkDtQ%26pid%3DlmgRaw%26r%3D0&pivotparams=insightsToken%3Dccid_LhyB3s%252BV*cp_44A20906E84942E84AAB6AE3852EAEB3*mid_D59AEC1EAB0E77F85542EB652A39A02F8BE3AC92*si_mid_608014691991442714*thid_OIP.LhyB3s-VZp5cQAIbaKt73gHaCR&vt=0&sim=11&iss=VSI&ajaxhist=0&ajaxserp=0

Opinion on Kerbside collection:

It is definitely beneficial to have Kerbside pick-up for the communities that don't currently have it to reduce carbon footprint as mentioned by Alec the presenter (having the 1 truck do pick up and drop off rather than multiple people in their vehicles drop off recycling, it also saves residents money on fuel, mileage, time and energy, and can mean less traffic also on the roads.

Other: It would be great to have an R.T.S. returned to Renwick as another avenue for people to recycle but, there needs to be a bin I think for rubbish as some people may place rubbish there also.