

Notice is given that a Submissions Hearing meeting will be held on:

**Date:** Tuesday 9 October 2018  
**Time:** 9.30 am  
**Meeting Room:** Tasman Council Chamber  
**Venue:** 189 Queen Street  
Richmond

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## Submissions Hearing

### Joint Waste Management & Minimisation Plan

### AGENDA

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#### MEMBERSHIP

<b>Chairperson</b>	Cr C M Maling	
<b>Deputy Chairperson</b>	Cr S Walker	
<b>Members</b>	<b>Nelson City Council</b>	<b>Tasman District Council</b>
	Cr I Barker	Cr S Bryant
	Cr W Dahlberg	Cr D McNamara
	Cr M Lawrey	Cr D Wensley
	Cr P Matheson	Cr D J Ogilvie

(Quorum 2 members)

Contact Telephone: 03 543 8524  
Email: [robyn.scherer@tasman.govt.nz](mailto:robyn.scherer@tasman.govt.nz)  
Website: [www.tasman.govt.nz](http://www.tasman.govt.nz)



## **AGENDA**

**1 OPENING, WELCOME**

**2 APOLOGIES AND LEAVE OF ABSENCE**

**Recommendation**

**That apologies be accepted.**

**3 REPORTS**

- 3.1 Proposed Nelson Tasman Waste Management and Minimisation Plan -  
Summary of submissions ..... 5

**4 HEARING OF SUBMISSIONS**

- Full list of submissions ..... 11



### 3 REPORTS

#### 3.1 PROPOSED NELSON TASMAN WASTE MANAGEMENT AND MINIMISATION PLAN - SUMMARY OF SUBMISSIONS

Information Only - No Decision Required

<b>Report To:</b>	Submissions Hearing
<b>Meeting Date:</b>	9 October 2018
<b>Report Author:</b>	David Stephenson, Asset Engineer - Waste Management and Minimisation
<b>Report Number:</b>	RSH18-10-1

#### 1 Summary

- 1.1 The Nelson City Council and Tasman District Council have published for public consultation the Draft Nelson Tasman Waste Management and Minimisation Plan (“the Plan”).
- 1.2 The councils approved the draft for consultation in June and August 2018. Consultation opened on 17 August and closed on 17 September 2018.
- 1.3 The councils received 41 submissions on the proposed Plan. Nine submitters have indicated they wish to speak to their submission at the hearing.
- 1.4 This report summarises submissions received by the councils on the proposed Plan in support for a hearing of submissions.

#### 2 Draft Resolution

**That the Submissions Hearing receives the Proposed Nelson Tasman Waste Management and Minimisation Plan - Summary of submissions.**



**3 Purpose of the Report**

- 3.1 The purpose of this report is to summarise submissions received by the councils on the proposed Nelson Tasman Waste Management and Minimisation Plan.

**4 Background and Discussion**

- 4.1 The Nelson City and Tasman District Councils have a statutory responsibility under the Waste Minimisation Act 2008 to adopt a waste management and minimisation plan, which must be reviewed at least every six years.
- 4.2 The two councils in 2012 produced the Nelson Tasman Joint Waste Management and Minimisation Plan. The Plan was due for review in 2018. The review of the Plan required preparation of a “waste assessment” and public consultation in accordance with the Special Consultative Procedure set out in Section 83 of the Local Government Act 2002.
- 4.3 In late 2017 the councils established a joint working party to review the Plan. The working party included Crs Maling (Chair), Bryant and McNamara from Tasman District Council and Crs Barker, Walker (Deputy Chair) and Lawrey from Nelson City Council. The review was based on a waste assessment that was completed in 2017.
- 4.4 The working party determined in early 2018 that the 2012 Plan was still largely fit-for-purpose, but that minor amendments were required and submitted an amended Plan to each of the councils to approve for public consultation.
- 4.5 The councils approved the amended Plan as the draft for consultation in June and August. Consultation opened on 17 August and closed on 17 September 2018. In approving the draft for consultation the councils have delegated the consideration of submissions to the members of the joint waste working party, with the addition of four additional Councillors: Crs Ogilvie and Wensley (Tasman District Council) and Crs Dahlberg and Matheson (Nelson City Council).

**5 Summary of submissions**

- 5.1 The councils received 41 submissions, which are attached to this report. Of the 41 submitters, nine indicated they wished to speak at the hearings.
- 5.2 Of the 41 submitters, nearly half (17) specifically indicated they generally supported the direction of the Plan as proposed (Figure 1). None indicated they did not support the proposed Plan in its entirety. Those requesting changes or additions generally implied these were in addition to the current content of the Plan, or to replace or modify selected sections.

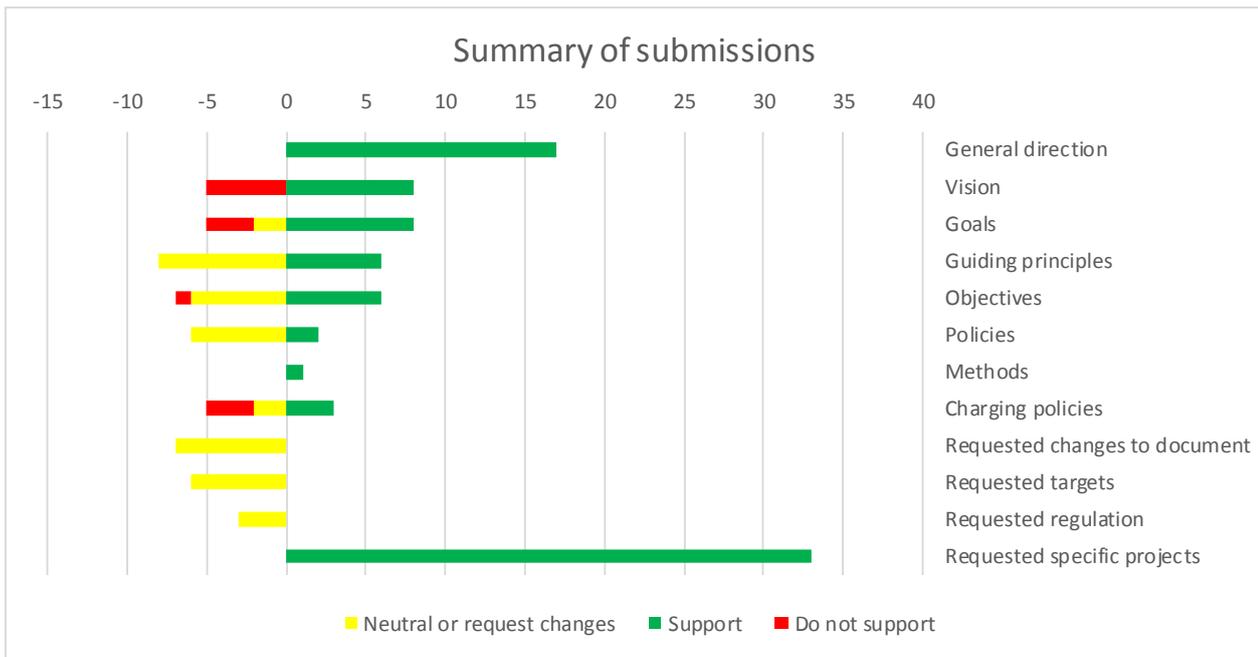


Figure 1 – Summary of submissions

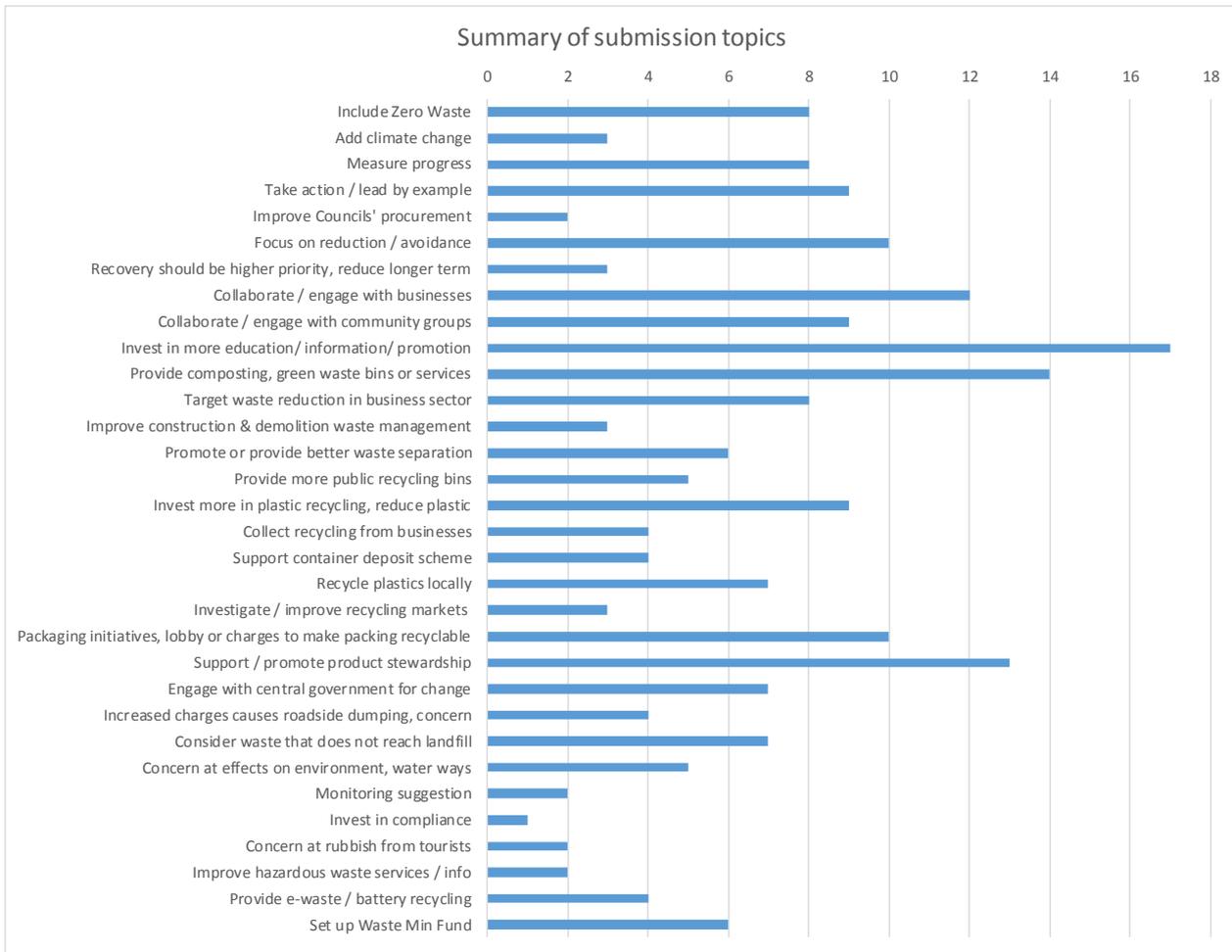


Figure 2 – Summary of submission topics

5.3 **Attachment 1** of this report lists all submissions received. **Attachment 2** outlines the themes identified by each submitter and these are illustrated in Figure 2 above.

5.4 Key themes most frequently mentioned were:

- Invest more in education, information, promotion (17)
- Provide or support composting, green waste bins or services (14)
- Support, promote product stewardship (13)
- Work with businesses (12)
- Make packaging recyclable (10)
- Focus on waste reduction or avoidance (10)
- Councils should take action, lead by example (9)
- Work with, engage with community groups (9)
- Invest more, provide plastic recycling, reduce plastic (9)
- Target waste reduction in the business sector (8)
- Measure progress (8)
- Include zero waste as the vision (8)

5.5 Other themes included:

- Consider waste that does not reach landfill (7)
- Recycle plastics locally (7)
- Promote or provide better waste separation (6)
- Set up a Waste Minimisation Innovation Fund (6)
- Provide more public recycling bins (5)
- Support for container deposit scheme (4)
- Collect recycling from businesses (4)
- Concern at effect on environment, waterways (5)
- Concern that increased charges causes illegal dumping (4)
- provide E-waste, battery recycling (4)

5.6 While 22 submissions did not request any changes to the Plan itself, almost all of the submitters made operational or funding requests of either or both councils. Staff note that the purpose of the proposed Plan is to set the strategic direction for the Councils, to set the strategic framework and to enable particular activities.

5.7 Funding and timing of particular programmes or services will be determined by the councils through an action plan, implemented through the Annual Plans and Long Term Plans of the councils.

## 6 Next Steps / Timeline

6.1 A hearing timetable is attached (**Attachment 3**) to this agenda. Following the hearing of submitters, a meeting to deliberate on submissions and potential changes to the Plan will be held on Wednesday 24 October 2018. At that meeting, staff will take direction from the

working party on changes they wish to make to the proposed Plan. A further meeting will be scheduled to confirm those changes and make recommendations to the two councils.

<b>7 Attachments</b>
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1.	All Submissions	11
2.	Summary of submissions	131
3.	Timetable for hearing submissions	133

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19229

**Mrs Noelia O'Leary**

noe3dland@gmail.com

142 Queen St  
Richmond 7020

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	Bioretention Practice Note		<p>My entry is for the plan to reduce waste. I think the plan is headed in the right way but would like to add my comments in case you find them helpful. Based on your chart on waste percentages, I would like to suggest better management of the biggest contributors to waste.</p> <p>Invest more in plastics recycling (ie. make easier to recycle soft plastics, this could be done placing more bins in more convenient places or being able to have a home bin to put soft plastics).</p> <p>Could food waste be more manageable if a compost bin was provided per household? or perhaps have home owners to dispose their food waste separate to the rest and collect this independently to be composted in a composting facility?</p> <p>I think the key to better waste management is better waste separation when disposing of it so it can be managed by type. Of course reusing and reducing waste and educating people is also very important. Providing people with the tools and knowledge required to recycle, re-use and reduce their waste. Education on how difficult it is landfill management. Plans for schools to get kids contributing to the recycling, composting and reusing of school waste.</p> <p>These are some ideas I had. It is good to see there is being some action taken into improve the way we do things now.</p>

Printed: 24/09/2018 09:25

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19230

**Mr Bruce Geddes**

bruce4power@gmail.com

170 Graham Valley Rd RD 1  
Motueka 7196

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		Yes, I think this plan is very necessary.
Nelson Tasman Consultation	3. Do you think we have the right objectives? Are they achievable? Are there any missing?		Yes, the goals are ranked in a good order.
Nelson Tasman Consultation	5. What changes have you recently made to reduce your waste?		We use the recycling options available and were pleased the supermarkets are taking back soft plastics. We decline plastic whenever possible.
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		It would be great if polystyrene could be collected and sent to Hope Moulded Polystyrene who recycle this material. I would also like Council to put pressure on supermarkets to pressure manufacturers to reduce packaging. It is way better to prevent the waste in the first place and it is the big buyers which have the influence to drive change.
Nelson Tasman Consultation	8. Do you have any other comments?		Education is the only way to get the reusable/recyclable material out of the waste stream. There will always be those too lazy to make the effort but if it is seen as socially unacceptable to just dump then this is a good first step. Increasing charges is not a good idea as this will encourage roadside dumping which is a big enough problem already.

Printed: 24/09/2018 09:28

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19231

**Ms Rachel Hessey**  
Retired Ratepayer

rjhessey@actrix.co.nz

7 Fawdan Way  
Richmond 7020

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		Provide a 240 litre green waste bin to Tasman Ratepayers free for lawn clippings and garden waste along with the yellow paper/plastic waste bin. It is easy to solve the problem.

Date: 24/09/2018 09:28

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19232

**Mr Bryant Quarterman**

quarterman.bryant@gmail.com

1o Antoine Grove  
Richmond 7020

Speaker? True

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	2. Do you support the council's guiding principles? Are there any missing?		<p>I believe the recovery of rubbish / waste should be much higher in your guiding principles. Reducing waste is a longer term goal where as the recovery of waste is much more immediate as shown in many international, national and local news items.</p> <p>It is very clear, waste ( plastic, chemicals etc ) is escaping the councils recovery efforts and ending up in our waterways and the sea. I see on a regular basis considerable waste in our waterways or in positions where the waste will end up in our water ways.</p> <p>Saxton Park is example where hundreds of people go for sports and yet the numbers of rubbish bins are minimal and rubbish is blown into the waterways or direct into the sea.</p> <p>People produce waste in the form of rubbish. More people mean more rubbish despite the best of intentions.</p> <p>A comment from a Nelmac staff member to me was "they won't use them so why put out more rubbish bins". I hope this is not the the councils philosophy.</p> <p>Considerably more rubbish bins are needed at all locations were people congregate and popular walk ways - Make sure everyone has easy access to facilities for waste that has to go into landfills</p> <p>A policy of encouraging the public to use the rubbish bins must be included including suitable signage, articles in Newslines etc.</p> <p>I believe we have lost a whole generation of children that have not been brought up to put rubbish into bins due to the lack of bins,so progress may be slow for a while.</p>

Printed: 04/09/2018 09:27

		<p>The damage to the waste collection budget is minor compared the that of waste in our waterways and sea. Monitoring should be by counting the rubbish at the mouth of our main waterways as well as counting the tonnes that go into the landfills which seems to be the current monitoring method. Thank you for opportunity.</p>
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*A. U. McGuire*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19234

**Mr Dan McGuire**

dan.sullivan@kinect.co.nz

45 Domett St.  
Nelson 7010

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		<p>Council's waste charges have increased very considerably over the years. In proportion to the increase in charges, I have noticed a proportional increase in waste being dumped up the Maitai Valley, alongside the Wangamoas and in forestry.</p> <p>I am aware that part of the reasoning behind the steep climb in charges over the years has been that some councillors have thought increasing charges would cause people to reduce waste. Instead, the more notable effect has been desecration of council and public land and reserves.</p>

Ref: 01/00/2018 00-14

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19236

**Mr Stephen Johnsen**  
 Manager Advanced Electrical Nelson Ltd

stephen@advanced-electrical.co.nz

34 Beach Road Richmond  
 Richmond 7020

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		Yes. We all need to make a more conscious effort to reduce waste.
Nelson Tasman Consultation	2. Do you support the council's guiding principles? Are there any missing?		Yes
Nelson Tasman Consultation	3. Do you think we have the right objectives? Are they achievable? Are there any missing?		Yes. to eliminate waste not just reduce is the key.
Nelson Tasman Consultation	5. What changes have you recently made to reduce your waste?		We have a cardboard bin, bottle recycling and do all we can to reduce waste. I am even contacting our suppliers to reduce packaging.
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		You need to make it easy for people as we are all quite lazy. Nothing should be able to be packaged in non recyclable material
Nelson Tasman Consultation	8. Do you have any other comments?		Councils should lobby manufacturers to change how they package goods, and make purchase decisions around waste. Charge manufacturers the amount it costs to deal with their waste.

Printed: 27/09/2018 09:45

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan – Submission #19238

**Mrs Nicola Hayman**

nicolakhayman@gmail.com

12 Langbein Street Stoke  
Nelson 7011

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		I would like the councils to support waste free workshops run by Kate Meads which most other councils support throughout NZ. Her workshops and objectives align with your preferred methods including avoiding and reducing waste.

Deleted: 07/09/2018 09:48

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19239

**Miss Rebekah Joy**

info@theinside.co.nz

6 Britannia Heights Stepneyville  
Nelson 7010

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		Green waste is a biggie. As a family of four (often five/six as we have students) we put out one blue rubbish bag every three to four weeks. In winter I burn a lot of my paper/cardboard. I compost and have a worm farm, I recycle and send all my clothes to opshops or cut them up and use them for rags. I used compostable and cloth nappies. I know of many families who are trying to reduce their waste. Is it possible to have some sort of community compost? I know it works well in big cities like Tokyo and even small ones like Byron Bay in NSW. Or reward families who are trying to make sustainable and environmentally sound choices for the benefit of our society? For example some sort of opt in plan where if you walk ex amount of days to school or car pool, recycle, compost, use greywater or other activities that aid our community with long term befits then it could be offset against rates? I mean why do we pay such hefty rates if because of our environmental choices we dont use as much landfill space as our neighbour who chooses not to compost or walk or use greywater.

Date: 2018/09/10 10:00

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19241

**Mr Neil Page**

7 Primrose Place  
Richmond 7020

544 5418  
544 5418

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

Printed: 09/10/2018 15:04

# 19241

Acknowledged

Waste Management Submission

My proposal to reduce waste is to cut the number of dogs allowed to be kept on any suburban property, to one. (At present two dogs are allowed to be kept on any one property.)

Below are listed the benefits of this proposal.

- 1 Reducing tons of dog poo from the land fill.
- 2 Reducing thousands of Doggy Doo plastic bags.
- 3 will reduce noise pollution from dogs barking throughout the neighborhood.
- 4 Less dogs will ease the number of dog complaints.
- 5 The benefit of keeping a dog as a pet will in no way be diminished by keeping only one dog.
- 6 Cost of implementing is minimal.

Can my proposal please be forwarded to Council for due consideration.

M. B. Page.

NEIL PAGE  
7 PRIMROSE PL.  
RICHMOND.  
Ph 544 5418.

*Acknowledged*

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19242

**Mr Mark Quinney**

quinneysbush@xtra.co.nz

255 Kohatu-Kawatiri Highway RD 2  
Nelson 7072

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

Date: 2018/10/10 11:59

#19242

Acknowledged

Our objectives are only achievable if we all make changes to reduce waste.

What changes have you recently made? (1) Crush glass to put into flower bed  
(2) Food scraps to pig (3) Aluminium cans recycled

What changes are you planning to make? (1) Investigate shredding of plastic cards  
to use as fuel for our burner

What changes would you like the councils to make? Shorter controls on what goes to  
landfill but people would probably just dump their waste  
somewhere else

Do you have any other comments on our proposed plan?

Too wordy for the average citizen - everyone is  
too busy to read through

Mark Quinlan  
Councilor Ash  
Marsden

A hearing will be held on Tuesday 9 October, where you have opportunity to speak to the councils.

Would you like to speak to your submission? No

YOU CAN MAKE YOUR SUBMISSION ONLINE AT  
[www.tasman.govt.nz/feedback](http://www.tasman.govt.nz/feedback)

Alternatively

- Email your submission to [feedback@tasman.govt.nz](mailto:feedback@tasman.govt.nz)
- Post your submission to David Stephenson, Tasman District Council, 120 Queen Street, Private Bag 4, Richmond 7012

BE SURE TO HAVE YOUR SAY BY 17 SEPTEMBER 2018.




# NELSON TASMAN WASTE MANAGEMENT AND MINIMISATION PLAN



How can we do better?

Section 5 and 6 of the plan sets out our vision and our goals.  
Do you support the vision and goals of the plan?

*Probably, but too long & 'wordy' to waste through!*

Section 6 of the plan also sets out the councils' guiding principles.  
Do you support the guiding principles? Are there any missing?

*As above*

Section 8 of the proposed plan sets out goals and objectives for all of our community.  
Do you think we have the right objectives? Are there any missing? Are they achievable?

*As above*

Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan.  
Do you think we have these right? Are there any missing? Will these help our community to reduce waste?

*As above*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19243

**Ms Sandra Quiggin**  
Teacher Murchison Area School

squiggin@murchison.school.nz

Murchison

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

Date: 09/10/2018 10:00

19243

Acknowledged.

**Robyn Scherer**

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**From:** Sandra Quiggin <squiggin@murchison.school.nz>  
**Sent:** Monday, 27 August 2018 12:28 p.m.  
**To:** Less Waste  
**Subject:** In response to your Reducing Waste, How can we do Better?  
**Attachments:** Reducing Waste Writing.docx

Good morning,

I teach at Murchison Area School and decided to ask our seven and eight year olds what they think. Before I forget, I would like to add, that today, I saw three vans of Nelson students throw away their "rubbish" in the one rubbish bin outside Murchison Information Centre. Most of the rubbish was cardboard containers, handed out by Rivers Cafe for their takeaway food. While Rivers cafe is doing their bit for the environment, there is a break-down in the process. Is there any way we could have separate recycle bins in Murchison and indeed in the whole of the Tasman district.

I have attached our thoughts as a class.

Kind regards

Sandra

### Murchison Area School's Thoughts on Reducing Waste

#### Throw away

Get rid of plastic bags and bottles altogether. Get rid of smoke from the vehicles. Can you, the council, make the electric cars cheaper please because then we don't have to use the fuel in the first place. See section of "don't use at all." Please encourage all factories to not make plastic.

#### Recycle

Here in Murchison, The Buller River flows all the way to the sea and comes out at Westport. Whales eat the plastic bags thinking it is jellyfish but it is plastic so it kills them. We are recycling the plastic. You can help to reduce the factories that make plastic to keep the earth cold.

#### Re-use

Can you please just dispose of all plastic companies in New Zealand please?

#### Don't Use so much

Why is this a problem? It destroys the world

What are we doing to help? We are picking up rubbish. Some of us here, think that some rubbish is coming from the tourists who pass through town. We have found throw-away coffee cups.

How can you, the council help? You can encourage people to stop making plastic and look at healthy alternatives to plastic e.g. the cardboard that is now being used around small, new trees instead of plastic.

#### Don't Use at all

Use jars not plastic as glass is made of sand. Use a recycling box. It is not cool to litter. Pick up plastic and put it in the recycling bin. Plastic kills the sea life. Stop using plastic bags, use boxes or boomerang bags.

Get rid of plastic bags and cellotape. Let's get rid of boats that produce lots of black smoke. Have we got electric boats that we can use instead, because if we do, can you make them cheaper. It would be especially good to have electric or just sail boats in Abel Tasman National Park.

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19244

**Ms Erin Colane**  
Enviro Action Group Nelson College for Girls  
erin.colane@ncg.school.nz

Nelson

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

05/10/2018 09:50

*Acknowledged*

**Robyn Scherer**

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**From:** Erin Colane <erin.colane@ncg.school.nz>  
**Sent:** Tuesday, 28 August 2018 1:55 p.m.  
**To:** Less Waste  
**Subject:** Nelson College for Girls submission

On behalf of Nelson College for Girls Enviro Action Group, we support the Nelson Tasman Waste management and Minimisation Plan. We keen to help out in whatever way possible and appropriate. Thank you and we hope this all goes well!  
Erin Colane,  
On behalf of Nelson College for Girls Enviro Action Group

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19246

**Ms Kirsty Tough**

kirsty@sdtech.co.nz

Richmond

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

Printed: 24/09/2018 09:44

**Robyn Scherer**

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**From:** Kirsty Tough <kirsty@sdtech.co.nz>  
**Sent:** Thursday, 30 August 2018 7:31 p.m.  
**To:** Less Waste  
**Subject:** waste reduction

Hi there,

I have been having a quick read of your plan to help reduce the amount of waste that we put out each week and have some ideas on this.

As a family of 4 we put out one bag at our gate each fortnight, the rest of the waste that our family creates we either recycle, compost or feed to our chicken. We have also started to collect our soft plastics as well. While this all works for us as we understand the processes and how to actually do side of life, there are many other families that due to the lack of knowledge or misconception that they don't have the time, will not and do not compost yet alone use their yellow recycling bins.

I feel that more education on composting is needed, this evening I found that you offer a discount on compost bins at local retailer - fantastic!

Now how about actually letting folk know about this!! Also I feel that it would be amazing to offer work shops on composting and the process so folk don't end up with a smelly heap that they have no idea on what to do with it.

I know that there is a great cost in the collection and recycling of soft plastics, but how about we have some more stations that these can be dropped off to. Great that we have supermarkets on board but if it is easier then maybe more folk would get on board as well.

I would be happy to talk some of this over further if need be.

Also as a horticulture tutor I would be more than happy to assist with the running of composting workshops. I have had a huge amount of experience in this field, please let me know if you would like to see my CV or references look forward to hearing from you soon Kirsty Tough

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19247

**Ms Elizabeth Dooley**

elizdooley@hotmail.com

127 Cleveland Terrace Maitai  
Nelson 7010

777 0080  
777 0080

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	4. Do you think we have the right policies? Are there any missing? Will these help our community to reduce waste?		<p>This regards composting.</p> <p>The Council makes a small subsidy for compost bins or Bokasi bins. I live on the side of a hill and I don't have a garden and cannot use any compost produced or bury the waste from the Bokasi bin. I am collecting my vegetable waste in a sealed bin but will eventually have to put it in my landfill bin.</p> <p>Apartment blocks are being built around the cbd. They do not have any place to dispose of compost.</p> <p>Could you possibly have compost collected or set up compost bins on street corners where people could put their compostable material? I assume the resulting compost could be supplied to bodies like 'Friends of the Maitai' or the Community Gardens.</p>

Printed: 24/09/2018 10:04

Acknowledged

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19248

**Mr Peter Mayes**

Nelson

03 937 6237  
03 937 6237

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

Printed: 04/09/2018 04:43

**Robyn Scherer**

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**From:** Less Waste  
**To:** Robyn Scherer  
**Subject:** Submission to the Waste Management Plan

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**From:** Peter Mayes  
**Sent:** Friday, August 31, 2018 3:17:59 AM (UTC+00:00) Monrovia, Reykjavik  
**To:** Submissions  
**Subject:** Waste Plan,

Good afternoon,

Just today (31<sup>st</sup> August) there was a news item saying that a boat made from re-cycled plastic had just been launched in the UK.

Hope moulded plastics accept CLEAN used polystyrene but it has to be delivered to them. This fact could be better known.

Wellington Airport has just had an experimental roadway made of re-cycled plastic oil containers in tarmac.

There is a lot of plastic, mainly milk bottles that is collected from cafes and bars by contractors in general waste, that is then taken to landfill. There must be a better way.

I know that NCC do not collect waste from businesses but maybe there is a way to sort this.

One of my local cafes (Squire's at Stoke) did have a customer who took their milk bottles, out of the goodness of their heart, to the transfer station, but he no longer does this.

They would need more than a once every two weeks collection.

McCashins café/bar have started using milk from Oaklands farm which is in glass. A much improved coffee so I am told, but a higher price. BUT they are not paying for waste bottles to be taken away.

I am sure every other authority is having the same problem.

If you could all get your heads together there must be a business that could adapt, given enough content from a number of authorities who could find a way of reusing plastic.

I did read of one in the North Island who was re-cycling polystyrene, grinding it back to granules then including it in building materials.

Hoping this may help.

Rebards

Peter 03 9376237

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*Acknowledged.*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19249

**Mrs Alexandra Mitchell**

ajmmitchell777@gmail.com

29 Eden Valley Rd RD2 Wakefield  
dovedale 7096

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		One of my concerns is that the products we buy come in plastic containers that are not recyclable. There is no organization or country (China) willing to take them. We the consumer, if we need the product, have no option than to buy it in the container it is sold in. I understand that dump fees may increase to discourage dumping and encourage recycling. I believe our manufacturers need to be paying as they choose the container they put their product in. That may mean the consumer pays an increased cost at purchase but that is preferable to the consumer paying at the end of the line and we still have a container that is not recyclable versus one that is. If manufacturers do not comply they would be penalized. This needs changes at a govt level and also looking at container materials that we in NZ can recycle ourselves and not export overseas. Thanks for the opportunity to comment.

Date: 05/10/2018 11:10

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19250

**Ms Claudia Teunissen**

claudia\_teunissen@hotmail.com

29 Macs Road RD 1, Hira  
Nelson 7071

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

## NELSON TASMAN WASTE MANAGEMENT AND MINIMISATION PLAN



### How can we do better?

- **Section 5 and 6 of the plan sets out our vision and our goals. Do you support the vision and goals of the plan?**

**Guiding principle 2 - Global Citizenship, page 13:**

- It is imperative to process locally or in New Zealand initially rather than send materials offshore.

**Guiding principle 4 - Product Stewardship, page 14:**

- As consumers we should become more critical in where our resources and products come from, their impact on the environment during production and waste management after use. It is vital that we choose reusable material/products over single use items. Or, alternatively, manufacturers should invest in degradable packaging.

- **Section 6 of the plan also sets out the councils' guiding principles. Do you support the guiding principles? Are there any missing?**

The guiding principles are comprehensive. One thing to consider is stricter governance around compliance especially in rural areas. There is this general consensus, especially among farmers and the older generation, that things are not as bad as they seem. Cows still have access to our waterways regardless of council plants/shelter belts that have been subsidized. Business owners are burning their commercial waste/building materials in their backyard to avoid paying landfill costs. We also see a lot of dumping/fly tipping in remote areas and around walkways, and neighbours 'store' their waste in their backyards to avoid paying costs for waste management. There is a strong feeling this behavior should be penalized accordingly and strict fines must be in place.

- **Section 8 of the proposed plan sets out goals and objectives for all of our community. Do you think we have the right objectives? Are there any missing? Are they achievable?**

- There should be an objective around waste management of tourists visiting our area, i.e. how about the freedom campers and their waste?
- Other matters such as waste water management, water usage, and other environmental impacts such as fuel (gas, wood, gasoline) is not included as such in this plan but will definitely have an impact on waste management as well.
- How do you measure your objectives, is the frequency sufficient, and what will happen if an objective is not met? Who takes ownership; the Councils and/or commercial sector? How about the private sector? Will there be a fine or other consequences?

- Do you explore other options aside from landfill for non-degradable single use items that are not able to be recycled in any way? What about the impact on our biodiversity, water quality, ecosystems and health?
  - Commercial enterprises and business owners should be in a different category compared to households. They should be strictly controlled and pay annual fees for removal of their waste. Encourage them for increased recycling and set this as a non-negotiable expectation. Fast-food enterprises should be using biodegradable containers, cups and cutlery etc.
  - Our region expects an increase in resource recovery such as building and development activities. This should be strictly regulated and environment friendly building materials should be considered and encouraged. Make the process for building consent when people request such materials less cumbersome. A great example is insulation material. Encourage reclaimed material such as bricks or wood.
- *Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan. Do you think we have these right? Are there any missing? Will these help our community to reduce waste?*
- Increasing fees to submit your waste to the disposal areas is NOT recommended as you will encourage fly tipping! There should be no reason or any threshold for people to present their waste. It will take almost a generation before people are appreciative of the necessity for recycling. Take a look at the European countries and their management of recycling and waste management. We are so far behind compared to the rest of the world, it is so embarrassing. Instead, utilize the increased council rates to allow for free waste disposal at the disposal areas to encourage people to get actively involved. Get people to register with the disposal areas and have their visits/disposals recorded which allows for greater and more accurate data collection. Ask for a small fee in case dangerous goods or non-recyclables are submitted.
  - Do not cap the maximum amount of waste an individual can submit, with the exception of commercial or business owners. It may be that one year a person will exceed its limits due to renovations at their property but the following year it will cease.
  - Has removal/disposal of cadavers and biological material been taken into consideration?
  - What about the increased consuming of electronic devices such as mobile phones, computers and televisions?
  - People are willing to recycle but will lose interest if they have to pay and if there are too many rules and regulations. Make it as easy and straightforward as possible. Create more and easy access to drop off centers or containers in rural areas.
- *Our objectives are only achievable if we all make changes to reduce waste. What changes have you recently made?*
- We come from Europe and have been introduced to recycling for over 20 years. We only use reusable bags for our shopping, grow our own veggies and compost food scraps or feed them to our animals. We have minimal food waste as we make a weekly menu and stick to this when shopping for groceries. We tend to cook a lot from scratch and minimize processed foods. If purchasing for example apples or onions we do not use a plastic bag but place them in the basket individually, and buy in bulk.
  - We recycle as much as possible, use reusable packaging or containers.

- Clothing and other household items that are still usable are sent to the Sallies or Red Cross.
- Leftover harvests are swapped with colleagues.
- We have solar panels on our roof and a wetback for our hot water supply. A septic tank with beneficial bacteria and use rainwater to irrigate our land and vegetable garden.

➤ *What changes are you planning to make?*

- We are considering a hybrid or electronic car for our next purchase
- If there is anything else we could do we would be very open to this.

➤ *What changes would you like the councils to make?*

- Stricter governance, fining people and businesses that are non-compliant
- Make collection of batteries used in appliances mandatory. Have a bin in supermarkets for people to place their used batteries.
- Have the car owners pay for the removal of the abandoned cars.
- Introduce recycling containers for e.g. glass and paper in the community and especially rural areas.
- Introduce a \$0.10 deposit fee for each glass and plastic bottle that is returned (common in other countries). Perhaps this could also apply for cans?
- Look at commercial waste that could be utilized for other purposes, such as food waste: leftovers could go to home shelters, SPCA or school lunches.
- Encourage community groups (sport clubs, girl guides etc.) to collect recycling which will allow for funding. For example, have them collect plastic drink bottles and pay \$0.10 per collected bottle.

➤ *Do you have any other comments on our proposed plan?*

Proposed plan seems a good start. It will be important though to keep evaluating our progress on a regular base. Promotion and education is vital for greater understanding, willingness and contribution!

*A hearing will be held on Tuesday 9 October, where you have opportunity to speak to the councils. Would you like to speak to your submission?*

No, not necessarily.

**Name:** Claudia Teunissen  
**Address:** 29 Macs Road, RD1 Hira, Nelson 7071  
**Telephone:** 027 703 7099  
**Email address:** Claudia\_teunissen@hotmail.com

*Acknowledged  
wishes to speak*

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19251

**Ms Joanna Santa Barbara**

joanna@atamaivillage.nz

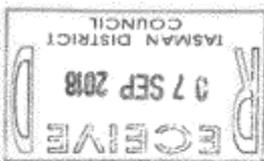
58C Mytton Heights RD 1  
Motueka 7196

03 528 0386  
03 528 0386

Speaker? True

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

Printed: 10/09/2018 09:25



## NELSON TASMAN WASTE MANAGEMENT AND MINIMISATION PLAN



How can we do better?

Section 5 and 6 of the plan sets out our vision and our goals.

Do you support the vision and goals of the plan?

First of all the consultation document is very good. Thanks. The information is helpful. I'm glad the two councils are working together. Since waste minimisation is important in mitigation of climate change, I'd like it pointed out that this is part of TDC's climate plan.

Section 6 of the plan also sets out the councils' guiding principles.

Do you support the guiding principles? Are there any missing?

Very good, especially product stewardship & full-cost pricing.

Section 8 of the proposed plan sets out goals and objectives for all of our community.

Do you think we have the right objectives? Are there any missing? Are they achievable?

I'd like to see Objective 10. Reduce greenhouse gas emissions associated with waste streams.

Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan.

Do you think we have these right? Are there any missing? Will these help our community to reduce waste?

They're good. I'd like these added:

- Introduce a bottle & can deposit scheme to increase the proportion collected.
- Advise against bottled water, since our tap water is adequate.
- Investigate further collection & use of landfill methane.
- Ensure refrigerant gases are meticulously dealt with.

Our objectives are only achievable if we all make changes to reduce waste.

What changes have you recently made? Buy most groceries + milk in own containers, minimise plastic bottle acquisition, compost all organic waste, buy 2nd hand

What changes are you planning to make? when possible. Buy as little as possible. Plan to make own toothpaste to further reduce bought plastic containers

What changes would you like the councils to make? bottle deposit scheme, recover more landfill methane, check recovery + disposal of refrigerants

Do you have any other comments on our proposed plan?

Well done!  
Good start.  
Ideally you need a "waste ambassador" to visit businesses + industries + advise on waste minimisation.

A hearing will be held on Tuesday 9 October, where you have opportunity to speak to the councils.

Would you like to speak to your submission? Yes

YOU CAN MAKE YOUR SUBMISSION ONLINE AT:  
[www.tasman.govt.nz/feedback](http://www.tasman.govt.nz/feedback)

Alternatively:

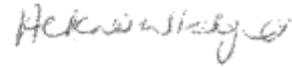
- Email your submission to [feedback@tasman.govt.nz](mailto:feedback@tasman.govt.nz)
- Post your submission to David Stephenson, Tasman District Council, 181 Queen Street, Private Bag 4, Richmond 7030

BE SURE TO HAVE YOUR SAY BY 17 SEPTEMBER 2018.



Joanna Santa Barbara  
58C Myton Heights  
RD 1  
Motueka 7196.  
03-528 0586.





## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19252

**Mr Chris Wratt**

Chriswratth@hotmail.com

13 treetop place  
Wakefield 7025

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	5. What changes have you recently made to reduce your waste?		I purchased a compost bin thanks to the extra subsidy tdc offered recently.
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		<p>You need to work with non council contractors, eg CAN Plan to encourage pricing that provides a cheaper option for green waste.</p> <p>Currently pricing up a weekly 240 litre red general rubbish bin is cheaper than a weekly 120 litre red general rubbish bin and a fortnightly 240 litre green waste bin. For the same volume you in effect are penalised for using the green bin to divert garden waste from the landfill.</p> <p>Or the council needs to launch their own wheelie bin service the same as Christchurch with dedicated recycling, rubbish and green bins.</p>

Printed: 16/09/2018 09:24

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19258

**Mrs Susanne Toder**

stoder@gmx.de

442 Glenview Rd  
Takaka 7183

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		<p>I strongly urge the national and local government to minimise waste by reducing in the first place. Enforce the reduction of packaging by putting pressure on producers through making it compulsory to take back their package materials. (done so in European countries). Giving consumers the choice to not use packaging and making it easier in supermarkets to use own containers. Often packaged goods are cheaper than open product, which should not be possible.</p> <p>I am forced to take own and other peoples soft plastic materials from Takaka to Motueka or Richmond for collection! Local Takaka Fresh Choice should be urged to supply the container for collection.</p>

Printed: 14/10/2018 07:58

*Acknowledged*

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19259

**Mr Nathanael Rais**  
The Nelson Youth Council

nathan@nzgridiron.org

110 Trafalgar St  
Nelson 7010

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached document for the Submission of the Nelson Youth Council.

Printed: 14/10/2018 07:57



10/09/2018

### **DRAFT JOINT WASTE MANAGEMENT AND MINIMISATION PLAN**

The Nelson Youth Council supports the Joint Waste Management and Minimisation Plan and its vision to "work together to value resources and eliminate waste".

The Youth Council sees the long term value of waste management for our environment and strongly supports Council's goal of avoiding the creation of waste. We feel that focus on the community's role in achieving this goal necessitates Council engagement as recognised in policy 1.3, in order to improve awareness and give the community the ability to take action. Waste management is a social and environmental issue and we believe the most effective way to make a significant lasting change is to educate and change social perspectives.

The Youth Council also supports the Councils both passing regulations and using pricing incentives as methods to encourage a culture of avoiding waste in our region as outlined in section 4.8 of the consultation document. We also encourage the acknowledgement and focus in this strategy on limiting the harmful effects of the litter and other waste which never reaches the land fill.

The Youth Council support the objectives of this strategy but believes they should have a larger focus on the waste reductions of corporations and businesses. Considering the waste assessment summary statement that "the waste generated by commercial activities is around 55%" we feel that the objectives should have a clearer focus on commercial waste reduction. We recognize there are some industry initiatives within the strategy and acknowledge that the commercial sector is included in the focus on "our community." However, the Youth Council encourages specifically targeting commercial waste reductions within the objectives to maximise the strategy's effectiveness around the majority of waste produced in the region.

As youth we clearly see that the future of our lives will be shaped by actions today and so we largely support guiding principal 5 because of its recognition of the long term value of waste management. We also support guiding principle 4 and in particular believe producer responsibility is a crucial element in the long-term success of this strategy which should be better reflected in the objectives of the strategy. While we recognize the difficulty of changing the actions of external corporations, we strongly support policy 6.1 and encourage Council to take definitive action to implement this principle in the future.

The Youth Council this year also has several practical suggestions for the action plan which will be written once the JWMMP has been adopted. Many youth in the region see the value of waste reduction and are committed to helping our community reduce waste. We believe that early education around reducing individual waste consumption would be a major first step in developing a sense of 'Global Citizenship', and in turn, would result in collaborative change throughout our community toward sustainability. There must be support, education, and a focus on promotion within schools regarding resources, recycling, and ways to avoid waste. We see value in Councils involving the community in workshops and activities in line with policy 1.1 and 1.2. Finally, we recommend that the Councils provide services to facilitate business recycling.

We also believe increasing the number of recycling bins around the CBD would be beneficial. Furthermore we see food waste as a potential area for improvement in restaurants, schools, stores, and local farms. Possible actions could include composting services, placing compost bins in schools, and donating currently wasted food, all which would be in line with the principle of "the Waste Hierarchy". We also encourage Council to promote the reuse or donation of items that might otherwise end up in the landfill.

We do not wish to speak to our submission.

Yours sincerely

Nathanael Rais  
 Alex Hunter  
 Cassie Hagan  
 Campbell Rollo  
 Christiane Leaper  
 Max Schneider  
 Hayden Rose  
 Reuben Panting  
 Uk Hlei Cinzah  
**Nelson Youth Councillors**

Estella Grant  
 Latai Funaki  
 Samantha Cronin  
 Nico Frizzell  
 Robbie Anderson  
 Emma Edwards  
 Ella Smith  
 Jacob Mason  
 Jaid VanDenBerg-Kaire

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19260

**Mr Kevin Feast**

kzf100@gmail.com

12A Atkins Street  
Motueka 7120

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	4. Do you think we have the right policies? Are there any missing? Will these help our community to reduce waste?		Until there is a strong and extended system within New Zealand for dealing with all materials that have potential for recycling, there is limited reason for individuals to make any effort to assist in waste management. When the community sees the increasing piles of recycling materials being created because other countries do not want them, the point of recycling is lost. Our local and central governments must take combined urgent action to overcome the problem so the communities have something to support. The TDC must initiate action on the problem, not just organise how to store the problem.

Date: 18/09/2018 11:48

*Acknowledged*

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19262

**Mr Jarom Hippolite**  
Environmental Manager Ngati Koata Trust

jarom@ngatikoata.com

137 Vickerman Street  
Nelson 7010

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		<p>We would like to see those company's and manufacturers based in Nelson and Tasman to be responsible for the products they produce. We would like them to use packaging that can be recycled.</p> <p>For the garden waste, we think that there is an opportunity to create a fertiliser plant. The garden waste can be sent here to create fertiliser for the local orchards and farms instead of using harmful fertiliser that pollutes our streams and rivers. This can also be for food waste also. Anything that will be helpful for gardens can be diverted to a fertiliser plant.</p>

Deleted: 19262048 11:17

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19264

**Ms Jane Murray**  
Health in All Policies Advisor Public Health Service, Nelson Marlborough Health

jane.murray@nmdhb.govt.nz

PO Box 647  
Nelson 7040

Speaker? False

Department	Subject	Opinion	Summary
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*Printed: 10/09/2018 14:18*



# **Nelson Tasman Waste Management and Minimisation Plan**

**17 September 2018**

For more information please contact:

Jane Murray

NMDHB Public Health Service

Email: [jane.murray@nmdhb.govt.nz](mailto:jane.murray@nmdhb.govt.nz)

Phone: (03) 543 7805

**Submitter details**

1. Nelson Marlborough Health (Nelson Marlborough District Health Board) (NMH) is a key organisation involved in the health and wellbeing of the people within Te Tau Ihu. NMH appreciates the opportunity to comment from a public health perspective on the Nelson Tasman Waste Management and Minimisation Plan.
2. NMH makes this submission in recognition of its responsibilities to improve, promote and protect the health of people and communities under the New Zealand Public Health and Disability Act 2000 and the Health Act 1956.
3. This submission sets out particular matters of interest and concern to NMH.

**Specific Comments**

4. NMH supports the revised Nelson Tasman Waste Management and Minimisation Plan which builds on the substantial work to eliminate waste that Tasman District Council (TDC) and the Nelson City Council (NCC) have undertaken over the past years. Reduction of waste is important and NMH has made a commitment within its own Annual Plan to identify actions to support the environmental disposal of hospital and community waste products.
5. NMH, TDC and NCC, are large employers in the district, may wish to consider working together on a behaviour change programme to reduce waste internally. This would demonstrate that our respective organisations acknowledge the importance of waste reduction and are leading by example.
6. NMH acknowledges both Councils invitation and subsequent participation of the Medical Officer of Health as a working party member in the development of the plan. There is a typographical error on page 31 regarding NMH. It states that Stephen Bridgman, ~~the delegate representing the~~ Medical Officer of Health, Nelson Marlborough District Health Board. Please delete the wording "*the delegate representing the*" as Stephen is the Medical Officer of Health.
7. NMH supports the revised Goals for the plan including the revised wording to the Goal 3 regarding the mitigation of any adverse cultural effects. This wording change aligns the Goals with the core principles relating to Kaitiakitanga and Stewardship.
8. NMH notes that the 2012 Goal that "*Councils work together with Central Government, Industry and other parties to improve product stewardship*" has been omitted in the revised 2018 Goals. It would be useful to recognise the importance of cross-sector work within the goals of the Strategy.

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9. NMH was pleased to see that the Councils have included mention of implementing services that cannot be funded by user charges where a public good outcome can be demonstrated. This gives the Councils flexibility to look a range different services that could reduce waste more effectively in the region.

10. There has been no explicit mention to obligations concerning waste in regards to the Emissions Trading Scheme. NMH recommends that the Plan provides further detail regarding this matter.

11. NMH notes that Policy 1.4 *The Councils will prioritise their support of activities to those that avoid or reduce waste and maximise the value of diverted material* (pg. 19) does not include any methods about how this will be achieved. It would be of value to the reader to include this information.

12. NMH supports Method 4.2.4 (page 21) that the Councils will investigate and may support rural waste minimisation initiatives in the region. NMH recommended in its letter regarding the Joint Waste Assessment (dated 29 August 2017) that the Councils takes a more active role in determining the nature of rural waste, and how it is currently handled and disposed. It is pleasing to see that this has been identified in the Plan.

#### **Conclusion**

13. NMH thanks the Tasman District Council and the Nelson City Council for the opportunity to comment on the Nelson Tasman Waste Management and Minimisation Plan.

Yours sincerely



Peter Bramley  
**Chief Executive**  
peter.bramley@nmhs.govt.nz

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19271

**Ms Chrystal Pitcher**

Chrystalnaturesoap@gmail.com

2/11a Cambria St  
Nelson 7010

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		Yes
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		
Nelson Tasman Consultation	3. Do you think we have the right objectives? Are they achievable? Are there any missing?		Principle 2. I support materials being processed locally. Principle 3. I support kaitiakitanga and would like TDC landfill on the estuary at Richmond closed, rubbish flies over the fence into the sea. Also recently at Tapu Bay I reported a large dump of rubbish to TDC right under the sign out-lining the spiritual importance of it to IWI. Principle 4. I would like this product stewardship scheme accreditation promoted to increase awareness.
Nelson Tasman Consultation	3. Do you think we have the right objectives? Are they achievable? Are there any missing?		Objective 7 is not achievable if Councils do not subsidise the user charges on the disposal and treatment of waste. Disincentives only encourage illegal dumping.
Nelson Tasman Consultation	2. Do you support the council's guiding principles? Are there any missing?		Principle 5. I do not support or agree with full-cost pricing to be included in landfill charges. In Nelson we recently have had increased fees of 20% on greenwaste, rubbish bags and landfill. Increased fees are counter-productive leading to resistance by the public and illegal dumping and pollution of

Submitted: 19/09/2018 14:40

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19272

**Mrs Karen Driver**

ks\_driver@outlook.com

55 Beachville Crescent  
Nelson 7010

Speaker? True

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		My submission is detailed in the attached document.

Printed: 18/10/2018 11:50

**Draft Submission to Nelson Tasman WMMP****Name:** Karen Driver**Organisation:** N/A**Position:** N/A**Email:** ks\_driver@outlook.com**Address:** 55 Beachville Crescent, Nelson**Phone:** 022 034 0316**I wish to speak to my submission.**

The following sections are based on the questions asked in the council's Submission Form

**1. Section 5 and 6 of the plan sets out our vision and our goals.****Do you support the vision and goals of the plan?**

I do not support the proposed vision of the plan. I believe it is too weak and has been ineffective over the life of the previous plan. I believe council's should go back to the vision from 2001 or earlier – Zero Waste. Both councils (along with 27 out of the 74 local authorities) signed up to the Zero Waste by 2020 vision and received funding from the Zero Waste Trust but this was never seriously pursued, let alone realised, by any council. Auckland Council reaffirmed their vision of Zero Waste in 2012, with the target of 2040. I would like to see Nelson Tasman do the same.

A vision of Zero Waste for an achievable date in the future will inspire and encourage a community that has started to embrace the issues around the need to reduce waste – particularly plastic bags, litter, plastics in the ocean, event waste, the Chinese crackdown on accepting low quality recyclables and council parking tickets. The current central Government is showing leadership in dealing with waste, after years of inaction by previous governments. They are signalling their intention to use some of the powers of the Waste Minimisation Act 2008 such as increasing the waste levy and declaring priority products – which paves the way for mandatory product stewardship programmes. Local Government New Zealand signalled strong support for the recent central Government moves to minimise waste at their AGM in July 2018. It is therefore timely for councils to follow Auckland's lead and declare an aspirational vision. The political climate is ripe for change – we need to ride the wave.

I do not support the proposed Goals. Goals should be SMART (Specific, Measurable, Achievable, Realistic and Timely). There is no traceability. They are basically unchanged from the last Joint WMMP in 2012 and there is no way to identify how or if the goals were met. I would suggest they weren't met. I also believe councils should have targets that are

specific to waste generated from within council operations, which you have direct control over, as well as waste generated regionally within the community. This shows clear leadership and a potential challenge for other businesses to emulate.

The Joint Waste Assessment (2017) indicates that landfill waste has slightly increased in the period of the last JWMMP – 2011/12 to 2016/17, although I do not have the population figures for 2012 to allow the comparison between waste per capita over the period.

**2. Section 6 of the plan also sets out the councils' guiding principles.**

**Do you support the guiding principles? Are there any missing?**

Yes, I support the guiding principles, with the addition of one more – Zero Waste through the support of a circular economy model.

**3. Section 8 of the proposed plan sets out goals and objectives for all of our community.**

**Do you think we have the right objectives? Are there any missing? Are they achievable?**

The problem with the objectives is that they cannot be measured and so how it be determined if they have been achieved? How did we do against the previous JWMMP? They are largely unchanged in focus since the previous JWMMP. The main change seems to be moving the emphasis away from council onto the community. I believe councils need to provide leadership. I agree that waste is a community-wide issue that requires community involvement in finding solutions but councils have not involved the community in developing the plan. The community needs to know what councils will do, what they expect from the community and how they will facilitate community engagement. Councils own the plan and have the resources to implement it, the community doesn't.

**4. Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan.**

**Do you think we have these right? Are there any missing? Will these help our community to reduce waste?**

Generally the policies are on the right track, but there is not enough certainty. For instance Policy 6.1 focuses on Product Stewardship and the methods provide more detail how councils will promote PS, but I believe council's should be stating their priority waste streams for Product Stewardship, and should be stating that these should be mandatory and not voluntary. This will help to give central Government and the community a clear message that these are the waste streams councils consider key to target. Past Governments have continually consulted on the priorities for mandatory product stewardship but have only instigated voluntary schemes that have not had the impact needed. It's time to start using the teeth within the act. Councils have a big part to play in ensuring central Government does this and is aware of the council's priority waste streams.

More detailed comments are recorded in the general comments section below.

**5. Our objectives are only achievable if we all make changes to reduce waste.**

**What changes have you recently made?**

As a household we opted for a smaller kerbside recycling bin as we were keen to keep our recycling to a minimum to reduce our waste. We put our recycling out for collection about every 6 weeks, and we do not generate much waste. We have moved to buying milk from

September 2018

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Oakland vending machines into glass reusable bottles. We always take reusable bags when we go shopping and if we need a bag unexpectedly will just carry the items by hand or use a box. We do not buy stuff that we don't need. Our clothes are often from op shops, clothing swaps when possible. I try to buy quality locally made clothes when buying new as they last longer and support the local economy. All clothes are used until they fall apart. Any items that are reusable and not used by us anymore get dropped off at ops shops or the Nelson Recycle Centre. We avoid packaging as much as possible when buying anything. When we need to replace items such as white ware we research the longest lasting products that are available and buy the best quality product that meets our needs within our budget. We refill jars and bottles with washing up liquid, loose leaf tea etc., which all helps to reduce packaging waste.

I am on the Board of Zero Waste Network, a not for profit organisation leading the charge in the nationwide community to deliver local and national action towards zero waste. I volunteer for Waste No More – Zero Waste Nelson Whakatu, manning waste/recycling stations at events to ensure recyclables and compostables are kept separated at events and so diverted from landfill. I also support other local community initiatives to reduce waste and advocate for zero waste at events that are not currently minimising their waste.

I worked for Nelson Environment Centre for over 12 years and left recently. That work enabled me to build up a network of colleagues/contacts nationwide to target the bigger picture issues to move Aotearoa towards zero waste. This has enabled me to lobby for change from the government and local councils, and also lead change in our local community and throughout New Zealand. Some of this is done voluntarily. I recently left NEC to join a zero waste advocacy consultancy to work on driving zero waste nationally. I'm passionate about zero waste and act to influence change within our community through my actions.

**6. What changes are you planning to make?**

I am working to bring electronic waste recycling into New Zealand, working through Zero Waste New Zealand with international partners. Central Government needs to declare electronic waste to be a priority product. This needs to happen to ensure we reuse the materials that are inside our IT devices and also to keep the toxic materials from our landfill. This would ensure that e-waste could be collected free of cost to the consumer at end of life. It will also create jobs throughout New Zealand. This activity would support the councils e-waste diversion targets in this plan. I am on the Board of Zero Waste Network, a not for profit organisation leading the charge in the nationwide community to deliver local and national action towards zero waste. I volunteer for Waste No More – Zero Waste Nelson Whakatu, manning waste/recycling stations at events to ensure recyclables and compostables are kept separated at events and so diverted from landfill. I also support other local community initiatives to reduce waste and advocate for zero waste at events that are not currently minimising their waste.

As a household we continue to remove waste from our lives and act personally to support change. I have recently gone poo free – I no longer use shampoo. That is one less plastic bottle being used.

**7. What changes would you like the councils to make?**

- a) Take ownership of the plan and it's implementation. Councils need to lead the drive towards zero waste. Councils need to support community innovation and engage with community stakeholders.
- b) Create a transparent & contestable Waste Minimisation Innovation Fund – similar to Auckland Council (<https://www.aucklandcouncil.govt.nz/grants-community-support-housing/grants/regional-grants/Pages/about-waste-minimisation-innovation-fund.aspx>). AC funds their WMIF from the levy fund they receive from MfE. A media release from 2016 is included as an Appendix to this document. Auckland Council have indicated to me that they would share details of their process and the results and benefits of the fund with councils.
- c) Set a vision for Zero Waste with a target date. This will show councils mean business and will show true leadership. It needs to be supported by a much clearer, measurable, achievable and targeted WMMP.
- d) Give the WMMP some teeth. The community needs clear targets. The community needs to know how the targets will be met and we need to see reporting against those targets.
- e) Work with the community to develop a robust plan that focuses the budget and resources in the key areas that will make a difference. The community needs to engage with this plan to support councils to ensure it is embraced, implemented and successful.
- f) Support and facilitate the education and behaviour change needed within the community to achieve the targets councils will set. It is the councils role to ensure that the community is aware of the consequences of our current wasteful attitudes towards resources, such as plastics in the oceans, and what residents can do to help to counter these consequences and ensure a more sustainable future for all.

**8. Do you have any other comments on our proposed plan?**

Yes. Detailed comments to follow:

1. General note – the figures on landfill tonnages etc. are documented to imply that this is all waste to landfill in the region. References to clean fills (one alternative waste disposal option) are mentioned in the detail but the community should be informed that these tonnages may be only an estimated 30% of waste generated in the region – as highlighted in the MfE publication – National Waste Disposal Survey Report (<http://www.mfe.govt.nz/publications/waste/national-waste-disposal-survey-final-report-2017>) that stated that based on their review they estimated that only 30% of waste is subject to the waste levy (through disposal at controlled

landfills – such as Eves Valley and York Valley). Therefore comparisons of the amount of waste generated each year are indicative only – they are not the full picture.

2. I note that this draft WMMP is an update on the JWMMP from 2012. What was achieved over those 6 years?
3. Section 4.3 – This mentions the period of 6 years but references just 4 – 2012-2016, and then goes on in Table 4.1 to provide data for 2010 (outside the term of the previous plan but presumably within the 6 years) and 2016. Why use 2010 figures rather than 2012 and why not use 2017 figures?
4. Section 4.4 – During the period of the last plan, has all green waste been composted that has been separated by the public and dropped off at the Nelson Transfer Station and Tasman Resource Recovery Centre's? I understood that there was a period where green waste was being landfilled. Please can you clarify this and if there was green waste that was landfilled can you confirm that this quantity has not been included in the diversion figures.
5. Section 4.4 – What is the percentage of recyclables collected from kerbside throughout the region that are contaminated? What is the percentage of recyclables collected in public recycling bins that are contaminated? Those numbers would help us understand how valuable these services are and whether education is needed to make them more effective. I also believe that if the community knew the cost to councils, and hence ratepayers, of the kerbside recycling they would be more engaged in supporting and lobbying for mandatory product stewardship schemes where the cost of collection and processing falls on the producers rather than the ratepayers.
6. Section 4.4 – I do not believe councils should be making statements that the diversion of green waste through home composting is expected to be significant. There is no evidence to back that up. I understand the council's ratepayer surveys indicate that a lot of household's compost, but experience from workshops I have been involved in through delivery by Nelson Environment Centre, on behalf of councils, would indicate that this is not the case. They may have compost bins etc. but many of the workshop participants aren't using them effectively or at all in some instances. In addition the 2012 survey indicated that 13.7% of waste was food waste and 13.8% was garden waste, that is 28% of waste to landfill! I don't believe councils should be so complacent about home composting being a big part of the answer. This is further reinforced in section 4.5 where it talks about composting and food growing increasing diversion from landfill. Commercial sized composting options and collection services (such as that by Community Compost) are needed to make any significant differences in the region. Focus also needs to be placed on reducing food waste – such as by supporting the promotion and use of the WasteMINZ Love Food Hate Waste programme that councils were involved in developing.
7. Section 4.5 – mentions that construction and demolition waste is forwarded to re-processors or landfill. In fact I know that it is also going to cleanfills – in fact it is likely that most of it does not go to landfill, but with no monitoring of tonnages or waste types going to cleanfill this is a big unknown. From the work I have done with the construction industry, for councils, it is clear that very little goes to re-processors or recyclers. Given the quantity of waste generated from the construction industry

there needs to be support given to the industry to identify and leverage the creation of local solutions to help the industry divert their waste.

8. Section 4.7 – Table 4-2 indicates that 3% of waste to landfill identified from the 2012 SWAP study was e-waste. I cannot see where that breakdown comes from in the Waste Assessment.
9. Section 4.7 – over what period does the council expect the diversion targets to be achieved? There should be short term and longer term targets stated with the longer term trending towards zero waste.
10. Section 4.7 – I believe the targets should be 100% diversion of food and green waste over the next 6 years. Table 4-2 estimates how much of particular waste streams could be diverted from landfill – can we assume these targets are within the six years of this plan? The targets are all about diversion. The targets need to include a reduction in per capita generation – which combines the diverted and landfilled quantities.
11. Section 4.7 – I support in particular the need to reduce electronic waste generation and diversion. The target of 85% diversion is inspirational and indicates councils address this waste stream as a priority. I hope this is the case.
12. Section 8 generally needs more detail and specific actions but some key issues are listed below.
13. Method 1.1.2 – It's great to see event waste targeted. Since Green Waste to Zero no longer accept compostable plates, cups and utensils we do not have the capacity to compost those or the food waste from events. Investment in solutions for dealing with event waste – in terms of systems, resources (paid contractors and physical resources), commercial food waste composting capacity etc. needs urgent investment from councils. Initiatives such as Waste No More and Community Compost should be able to apply for funding and support from councils through an open contestable fund. The need is much greater and more urgent than just developing strategies and resources.
14. Method 1.1.4 – there is duplication here – two methods with the same number.
15. Method 1.2.2 – indicates that council officers will be employed to work on programmes – why limit these activities to council employees? I thought the thrust of this plan was to work with community. Initiatives happening within the community should be supported where they meet council criteria and deliver to the WMMP and development of further community-led initiatives should be encouraged. A budget needs to be assigned to support such initiatives.
16. Policy 1.4 doesn't have an associated method.
17. Method 2.1.3 – it's good to see CDS mentioned as a possible product stewardship scheme to support but this method should be more specific about others to be supported. Councils should know by now what their priorities are for Product Stewardship schemes, and these should be presented in this plan so that the community can have an input.
18. Method 4.1.1 – talks about upgrading and improving the MRF to accommodate demand but what about quality? I know that the commodity market has tightened – isn't there a need to improve the quality of the separation of recyclables at the MRF? Has this been investigated?

19. Policy 4.2 – this is a critical policy that needs some focus and attention. The methods are needed but councils need to allocate some targets so that the performance on these methods is measured.
20. Method 4.2.5 - there is duplication here – two methods with the same number.
21. Policy 5.2 – what about the number of separation facilities available – should they not be reviewed? I.e. child car seats, collection of recyclables from commercial customers should be possible – with payment facilities rather than expecting them to have to use one of the waste companies. That is a known barrier to businesses recycling – particularly construction companies.
22. Method 7.2.1 – the services available for hazardous wastes from households and commercial customers should be reviewed. I believe that council should collect all types of batteries for instance, even if there is a charge. Also there needs to be more guidance for commercially generated hazardous waste to ensure the options are very clear and easy to access – i.e. a big improvement in the council websites and perhaps even consideration of offering more charged services for commercial customers through the transfer stations and RRCs.
23. Method 7.4.1 – what about subsidising to achieve environmental outcomes? Is that covered under the term public good? Obviously producers should pay through product stewardship schemes whenever possible but there may need to be interim solutions, perhaps with funding from the MfE WMF.
24. General – what about disaster management? We will get a big earthquake sometime. After my involvement in supporting the community of Kaikoura after their big earthquake I recognise the need for detailed waste management processes after a disaster. Plans were developed after that earthquake and these should be investigated for use in our region so we are prepared.
25. Section 10 – It is not good enough to indicate that a contestable fund may be provided. I believe a fund, such as that provided by Auckland Council would be a great way to support the many initiatives that are coming out of the community, such as the Nelson Environment Centre's Kai Rescue and electronic waste recycling, Ben Bushell's Community Compost, Lani Bee's Boomerang Bags etc. It will also make it easier for initiatives like those to get started. Many die an early death because there is no support to allow them to develop. The fund would also act as leverage to access funding from other sources including MfE. I am aware that funds may be available for some initiatives but forcing the community to go through the annual or long term plan processes makes these funds hard to access and cost to councils of managing them in this manner must be far greater. Reference below a Media release from Auckland Council (September 2016) about their WMIF
26. Section 11. I believe there should be more targets set so the WMMP outcomes can be measured, assessed and managed. Without these in place we are likely to drift along for another 6 years without any great change.

Appendix: Reference re point 25



## Media release

### **‘Zero Waste’ fund open for innovative ideas**

Applications open in September for Auckland Council's Waste Minimisation and Innovation Fund (WMIF) for innovative ideas for reducing waste to landfill. This year, for the first time ever, funding will also be available from a Council Love Food Hate Waste (LFHW) Fund - specifically for ideas targeting food waste to landfill.

Waste Solutions Manager Ian Stupple says the fund is a chance for Aucklanders to get backing for their waste minimising ideas.

Since the first WMIF funding round in April 2013, approximately \$2.2 million has been distributed to over 220 projects.

"Innovative thinking around new waste solutions is key to our goal of zero waste by 2040. Since WMIF started we have seen some great initiatives in our key priority areas – some of which have been developed into long-term sustainable ventures. With grants from \$100 to \$50,000 I would encourage small and large scale groups to get on and apply," says Mr Stupple.

WMIF provides up to \$500,000 a year to seed innovative waste solutions from businesses, iwi/Maori, education and community groups. The fund supports activities such as feasibility studies, pilots, surveys, education programmes and workshops, as well going towards new equipment.

Take My Hands is a charitable organisation that collects medical equipment and resources that can no longer be used in New Zealand and redistributes it to organisations that work with those in need in the Asia Pacific region. Managing Trustee Janette Searle says the WMIF grant of \$5,000 enabled Take My Hands to develop a much-needed inventory tracking system.

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"Take My Hands utilises spare capacity in the transport and logistics chain through the support of our partners, minimising waste across the board. As we grew however, we needed an inventory tracking system to ensure everything is accounted for. The grant has enabled us to develop a system to keep control of what medical equipment we have, who it is going to and when," Janette says.

The council's LFHW Fund will also provide grants to reduce waste to landfill but specifically for ideas targeting food waste. This is part of a New Zealand-wide campaign, to reduce food waste going to landfill. Food waste is a massive issue in New Zealand with around 40% of the average rubbish bin or bag made up of food waste. Grants of up to \$1000 are available from this fund.

The team are looking for innovative local ideas to raise awareness and support Aucklanders to make the changes required to reduce food waste, for example through cooking and budgeting skills workshops and savvy shopping and storage techniques. The LFHW Fund will have a quick turn-around as activities which will occur in the campaign's launch period in November will be prioritised.

The September round for both funds is open from 1 September, and closes at 8pm on 30 September 2016. Aucklanders are encouraged to apply for either fund or both.

For more information visit [www.aucklandcouncil.govt.nz/wmif](http://www.aucklandcouncil.govt.nz/wmif), email [aucklandwastefund@aucklandcouncil.govt.nz](mailto:aucklandwastefund@aucklandcouncil.govt.nz) or call 09 301 0101.

**Ends**



*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan – Submission #19275

**Ms Velma Vermaat**  
Managing Director Handle With Care

velma@handlewithcare.nz

119 Brook Street The Brook  
Nelson 7010

02102970421  
02102970421

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	5. What changes have you recently made to reduce your waste?		I already separated my glass, paper, and decompostable waste (chickens or wormfarm), but recently I have put my rubbish bin outside, so it is harder to access. I only have a small reused margerine container to put some rubbish in and I have hang up a bag to put the soft plastics to hand back to the New Worlds. I am truly amazed how little waste I have left. I think providing people with more options to separate waste, and reducing the amount that they can put outside may help to reduce waste overall.
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		Assist and insist in people separating their waste. There are still quite a number of residents who don't separate their waste. It is only a small effort to put the waste in the correct places. In addition, I still think it is the retailers not providing all this waste, and putting a cost and the burden on them to clean it up. Accepting the plastic back or being able to take the goods without the packaging.
Nelson Tasman Consultation	8. Do you have any other comments?		In other countries, it is quite normal to pay an extra cost to pay for the waste disposal at the end of its' lifetime when you buy a large item (fridge, washing machine, etc). So when you buy a new item, the seller takes the old item to dispose of responsible since it has already been paid for. Would this be something that could be implemented locally?

Printed: 18/09/2018 14:54

*Acknowledged*

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19276

**Mr Ben Bushell**  
Owner Manager Community Compost

info@communitycompost.co.nz

75 Toi Toi Street  
Nelson 7010

Speaker? True

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		Please find attached the Submission by Community Compost.

Printed: 20/09/2018 14:53

## Community Compost



Community Compost is a Nelson-based Social Enterprise focused on minimising waste that would otherwise go to the landfill, by safely composting food waste and compostable packaging.

Long term we aim to provide commercial composting solutions to Nelson's 21,000 households, and to partner with Nelson organisations, businesses and events that generate organic waste.

Given that the current and projected Nelson landfills have a relatively short lifespan and that according to page 5 of the Nelson Tasman Waste Management and Minimisation Plan 14% of the waste material disposed to landfill in Nelson Tasman (2012) is food waste, we have been pilot-testing ways to significantly reduce urban-generated organic waste currently being directed to landfills. We are accomplishing this through organic waste recycling, and generating compost which we sell back to the community.

We are ready for the next stage of pilot testing in which we have designed a modular organic waste processing plant that will be able to provide compost to the local community using a circular economy business model.

In consultation with a number of specialists, we have designed a commercially viable solution to minimise waste in Nelson which generates a safe and valuable product for the consumer, will provide jobs, extend landfill capacity, and provide economic benefits to the city and environmental benefits to Nelson's invaluable natural environment.

We are seeking assistance in establishing the first modular processing plant to take this enterprise to the next stage. With strong community support and fast growing demand, we are in a perfect moment to make these decisions with confidence.

### THE STAGE 1 PILOT

This has been running for the last 8 months. We are now consistently:

- Collecting 350-400kgs of food waste per week from 6 businesses and 23 households.
- All work undertaken is voluntary. However, demand is outstripping our ability to process the volumes now being supplied, which requires us to upscale our infrastructure.
- We charge \$5.50-\$8.50 per bucket depending on the bucket size. We offer various collection solutions to accommodate most homes, restaurants, cafes, events and businesses.
- All of our income goes towards operational overheads such as transport, buckets and labels, health & safety PPE, and website maintenance.
- There is no profit margin at this time. We have revised our business model, but it requires more organic waste volume to make it economically viable.
- We are experiencing demand way beyond our current capabilities and regularly need to decline contracts.

### STAGE 2 PILOT

We have designed a modular compost processing facility in conjunction with a range of specialists, including engineers, manufacturers, electricians, computer programmers, biologists, soil scientists and business advisors. The systems and plant designed are based on industry best practice in Europe, USA

and Australia where this type of service is further established already, and on the requirements of local regulations.

The modular processing facility will be able to compost organic waste from up to 1000 households at a time. As we grow, the facility can be expanded and be replicated throughout the city to maximise collection and distribution efficiency.

The facility requires a 200m<sup>2</sup> site accessible by truck from the road. The processing machinery, including two industrial waste shredders and a bucket washer, is to be housed in a 100m<sup>2</sup> building and the bio-reactors (The Twin Reactors™) will stand outside with the bio-filtered exhaust unit.

The facility is designed to meet all resource management requirements and can be expanded to meet future demand.

At capacity this first facility would employ 5 full-time workers, divert 520 tonnes of food-waste from landfill per year and generate 300 cubic metres of high-grade chemical-free organic compost per year.

**Initial financial investment for Stage 2 facility development, to cater for up to 1000 households is as follows (+GST):**

Facility Requirements:		
	Quantity	
Twin Reactors™ and Control Unit	1 Pair	\$179,000
Industrial Shredders and connecting Conveyors	2	\$89,000
Collection Vehicles, including customisations and sign writing*	2	\$90,000
Industrial Tunnel Washer	1	\$16,000
Food-Safe Heavy-Duty Collection Buckets, Lids and Labelling	2100	\$21,000
Bio-Ventilation System	1	\$23,500
Office Equipment, Website and Software		\$22,000
Installation and establishment costs.		\$ 20,000
Facility Building Requirements are as follows:		
3m high roof		
Sealed concrete floor		
Large roller doors		
3 Phase Power Supply		
Water supply		
Grey and Black water sewerage.		
Road access by transport truck		
<b>Total:</b>		<b>\$440,500</b>

\*Two dedicated collection vehicles are not required until 500 homes are served. The second vehicle will be purchased when demand requires it. It is more economically viable to use contracted couriers during expansion and growth, as this allows significant flexibility.

Flexible Expansion is a major benefit of this design model. An extra Pair of Twin Reactors™ can be added to an existing facility to double its capacity. If the location foot print is large enough, multiple Twin Reactors™ can be added. (50m<sup>2</sup> is required per pair)

For expansion - One pair of Twin Reactors™ costs \$150,000 (they would share the same control unit as the first pair.)

The WMF is likely to fund further expansion as it meets all application criteria.

We request recognition, collaboration, support and financial and land assistance from Nelson and Tasman City Councils in establishing the first composting facility. We will also be submitting an application to Tasman District Council and the Central Government Waste Minimisation Fund to assist with this proposed Stage 2 development and future expansions.

### SHORT TERM

To continue to operate as we are and expand by 100-150 homes, we need the following:

- A van to run our collections. (Toyota Hiace for example).
- 100m<sup>2</sup>+ Land with 100m<sup>2</sup> lock-up storage shed/shop/office, water, power, sewerage and roadside access in Tahunanui.
- \$40,000 1 x Industrial Shredder
- \$20,000 Tractor with front loader.
- \$10,000 for 10 Concrete Curing Bays with roof.
- \$5000 to purchase enough Buckets to serve another 100 homes and businesses.
- \$1500 for PPE for Volunteers and staff.
- \$2500 for Thermometers, Tools and Equipment.
- \$2000 Stainless Steel Industrial Bench with Sinks for bucket washing.
- \$500 Advertising.

### LONG TERM

Safe, efficient and sustainable commercial composting inline with best industry practices from leading composting counties around the world.

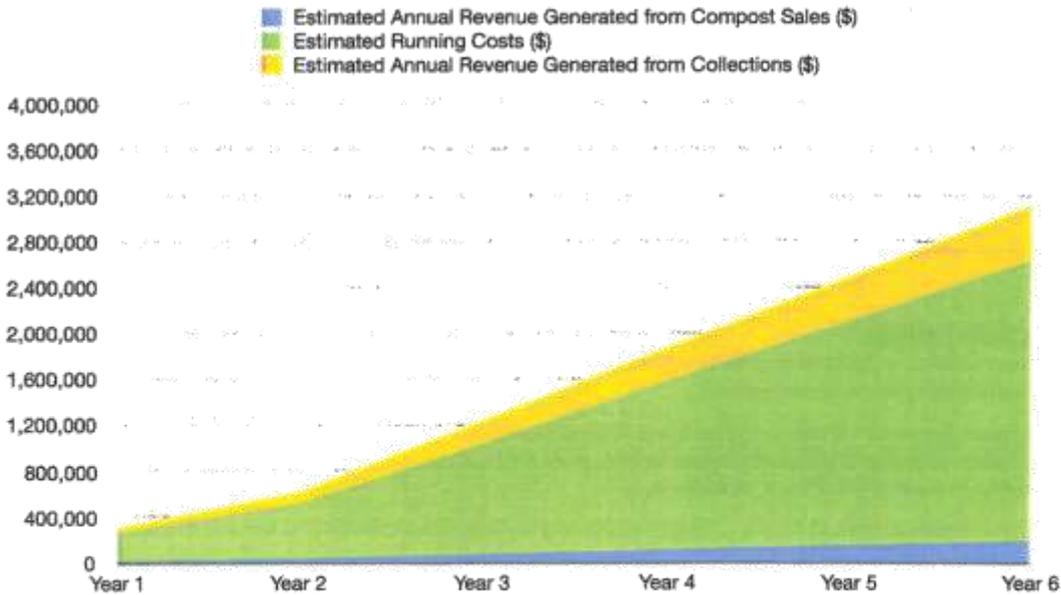
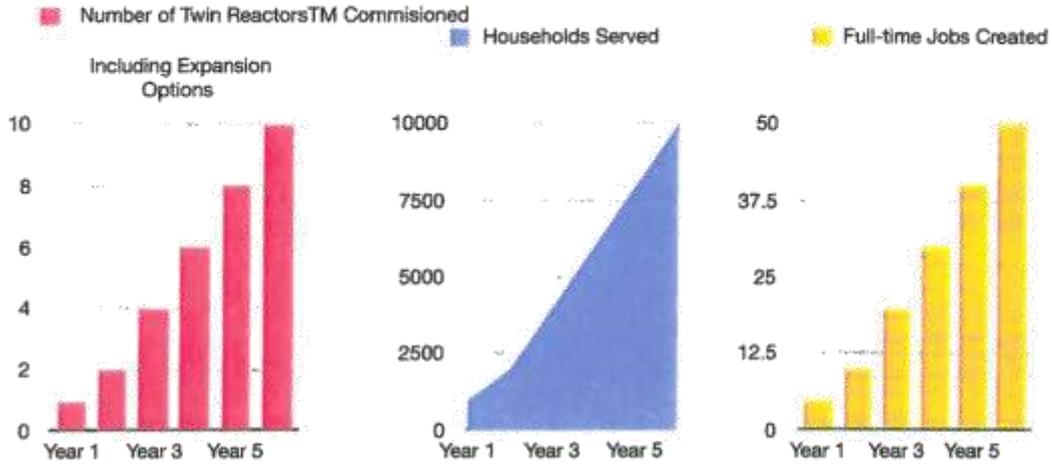
We are in the perfect moment to establish a small pilot facility in Nelson and Tasman. The affordable expansion options and low-impact characteristics allow for strategic placement of further facilities, in and around the city and urban developments.

Our incremental growth, circular economy business model effectively covers running costs and focuses on self-sustainability.

**We invite Nelson and Tasman City Councils to Collaborate with us.**

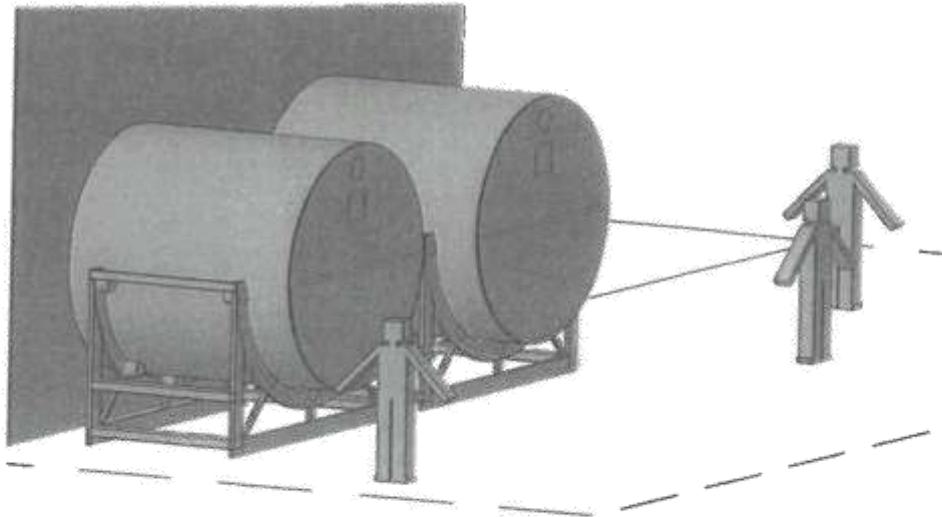
Page 3 of 7

**COMMUNITY COMPOST'S NELSON FORECAST PROJECTS FOR THE FIRST 6 YEARS WITH OPERATIONAL FACILITIES**



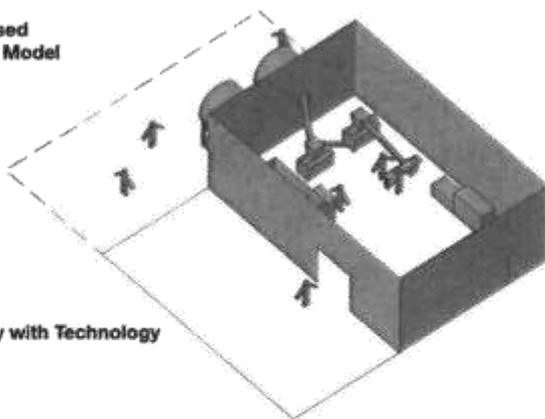


**The Twin Reactors™**



**In-Vessel - Continuous Batch Composting System**

**Circular Economy Based Sustainable Business Model**



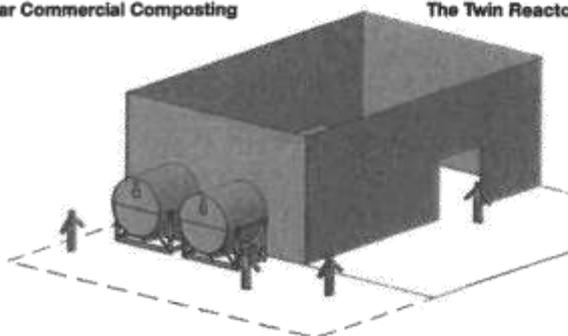
**Combining Community with Technology**

**Creating Jobs**

**Achieving Efficiency**

**Modular Commercial Composting**

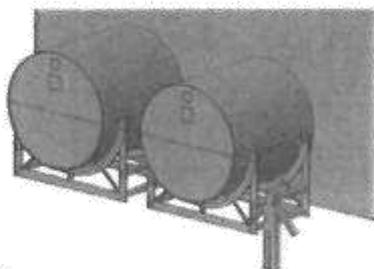
**The Twin Reactors™**



**Meets NZ, US and European Standards**

- Self Contained Modular Facility
- Easily Replicated at convenient locations
- Allows for easy city-wide expansion
- Allows for Urban Planning efficiencies
- Allows for affordable budgeting

**10 Cubic Meter Capacity  
250-1000 Homes**



- Processing Food Waste
- Producing Safe and Superior Compost

### **Closing the Circle**

**Growing food from our compost & running workshops and community engagement projects.**



### **Closing the Circle**

**Providing affordable compost and plants to the same community.**





*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19277

**Mr Carlo Wiegand**  
WasteNoMore Nelson Whakatu

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Nelson 7010

Speaker? True

Department	Subject	Opinion	Summary

Printed: 10/20/2018 11:51

**WasteNoMore Nelson Whakatu - Draft Submission to Nelson Tasman WMMP**

**Name:** Carlo Wiegand

**Organisation:** WasteNoMore Nelson Whakatu

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**Address:** 30 Konini Street, Nelson 7010

**Phone:** 021 122 9439

**Background**

WasteNoMore has been diverting waste from events since 2012. Born from the Nelson Arts Festival crew, we have on average worked 6 to 10 events annually, and have increased our efforts last summer to cover most of the big summer events in Nelson such as the Masked Parade/Carnivale, Kai Fest and Marchfest. The kaupapa of this is twofold; our passion and drive to divert landfill, and to educate the public about the principles and application of zero waste.

We are a social enterprise but currently we are a community group with no legal structure.

We commonly divert about 2/3 of an event's waste to compost and recycling. Per year we have diverted about 5m<sup>3</sup> of waste from landfill. Of that, about 3.5m<sup>3</sup> goes into compost. Recently we've had troubles finding processors for our compostable items. For many years 'Greenwaste to Zero' in Richmond took all of our compostable items, but since a change of ownership last year this hasn't been possible. Thanks to 'Community Compost' we have still been able to process all of our food waste but none of the items that need industrial composting. Community Compost has had their own challenges which at times made the viability of WasteNoMore's services questionable.

**WasteNoMore wishes to speak to our submission.**

The following sections are based on the questions asked in the Council's Submission Form

**1. Section 5 and 6 of the plan sets out our vision and our goals.**

**Do you support the vision and goals of the plan?**

The current vision of the document is too weak. We believe Council should pledge to the vision of Zero Waste. Both Councils had signed up to the Zero Waste by 2020 vision, but this was never realised. Auckland Council reaffirmed their vision to Zero Waste in 2012, with the target of 2040. It is time Nelson Tasman did the same.

We do support the Goals. But there's no tangible plan there. The goals should be SMART (Specific, Measurable, Achievable, Realistic and Timely) and there are no concrete initiatives. I.e. reduce food waste by increasing the use of compost. There should be clear goals and timeframes set.

There have been good initiatives from councils (we have mostly dealings with NCC) but there's been some standstill in supporting community initiatives and **making the Waste Minimisation Fund accessible to them**. We also believe Councils should have targets that are specific to waste generated from within Council operations, as well as waste generated regionally.

**2. Section 6 of the plan also sets out the councils' guiding principles.**

**Do you support the guiding principles? Are there any missing?**

Yes, we support the guiding principles, with the addition of one more – Zero waste through the support of a circular economy model.

**3. Section 8 of the proposed plan sets out goals and objectives for all of our community.**

**Do you think we have the right objectives? Are there any missing? Are they achievable?**

The problem with the objectives is that they cannot be measured, and we cannot judge if they have been achieved. What's the improvement to the last plan?

The main change seems to be moving the emphasis away from Council onto the community. This isn't good enough. We agree that waste requires community involvement in finding solutions but, yet Councils have not involved community in developing the plan. We need to know what Councils will do, what they expect from the community and how they will facilitate community involvement. You own the plan and have the resources to implement it, we don't.

**4. Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan.**

**Do you think we have these right? Are there any missing? Will these help our community to reduce waste?**

Areas falling short:

Policy 5.1 should include the means to divert organic material (i.e. food waste) from landfill. Simply a review of options for organics is not good enough.

Policy 1.2 Council should implement zero waste requirements at all council facilities. It should cover all stadiums, sports facilities, Founders, community halls ect. Included in the

hire agreements should be written obligations for all event holders to make every effort to minimize waste.

Otherwise the policies are on the right track, but there is not enough accountability.

**5. What changes have you recently made?**

We have run about 15 events last year and cover the biggest events in Nelson and beyond. From previous years we have increased the number of events by about 30% and the number of helping volunteers easily by 200%.

**6. What changes are you planning to make?**

Our focus over time has shifted from recycling to compost, and now to truly achieve zero waste we need to move towards reusables. Hence, we would like to introduce 'wash against waste' at events with a purpose-built trailer. Instead of the stallholders using disposable serving utensils the 'wash against waste' station would provide a reusable solution.

We have drawn up plans and secured investments which will pre-fund about half of the actual wash station trailer. The cost of the trailer only stands at about \$18'500. Beyond that we estimate about \$6'000 to find the right structures for operation and the work behind the scenes to make the change and implement the 'wash against waste'.

Any support given by councils would be much appreciated. What we spearhead here is truly a community project that is very much in alignment with the Nelson Tasman WMMP, and indeed deserves some funding through the Waste Minimisation Fund. Yet, we reiterate, as a community group there's no formal way to apply for funding.

**7. What changes would you like the councils to make?**

Community initiatives like WasteNoMore and Community Compost should be given all possible resources. A Waste Minimisation Innovation Fund should be open to community initiatives. Create a transparent & contestable Waste Minimisation Innovation Fund – similar to Auckland Council (<https://www.aucklandcouncil.govt.nz/grants-community-support-housing/grants/regional-grants/Pages/about-waste-minimisation-innovation-fund.aspx>). AC funds their WMIF from the levy fund they receive from MfE.

Council should implement zero waste requirements at all council facilities and all other of their operations.

Set a Vision for Zero Waste with a target date. This will show Councils mean business and will show true leadership. It needs to be supported by a much clearer, measurable, achievable and targeted WMMP.

Give the WMMP some teeth. We need clear targets. We need to know how the targets will be met and we need to see reporting against those targets.

Work with the community to develop a robust plan that focuses the budget and resources in the key areas that will make a difference. The community needs to engage with this plan, they will only do so if they have been really involved rather than being offered a token consultation process after it has been developed.

*Acknowledged*

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19278

**Mr Klaas Van Maanen**

tksteams@gmail.com

326 Appleby Highway R.D.1  
Richmond 7081

Speaker? True

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		Yes I support the goals, but i feel compelled to advise a better solution in a five year plan for ZERO waste attainability

Printed: 18/10/2018 11:55

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan – Submission #19279

**Mr Kevin Walmsley**

kwalmsley@outlook.co.nz

25 Eban Road RD1  
Richmond 7081

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		Not bold enough - towards a Circular Economy by 2048 - refer attachment
Nelson Tasman Consultation	3. Do you think we have the right objectives? Are they achievable? Are there any missing?		Rewrite and put in meaningful and achievable targets - refer attachment
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		Be a leader and target zero Council waste by 2033
Nelson Tasman Consultation	5. What changes have you recently made to reduce your waste?		We have been active in avoidance, reduction, reuse and recycle for some time - always reassessing to do even better.  We hope council and businesses will aim for product stewardship as a no.1 priority so that the whole community will benefit
Nelson Tasman Consultation	8. Do you have any other comments?		Be bold - real goal Nelson Tasman, NZ's 1st Circular Economic Hub - refer attachment

Printed: 10/09/2018 11:55

Submission for Nelson Tasman WMMP 2018 Author: Kevin Walmsley

To Councillors

**Submission: Nelson Tasman Waste Management and Minimisation Plan 2018 – WASTED OPPORTUNITY**

What does a real goal look like?

**Massive boom set to corral Pacific Ocean's plastic rubbish**

"One of our goals is to remove 50 per cent of the Great Pacific Garbage Patch in five years," Slat said. (Reference: NZ Herald article of 10 September 2018 on cleaning up the Great Plastic Garbage Patch the size of Texas  
[https://www.nzherald.co.nz/technology/news/article.cfm?c\\_id=5&objectid=12122052](https://www.nzherald.co.nz/technology/news/article.cfm?c_id=5&objectid=12122052) )

To approve the proposed plan in its current form without meaningful measurable goals is a **WASTE!**

The two Councils have the opportunity to take a real meaningful stand on reducing and eliminating waste in our region with achievable tiered targets over a set period of time.

Instead, the proposed plan has an overall outcome of business as usual with minimal changes from 2012; a follow the pack, wait and see mentality. Current AMP targets are virtually unchanged which mean the proposed WMMP has no real vision.

This is the chance to actually achieve something and to make measurable changes that have the potential to create substantial economic gains for our region. It's time to be bold; to be leaders – lead the pack and proactively work in with Central Government!

What's up for grabs?

**NZ as a Circular Economy – the government needs a leader – be its Champion**

With substantial backing available from government, the Nelson Tasman region has a prime opportunity to be ambitious, proactive and to be the first – be the leader as NZ's first province to become a true circular economy. Nelson Tasman should work with government, industry and community to achieve:

- The lead NZ Circular Economic Hub
- Zero waste by 2048 (30 year vision)

If the Councils want to show true leadership then a unit dedicated to achieving a circular economy with a combined waste budget and full resources acting for both Councils must be established. As there are potential commercial opportunities a standalone CCO should be considered.

How to achieve this?

Be proactive. Plans already exist. The hard work has already been done – use this information to establish an aspiring vision for Nelson Tasman.

Submission for Nelson Tasman WMMP 2018 Author: Kevin Walmsley

International initiatives towards circular economies are already active in parts of the world. The Ministry for Environment has links for active plans from London, Finland and the Ellen MacArthur Foundation. Auckland has a vision of Zero Waste by 2040 – adapt or adopt it.

**Rewrite:**

Our shared vision is:

The communities of the Nelson Tasman region work together to value resources and eliminate waste

Our three goals are:

The Councils will, with the community:

- avoid the creation of waste
- improve the efficiency of resource use
- reduce the harmful effects of waste

**Suggested New Vision (be bold; be a leader)**

Nelson Tasman region: NZ's champion Circular Economy

**Aim**

- NZ's Circular economic leader (be the first!)

The first step to put into action is put in place real targets that work towards **Zero Waste by 2048**.

Councils are able to cherry pick the best initiatives from the comprehensive plans clearly laid out by Auckland and London cities, and other international locations.

If Councils are truly serious about waste minimisation, or even better working with central government to create and maintain a circular economy then a dedicated person should be appointed with budget and access to Councils' full resources to implement and manage the plan.

**Rewrite of Goals and Inclusion of additional objectives**

Break the mould – 3 goals, 9 objectives is effective but not sacrosanct when writing reports. Be different.

4 Goals (mix of Auckland, London and NCC/TDC plans)

Councils and community working together towards NZ's first circular economy:

1. Nelson Tasman – NZ's first Circular Economy by 2048
  - Product stewardship no.1 objective
  - Work with Central Government to

2

Submission for Nelson Tasman WMMP 2018 Author: Kevin Walmsley

- i. Implement circular economic goals and targets
  - ii. Incentivise the region as a base for onshore processing of waste
    - Research initiatives already in place internationally
    - Actively work and plan with community
    - Fund initiatives – put a figure on Grants
2. Avoid the creation of waste
  - Make the key objective **product stewardship** – tackle the sources of waste
  - Councils lead by example – audit all Councils’ activities and set initiatives to avoid not only solid waste but all waste (lean)
  - Actively engage with producers of waste throughout the whole supply chain (goods and services)
  - Actively promote funding availability – current \$2m waste minimisation fund plus transfer of budget from lowered expenditure costs as an outcome of less waste generation
3. Maximise opportunities for resource recovery
  - Councils lead by example with purposeful yearly targets of waste reduction from Council activities – achieve operational efficiencies in Council’s domestic waste and recycling services
  - Develop infrastructure and processes to enable resource recovery
  - Identify local economic development opportunities through resource recovery
4. Reduce harm from residual waste
  - Adopt Auckland’s objectives

#### What can be implemented immediately?

- Get Central Government on board – test the waters; put up a strong case and challenge government’s commitment towards a NZ as a Circular Economy; seek funding from the Waste Minimisation Fund and Provincial Growth Fund
- Appoint a dedicated Circular Economy representative with budget and initial planning outcomes
- Implement a plan for a 30% reduction target in waste from Council activities over the next 12 months
- Plan for elimination of potentially all Council wastage before 2048 – say by 2033
- Establish a joint Council procurement strategy around product stewardship and collaborate with suppliers, contractors and other organisations who embrace product stewardship
- Engage regional businesses and community groups on product stewardship development and implementation
- Review and research reprocessing systems for each waste category and engage business
- Get NMIT on board – establish a dedicated course inclusive of a paper to develop viable circular economy projects.

Treat waste (trash) as treasure; an opportunity rather than a problem!

Author: Kevin Walmsley [kwalmsley@outlook.co.nz](mailto:kwalmsley@outlook.co.nz)

*Acknowledged.*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19282

**Miss Amme Hiser**  
NatureWorks

amme.hiser@gmail.com

75 Toitoi St  
Nelson 7010

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		

Details: 4800048 44:50

**NatureWorks****Submission to Nelson Tasman WMMP****Name: Amme Hiser****Organisation: NatureWorks****Position:****Email:** amme.hiser@gmail.com**Address:** 75 Toitoi St,**Phone:** 02041137511**Background**

I manage the stallholders at various events such as the Masked Parade, Light Nelson, Opera in the park and others.

Each event can produce tons of waste and for years we have been training the stallholders and event goers to only use compostable serving materials and along with waste no more training the punters on which bin to put it in.

The following sections are based on the questions asked in the Council's Submission Form

**1. Section 5 and 6 of the plan sets out our vision and our goals.  
Do you support the vision and goals of the plan?**

I believe Council's should go back to the vision and goal of Zero Waste! The current Vision is too weak and undeterminable if achievements have been made. Both Councils previously signed up to the Zero Waste by 2020 vision, but this was never realised. Auckland Council reaffirmed their vision to Zero Waste in 2012, with the target of 2040. Lets follow Aucklands example and keep aiming for our ideal outcome!

I support the idea of the Goals. But there are no tangible plans or how to achieve the goal out comes. The goals should be SMART (Specific, Measurable, Achievable, Realistic and Timely) and there are no concrete initiatives. I.e. reduce food waste by increasing the use of compost. We need to include should be clear goals and methods for each type of waste and timeframes set.

Be 100% supportive of community businesses and initiatives to establish themselves and assist in the reduction and reuse of waste! This will not only encourage community involvement and motivation through their networks etc but also create economic benefits

to the region. With China removing its acceptance of plastic recycling we need to find and set up local businesses that will deal with the materials here in NZ. There is a business in Wellington taking #1 plastic, Nelson could be establishing businesses of National importance here!

Continue and increase support for community initiatives and business startups to **make the Waste Minimisation Fund accessible to them.**

I also believe Councils should have targets that are specific to waste generated from within Council operations and events, as well as waste generated regionally.

**2. Section 6 of the plan also sets out the councils' guiding principles.**

**Do you support the guiding principles? Are there any missing?**

Yes, I support the guiding principles, with the addition of one more –economic and legislative support of a circular economy model with Zero waste as the goal.

**3. Section 8 of the proposed plan sets out goals and objectives for all of our community.**

**Do you think we have the right objectives? Are there any missing? Are they achievable?**

The objectives are good however some measures and goals need to be added so we know if they have been achieved and how they will be enacted and how did we do against the previous JWMMP. This could be in the form of percentage of diversion rates, or number of programmes/attendance at programmes, community and business commitment schemes, etc

The emphasis seems to be moving away from Council onto the community. This isn't good enough. IF this is happening then council needs to provided the resources and support to take on this responsibility. I agree that waste is a community-wide issue that requires community involvement in finding solutions but this means Councils need to involve community in developing the plan and then providing the resources to support them. We need to know what Councils will do, what they expect from the community and how they will facilitate community involvement and what resources and support can be provided for this. You own the plan and have the resources to implement it, we don't.

**4. Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan.**

**Do you think we have these right? Are there any missing? Will these help our community to reduce waste?**

Policy 5.1 should include means to divert organic material (i.e. food waste) from landfill. As well as a review of options for organic facilities.

This also needs to contain provision and education to encourage conversion to bio plastics for businesses and community.

The circular economy needs to be brought in to the policy so the cost of the disposal is brought into the import cost/tax so the real cost of a product and disposal is included in the original price.

Policy 1.2 Council should implement zero waste requirements at all council facilities. It should cover all stadiums, sports facilities, Founders, community halls ect. Written down in the hire agreements should be the obligations for all event holders to minimize waste with all means.

Otherwise the policies are on the right track, but there is not enough accountability.

**5. What changes have you recently made?**

Over the last 3 years I have been working with No More Waste at council events to ensure all stallholders are only using compostable packaging and serving materials. Reusable plates and washing station would be the next step to zero waste. People and stallholders are keen and getting really good at it and are on board for more.

**6. What changes are you planning to make?**

Clarify with stalls the difference in biodegradable and compostable packaging minimising waste where at all possible and bring in reusable plates trailer system to the events.

**7. What changes would you like the councils to make?**

Support local businesses to start up waste minimisation and recycling businesses.

Set up or facilitate a commercial composting system or series of composting facilities that accepts bio ware and food scraps. Community Compost are willing to collect the organic waste and event waste.

The land fill in the long term planning should potentially collect the methane and have a solar system to run the turning machines or vehicles so all landfill material is composted and methane minimised as much as possible. This would also reduce the cost to the council in the disposal of green waste and could potentially be utilised/run by Nelmac saving money on compost.

Continue to have a zero waste focus at all council events and facilities.

Create a transparent & contestable Waste Minimisation Innovation Fund – similar to Auckland Council (<https://www.aucklandcouncil.govt.nz/grants-community-support-housing/grants/regional-grants/Pages/about-waste-minimisation-innovation-fund.aspx>). AC funds their WMIF from the levy fund they receive from MfE.

Set a Vision for Zero Waste with a target date. This will show Councils mean business and will show true leadership. It needs to be supported by a much clearer, measurable, achievable and targeted WMMP.

Give the WMMP some teeth. We need clear targets. We need to know how the targets will be met and we need to see reporting against those targets.

Work with the community to develop a robust plan that focuses the budget and resources in the key areas that will make a difference. The community needs to engage with this plan, they will only do so if they have been really involved rather than being offered a token consultation process after it has been developed.

Work with government and the other councils and facilitate the packaging, waste and composting industries to talk, getting local legislation for reusable materials and businesses in place and compostable plastic replacement wherever possible.

Get more recycling bins around town, funding for programmes of Community Waste Education, business initiative support, circular economy initiatives and reduction programmes to ensure the community continues to feel empowered and sees waste as a resource and a treasure not a problem! There are businesses in Wellington and other areas washing and recycling PET (#1) plastic which does not lose its structure and can be recycled multiple times. Or Raglan's xtreme waste business diverting 75% of their waste from landfill, whilst making a profit, creating a usable resource, local jobs and saving money!

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19284

**Mrs Marina Hirst Tristram**  
 Managing Director Tasman Bay Food Group

marina@tasmanbay.co.nz

61 Factory Rd  
 Brightwater 7022

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		<p>Yes, I support the vision &amp; goals of the plan. It is important that these goals are effectively &amp; clearly communicated to all stakeholders in the community. I think the general public is well engaged now, but more focus can be put on commercial activities/businesses that are creating over half of the waste.</p> <p>Timing is important and the current ground swell around waste minimisation and recycling is a great opportunity to share the goals of this plan and gain some action.</p>
Nelson Tasman Consultation	8. Do you have any other comments?		<p>A few general comments:</p> <ul style="list-style-type: none"> <li>- I think there is opportunity to engage more with businesses who may not even realise the extent of the waste they are putting in landfill. You could set up a self-audit template for businesses to use so they can better understand their contribution and also the options they have to improve.</li> <li>- For business there are both financial and ethical considerations. Most businesses want to improve so just need some tools/information.</li> <li>- Consider being a leader in utilising a technology solution to create a recycle/reuse system outside of council ... such as WasteKea developed by the Tasman Bay Food Group team at HackNelson event. This has potential to bring together community &amp; business and build networks/scaleability to recycling/reuse opportunities.</li> <li>-Share success stories around the region, inspiring others to do a better job.</li> </ul>

Printed: 10/09/2018 10:00

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19287

**Mr Mike Henare**  
CEO Waste Transformation Limited

mike@wastetransformation.co.nz

C/O Raukawa ki te Tonga AHC, 144 Tasman Road PO Box 15012  
Otaki 5512

Speaker? True

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		Yes. Please see attached.

Deleted: 48000048 48:00

**WASTE TRANSFORMATION LTD****Background Document for Nelson/Tasman Waste Management and Minimisation Plan****Introduction:**

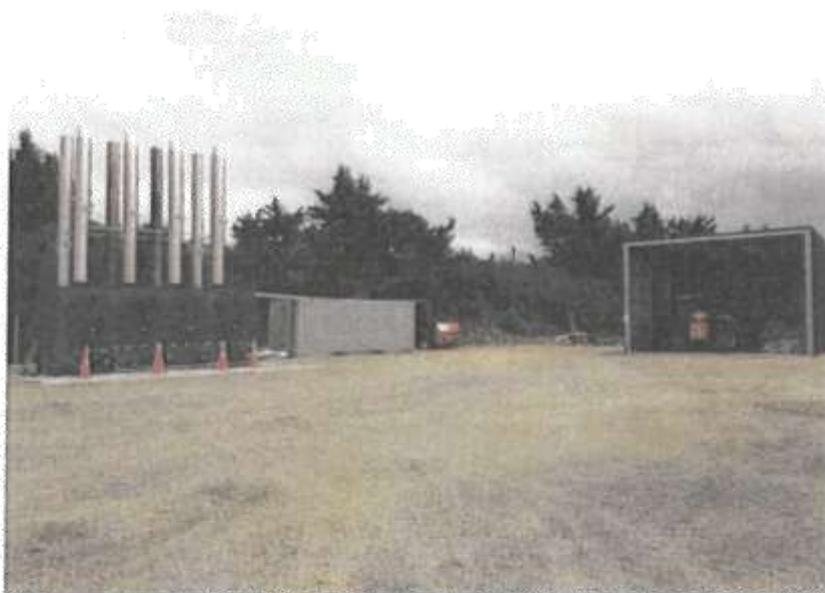
This document is presented to provide an option to the joint Nelson/Tasman draft Waste Management and Minimisation plan for the diversion, processing and re-use of waste timber.

**Background:**

The commercialisation of Waste Transformation Limited (WTL) is currently predicated on the success of the Proof of Concept (PoC) business opportunity at the Redruth Resource Recovery Centre at Timaru (Landfill).

This PoC is based, in the first instance, on the processing of waste timber and the sale of charcoal, which is the single bi-product of the pyrolysis of timber.

The business case for Timaru is now proven. The plant is currently diverting all recoverable waste timber from the landfill. Discussions are now taking place with surrounding districts to process their waste timber through the Timaru plant to help improve the economics,



Timaru Plant – Redruth Resource Recovery Park

**TDC Testimonial**

*"Timaru District Council (TDC) is strongly supportive of Waste Transformation Ltd (WTL) operations, and endorse the pyrolysis project as an important development in resource recovery.*

*TDC and WTL signed a Memorandum of Understanding in 2014. This granted WTL the right to establish a business site at Redruth Resource Recovery Park. The site has been carefully developed with full consideration given to Health and Safety of the operation and equipment. The processing is carried out under a consent with Environment Canterbury. WTL have done this at their own cost and carry the risk for the venture in respect of the viability of the operation. TDC is not directly responsible for the supply of timber and cannot guarantee a nominated quantity. However, TDC is obligated to use our best endeavour to promote the project, and collaboration has been actively pursued. TDC has referred many enquiries to WTL, has promoted the diversion of timber to neighbouring councils and local builders, facilitated site visits from interested parties and have issued some local media statements. TDC collects the charges for timber at the weighbridge on behalf of WTL, as well as paying for the processing of timber from the transfer station as a customer.*

*WTL's pyrolysis processing provides a valuable solution for a mixed-timber waste stream, i.e. including a portion of treated timber. A 2011 SWAP audit indicated that 18% of our landfill waste was timber, and a proposal was put to Council for a waste sort facility to be built in 2017/18. This was approved, subject to data being validated. A 6-week trial in 2015 determined a working methodology and identified that 46% of the diverted material was timber. This result underscores the importance of having a solution for resource recovery for timber. A 6-9 month trial will start in late 2016 to confirm the potential diversion volumes. This trial will also enable TDC to supply WTL with more timber than is being diverted currently, with voluntary separation by the customer in the short term, and more timber in the long term if the waste sort facility is approved.*

*Mike Henare, and the WTL team have been very easy to work with and they also enjoy a good working relationship with the on-site contractors, Waste Management. TDC and WTL enjoy a collaborative relationship and will continue to work towards the effective diversion of a mixed timber waste stream".*

**The Technology:**

The plant uses the thermo-chemical process of pyrolysis. Pyrolysis is the mechanical decomposition of organic materials in the absence of oxygen. Pyrolysis plants are in operation internationally. What they are though is multi-million dollar plants with huge waste volumes to make them economic. Solid Energy (now sold) have been operating one of our plants in Huntly for over ten years making charcoal for the domestic BBQ market. There is no other plant in NZ in current operation that WTL is aware of. What WTL has achieved with its unit is scale in an industrial waste disposal framework the size of NZ's regions. The plant is transportable and designed to go to the waste stream not transporting those waste streams to a significant plant. The smaller batch process units also provide better control especially when dealing with problematic waste streams such as treated timber and tyres.

Our technology development partner, Massey University, have been part of this development and were the testing agency in establishing the effect of arsenic from CCA treated timber during the pyrolysis process. We have appointed a technical committee who advise WTL as it continues to develop. This team is made up of some of the top people in their fields. They are Senior Professor Jim Jones from Massey University, Professor Shu Shang Pang from Canterbury University (to be confirmed), George Hooper Senior consultant and chemist with Worley Parsons, Peter and Howard

Snoad principals of Engineering Company Crusader Engineering and Brett Oldfield a combustion engineer and owner of Combustion Control Limited in Auckland.

#### Waste Streams

Whilst at first the PoC focuses on one waste stream, timber, there is the opportunity in the medium term to accept other waste streams.

WTL has already processed end of life tyres through an operation it established in Foxton.

The economics of this operation were based on a certain volume of tyres and delivery of those tyres to the site. This has not eventuated and the economics cannot support payments through the current collection system where independent collectors are picking up tyres for export or stockpiling in hope of another solution.

As well the Foxton operation focused heavily on developing a "diesel like" fuel by condensing the gasses given off during the pyrolysis process.

Whilst a usable fuel was produced it proved somewhat volatile presenting issues with storage and transportation.

The fuel option has subsequently been abandoned and WTL are exploring ways of using the gases in other ways.

The business model of waste processing at the transfer stations and/or landfills is the model we are adopting rather than stand-alone units such as Foxton.

Recent experience in Blenheim suggests the general public are not yet comfortable with this type of technology safely processing CCA treated timber within the confines of the city. Also our largest potential customer for charcoal is a food processor and is reluctant to take charcoal with arsenic present. With this in mind we are currently separating out CCA treated timber from the timber waste stream. There is a commercially led project being developed to provide an alternative solution to processing CCA treated timber although this could be 12 months or so to completion. It involves recycling the copper, chrome and arsenic and will be headed by a PHD student out of Canterbury University (work scope attached).



**By-products:**

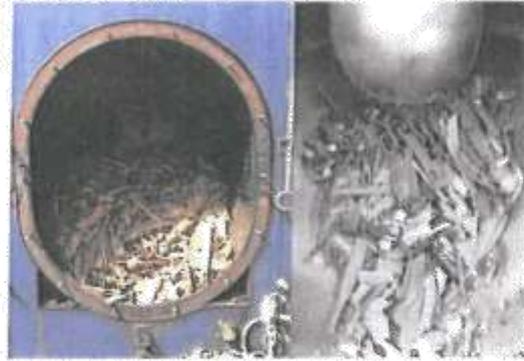
The main by-products from pyrolysis of timber is charcoal, a producer gas and potentially a tar. Charcoal can be sold as either a boiler fuel or a domestic heating fuel and the gas off the processes can be used to generate electricity or again as a fuel for a gas fired boiler. Where landfill gas to energy economics are marginal excess gases off waste processing could provide enough gas to change the economics.

The charcoal is clean burning, smokeless and has a higher energy value than wood or coal.

Recent discussion with ECANS suggests charcoal from the Timaru plant may prove a viable alternative to existing home heating fuels. While arsenic is present in the waste stream sorting and dedicated units mean the fuel has the potential to be sufficiently low enough in contaminants to not be a health hazard and as it is basically smokeless potentially provides a solution to air quality problems. Discussions are still to be completed but ECANS endorsement is being sort.

The charcoal market is already established in New Zealand with the majority of the product imported for sale. It tends to be all hardwood and sold mainly into restaurants and as a BBQ fuel. This is a niche market and priced accordingly.

With no reticulated gas in the South Island the home heating market tends to be wood or wood chip and coal. In this market fuel prices are significantly lower than the existing charcoal market and as our charcoal is from a waste stream it is this market our process targets.



#### Emissions

The Timaru plant operates well within workplace health and safety standards. ECANS have passed the site as complying with regulations. Although Treated timber volumes are much lower in Timaru this has been achieved with no gas filtering on the chimney stacks and the readings were taken at the stack and not at ground level where the regulations apply.

A consent has been lodged for a new plant in Blenheim. While we have been able to clearly demonstrate arsenic emissions are within guidelines public residents in the new subdivision closest to the landfill have used this as a means to voice displeasure at Council's performance and have effectively made the processing of CCA treated timber at the plant difficult, time consuming and expensive. The new consent is for demolition timber but excluding CCA. Public discontent would need to be taken into consideration when locating any plant processing CCA timber.

It must be pointed out the plant was designed and the consent addressed 100% CCA treated timber feedstock even though in reality this would never be the case. Even at 100% the modelling (carried out by Golder Associates) showed emissions effect on the public to be less than minor

There is a project planned in conjunction with Canterbury and Massey Universities, SWNZ and a CCA timber manufacturer to look at the possibility of recycling CCA chemicals (work scope attached).

**What's next:**

The owner of the waste stream at Timaru is the local council (Timaru District Council) with whom WTL have contracted access to the waste timber. It is a logical progression to extend this access to other waste streams thereby achieving critical mass at Timaru and achieving economies of scale by adding additional chambers (and possibly another kiln), and increasing processing hours and labour but not needing additional machinery or building space thereby improving the efficiency of the capital already invested.

The model of Territorial Authorities as owners of waste streams is prevalent throughout the country and a key part of WTL's strategy is contracting access to these waste streams. Discussions are currently underway with Blenheim (consent lodged), Dunedin and Kapiti/Horowhenua.

**Company Ownership:**

The company is predominantly Maori owned (Raukawa Ki Te Tonga – 58%). Spectionz Limited has 25% (predominantly Ngati Hine) and Kilnz Bio Energy (predominantly Ngati Raukawa shareholdings) 17%.

**Summary:**

The Nelson/Tasman region is similar to other territorial authorities where waste timber makes up a significant portion of the waste currently going to landfill. Not only does it take up space it is difficult to compact and breaks down over time producing gases and leachate.

The region also has a vibrant forestry sector where there is the potential to harvest forestry waste especially where there is potential to supply large quantities of charcoal for industrial use.

WTL has an established waste timber processing plant in Timaru. The economics of this plant included sales of the main by-product of the process – charcoal, as an industrial fuel (coal) replacement. Discussions are underway with both Fonterra and Pioneer Energy. As such these plants are best suited to regions with high waste timber volumes and high disposal costs. Smaller regions such as Timaru and Blenheim are commercially marginal because they have low waste timber volumes and low disposal options (local landfill). Timaru was chosen as a good proof of concept location as it had a progressive Council and a well organised and developing Resource Recovery Park, not for its commercial returns. The long term target however was always cities like Christchurch, not only for the earthquake related waste timber volume but owing to its size normal volumes are high. Cost of waste disposal is also high given it no longer has a local landfill.

WTL is currently working through a project with Marlborough District Council. We are also looking at a regional solution to the CCA treated posts predominant to the area through the viticulture sector. Nelson/Tasman has been regarded for some time as a potential target location with higher waste timber volumes and a significant forestry sector.

The region is also currently reviewing its Waste Management and Minimisation Plan. We thought it timely to present a potential alternative to landfilling waste timber for consideration as part of the regions waste plan.

*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19290

**Mr Bruno Brosnan**  
Environmental Manager Fulton Hogan Limited Nelson

bruno.brosnan@fultonhogan.com

121 Bolt Road Annesbrooke  
Nelson 7042

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	1. Do you support the vision and goals of the plan?		Fulton Hogan Ltd Nelson strongly supports the shared vision of NCC & TDC that all sections of the community, within both regions need to work collaboratively to deal with the issue of waste. Fulton Hogan also supports the stated goals of the plan but consider the goals should also include the addressing of current waste within our community.
Nelson Tasman Consultation	2. Do you support the council's guiding principles? Are there any missing?		As foundations of the NTWMMP, Fulton Hogan supports (in general) the guiding principles. Fulton Hogan feels that the principles, as they currently are, deal more with the generation of future waste and products than the issue of current/existing waste in our community. Guiding principles should also be included that deal with the current waste issues and point towards more recyclable waste material being incorporated into infrastructure projects, clean filling, composting (urban and commercial).
Nelson Tasman Consultation	3. Do you think we have the right objectives? Are they achievable? Are there any missing?		Fulton Hogan supports the goals and objectives stated in the document. We believe that the Councils have set a clear path to address the core of the waste problem by educating consumer choice and promoting a holistic view of products. Fulton Hogan also consider that these objectives could benefit by including support for innovation in waste reductions and recognition of community groups and/or industries for their efforts in waste reduction.
Nelson Tasman Consultation	4. Do you think we have the right policies? Are there any		Fulton Hogan believes that the Councils are explicit (through this plan) that the emphasis is upon behaviour change and education. But Councils are also major managers and developers

Printed: 19/09/2018 12:00

	missing? Will these help our community to reduce waste?		of infrastructure. Fulton Hogan, and the wider construction industries, would welcome a discussion around councils infrastructure procurement processes that contribute to the principles and objectives of the NTWMMP. Finally, Fulton Hogan believes that the waste minimisation would be more successful if recognition and rewards were made to groups and industries that go the extra step in contributing to waste minimisation.
Nelson Tasman Consultation	5. What changes have you recently made to reduce your waste?		We monitor our waste creation amounts, we are looking into our procurement processes, we are recycling a proportion of our asphalt into new products, we are recycling water in our wet processes.
Nelson Tasman Consultation	6. What changes are you planning to make to reduce your waste?		We are investigating biofuels. We are testing the incorporation of recycled materials into our products. We are looking at ways of incorporating renewable energy sources into our business to reduce energy costs.
Nelson Tasman Consultation	7. What changes would you like the councils' to make to reduce waste?		Fulton Hogan supports the NTWMMP, we would like the Councils to consider strong integration of the plan across all council units, looking at procurement practices, standard operational delivery practice, perhaps, an opportunity exists to work with the various industries to create 'best practice guidelines' for specific activities and/or wastes.
Nelson Tasman Consultation	8. Do you have any other comments?		Fulton Hogan would like to engage further with the Councils in developing and delivering this plan, we have some valuable experience that may help in the development of meaningful changes. We would like to add, that waste minimisation is an issue that cannot be dealt in isolation and is a matter affected by scale, and ask has consideration been given to including Marlborough District Council in this collective waste minimisation plan discussion?

Printed: 15/09/2018 15:00

*Acknowledged*

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan – Submission #19297

**Mr & Mrs Margaret and Joshua Pattison**

29 Sutton Street  
Richmond 7020

544 6498  
544 6498

Speaker? False

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

Printed: 10/10/2018 10:06

# NELSON TASMAN WASTE MANAGEMENT AND MINIMISATION PLAN



How can we do better?

Section 5 and 6 of the plan sets out our vision and our goals.  
Do you support the vision and goals of the plan?

*yes we do.*

Section 6 of the plan also sets out the councils' guiding principles.  
Do you support the guiding principles? Are there any missing?

*yes - they are very comprehensive*

Section 8 of the proposed plan sets out goals and objectives for all of our community.  
Do you think we have the right objectives? Are there any missing? Are they achievable?

*yes*

Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan.  
Do you think we have these right? Are there any missing? Will these help our community to reduce waste?

Our objectives are only achievable if we all make changes to reduce waste.

What changes have you recently made? Do not use plastic bags for shopping. Use recyclable bags only. Turn down plastic bags provided by shops, all types. Buy our milk in glass bottles only (doing this for the past 2 months, and carrying on.

What changes would you like the councils to make? Try to talk to businesses about reducing cling wrap, plastic wrap - move to paper bags, and natural materials. Reintroduce the paper

Do you have any other comments on our proposed plan? rubbish bags we used to have.

A hearing will be held on Tuesday 9 October, where you have opportunity to speak to the councils.

Would you like to speak to your submission? NOT YET

**YOUR DETAILS**

Full name(s): MARGARET + JOSHUA PATTISON

Address: 29 Sutton St. RICHMOND 7020

YOU CAN MAKE YOUR SUBMISSION ONLINE AT:

[www.tasman.govt.nz/feedback](http://www.tasman.govt.nz/feedback)

Alternatively:

- Email your submission to [lesswaste@tasman.govt.nz](mailto:lesswaste@tasman.govt.nz)
- Post your submission to David Stephenson, Tasman District Council, 189 Queen Street, Private Bag 4, Richmond 2050

BE SURE TO HAVE YOUR SAY BY 17 SEPTEMBER 2018.



*Acknowledged*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan – Submission #19298

**Mr Ian Shapcott**  
Rohe Management Team Te Atiwaka Trust

rm@teatiawatrust.co.nz

PO Box 340  
Picton 7250

03 573 5170  
03 573 5170

Speaker? False

Department	Subject	Opinion	Summary
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Printed: 19/10/2018 10:00

**Robyn Scherer**

**From:** David Stephenson  
**Sent:** Friday, 14 September 2018 4:00 p.m.  
**To:** Robyn Scherer  
**Subject:** FW: Nelson Tasman Joint Waste Plan - Te Ātiawa  
**Attachments:** Partners - NCC - Waste Management Plan review - Guiding principle 3, Kaitiakitanga, Te Ātiawa input - 20 June 2018.docx

**Importance:** High

David Stephenson | Engineering Services  
 Asset Engineer - Waste Management & Minimisation  
 Extension 883 | Mobile 027 221 2940 | DDI 03 543 8483

**From:** Resource Management | Te Ātiawa <rm@teatiawatrust.co.nz>  
**Sent:** Wednesday, 20 June 2018 1:06 p.m.  
**To:** David Stephenson <David.Stephenson@tasman.govt.nz>  
**Cc:** sylvie.heard@gmail.com  
**Subject:** FW: Nelson Tasman Joint Waste Plan - Te Ātiawa  
**Importance:** High

Kia ora ano David

Thanks for this suite of information. I've now had an opportunity to run through it – pardon the somewhat rushed and cryptic response.

Firstly, you and your team are to be commended. This is excellent stuff and the approach(es) taken are supported by Te Ātiawa. It is hoped that the impending political processes and management on the ground will deliver the aspiration.

Some additional input follows:

- **Guiding principle 3 – Kaitiakitanga and Guardianship:** Refer to the attached Track Changes document, for some very minor potential adjustments. Pardon the absence of macrons. ( I see that some of the Track Changes info. has dropped off but there is enough left for the suggested changes to be understood.)
- Here is a suggestion for 2 more guiding principles (Conceptual drafting only, but just to cite what the shape of these might be.):
  - **Guiding principle 8 – TDC and NCC will lead by example:** Both councils will undertake a holistic waste management programme in the delivery of the Plan and within their own operations (and let the public know that – progressive website reporting), whereby every step in their engagement with this challenge

will involve actions based upon sustainability; e.g. only environmentally responsible contractors; green fleet vehicles, have their own waste plan, etc, etc, will be engaged for this work. In other words, contractors who meet environmental code of practice standards (This should already be happening across the board with TDC and NCC in-house / out-of-house?? Back in 2010, I helped put together an Environmental C of P, as a means of discriminating between aspirant MDC contractors). This principle should cover all of the council-prompted actions that are supplementary to the actual Plan implementation. (Further, would TDC / NCC consider re-introducing paper waste bags to replace the fossil fuel derived plastic bags currently in use – thought required.)

- **Guiding principle 9 – Solid waste management will deliver a net restorative outcome:** All decisions / all actions arising from this Management Plan must result in improving the net health of the natural and social (cultural) worlds, not just be locked under a waste management lens. *The implementation of this plan will result in net restorative outcomes.* (This is a 21<sup>st</sup> century bottom line. As part of achieving this, it needs to be acknowledged what the real profits might be from implementing this Plan. This is not a solely financial outcome, as the Plan well illustrates - money is a tool to achieve this positive investment / outcome. So, translate from the Plan's objectives / targets; what those non-monetary profits might be, assess them annually, and produce a P & L statement for the community and managers to take them along on this journey of acknowledging the real profits – all about wider, necessary culture change.)

Happy to korero on anything.

Nga mihi nui

Shappy.

**Ian Shapcott**  
 Rohe Management Team  
**Te Ātiawa Manawhenua Ki Te Tau Ihu Trust**  
 Beach Road, Waikawa Marina, Waikawa, Picton 7220  
 (PO Box 340, Picton 7250)  
 Phone : 03 573 5170 / 0800 284 292  
 Fax : 03 573 5180  
[www.teatiawatrust.co.nz](http://www.teatiawatrust.co.nz)



**Guiding principle 3 - Kaitiakitanga and / Guardianship**

*Within the Maori world (Te Ao Maori)* The principle of kaitiakitanga speaks of our shared responsibility for looking after the environment and for the impact of products we purchase and waste we make, use or discard.

The essence of a Māori worldview is based on relationships between people and the environment, the spiritual world and the natural world including whenua (land), wai (water), moana (sea), and hau (air). It is expressed as ngā taonga tuku iho, our treasured environment.

Through their whakapapa (ancestral ties) and spiritual relationship with ngā atua kaitiaki, the spiritual guardians and their domains, manawhenua iwi have a responsibility and obligation to their tupuna (ancestors) and mokopuna (grandchildren) to enhance and maintain the mauri (life force) of all living things. Iwi are the ahi ka kaitiaki – a duty demonstrated in the practice of kaitiakitanga (guardianship) and tino rangatiratanga (self-determination). For iwi, spiritual and physical survival is dependent on their ability to safeguard ~~resources~~ the supporting world as kaitiaki, the guardians of an area.

Fundamental principles and cultural values include mana atua (spiritual authority), mana whenua (land), mana tangata (individual authority), rangatiratanga (leadership authority), kaitiakitanga (guardianship) and manākitanga (hospitality).

Cultural values and principles in the Ngā Taonga Tuku Iho Ki Whakatu Iwi Management Plan (2004) include:

- ☒ A sense of kinship with all things
- ☒ A regard for natural resources as gifts from the atua (gods)
- ☒ A sense of responsibility for natural resources as kaitiaki (guardians)
- ☒ A sense of commitment to look after resources for future generations
- ☒ An ethic of giving back what is taken from the environment

The degradation of the mauri (life force), whenua (land) and wai (water) due to waste management practices are major issues for manawhenua iwi in our region. For example, they are concerned about the location of landfills near estuarine areas, closed landfills on or near wāhi tapu areas, contamination of waterways and the coastal environment that would impact on the ability of manawhenua iwi to harvest kaimoana and access mahinga kai areas and wāhi tapu. These impacts compromise the health and wellbeing of the whole community.

*As per ledger*

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19299

**Ms Mary Holz**  
Nelson Branch, National Council of Women

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Nelson 7010

545 2915  
545 2915

Speaker? False

Department	Subject	Opinion	Summary

Printed: 18/09/2018 12:44

Submission to the Nelson City Council and the Tasman District Council  
*Nelson Tasman Waste Management and Minimisation Draft Plan 2018*  
 September 2018

Name: Mary Holz, representing Local Issues Group of Nelson Branch of National Council of Women New Zealand (NCWNZ)

Address: 52 Paremata St, Atawhai, Nelson 7010

Phone: 545 2915

Email: [mgholz369@gmail.com](mailto:mgholz369@gmail.com)

I do not wish to be heard.

Introduction:

This submission has been prepared by Nelson Local Issues Group Branch NCWNZ. Members reflect the wider community in having a range of ages, socio-economic and educational backgrounds.

The numbering of the points we make follows the numbers set for the on-line submissions.

1. We support the vision and goals. In 2000 The National Council of Women New Zealand endorsed the following policy, "That NCWNZ support the concepts of zero waste and waste minimisation and actively work to prompt these concepts."

2. We support the guiding principles.

3. You have the right objectives. They will only be achievable if there is a continuous education policy that keeps the objectives on the community's radar. Recycling is a popular concept as we have seen with the focus on eliminating single use plastic bags. Recycling and elimination of waste must be more than a short-term venture and the government needs to lead in areas such as financing the establishment of plastic waste disposal and plants and other aspects of the recycling industry.

4. These look all inclusive. The test will come in implementing them. We particularly endorse policy 2.1; collaboration with other councils and government to advocate leadership in waste reduction

An educational programme with a sense of urgency that covers the whole country from government level to the smallest council is needed. Waste elimination and minimisation policies at all levels must be adequately resourced. To get full buy-in reducing waste must be made as simple as possible

The government could lead by investing in research and then investing in the industries resulting from that research.

7. Encourage the use of glass bottles for milk. Some of our members favour glass for soft drinks. There will be financial and environmental costs for this which will have to be accepted. Possibly a levy could be put on rates for glass recycling.

8. Waste created in NZ needs to be dealt with in NZ.

We would like to see at least one more glass recycling plant and a plastic recycling plant in NZ to avoid exporting plastic waste.

Small urban householders find waste disposal outside of the normal plastic bag collection difficult. They do not want to put the small amount of green/other nonrecyclable waste they generate into a plastic bag. Councils could provide collection facilities in these areas on a regular basis.

Disposal of batteries also causes concern. Suitable collection points in retail areas could be an answer.

Use of plastic that can be recycled at least twice could be acceptable.

The summary of the Nelson Tasman Waste Management Plan 2018 was easy to access but not the full plan. We suggest that the processes used be improved in the future.

*Acknowledged*

### Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19300

**Ms Kura Stafford**  
RMA Manager Ngati Tama

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Speaker? True

Department	Subject	Opinion	Summary
Nelson Tasman Consultation	8. Do you have any other comments?		See attached

Printed: 18/09/2018 09:20



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**Tasman District Council  
 Private Bag  
 RICHMOND**

## **NELSON TASMAN WASTE MINIMISATION MANAGEMENT PLAN SUBMISSION**

### **INTRODUCTION**

1. Ngāti Tama ki Te Waipounamu Trust is the mandated iwi organisation for Ngāti Tama ki Te Tau Ihu. The Trust was established in April 2013 to receive, hold, manage and administer the Te Tau Ihu Settlement Act 2014 (Settlement Deed) on behalf of and for the benefit of present and future descendants of Ngāti Tama ki Te Tau Ihu. The Trust also advocates social, cultural, environmental and economic interests of regional and national importance.
2. Ngāti Tama ki Te Tau Ihu are mana whenua under tikanga Māori since pre 1840. As kaitiaki, Ngāti Tama seek to maintain the health and connections of the whenua (land), hau (air), wai (waterways), moana (sea) for future descendants and communities. The life supporting capacity of te taiao ao (the natural environment) is a priority and contributes to the health and wellbeing of tangata (people), ngahere (plants), animals, awa (river), moana (sea).
3. Ngāti Tama ki Te Tau Ihu and the Crown signed a Deed of Settlement on 20th April 2013 at Onetahua Marae. The Settlement Act details provisions for Statements of Association, Statutory Acknowledgements and Deeds of Recognition to acknowledge the historical, cultural, social, economic and environmental relationship Ngāti Tama ki Te Tau Ihu has with the rohe and the Coastal Marine environment
4. Ngāti Tama ki Te Waipounamu Trust is an iwi authority as defined in section 2 of the Resource Management Act 1991 (RMA) and is recognised by Ngāti Tama ki Te Tau Ihu as having authority to represent the Iwi. Further, under section 77 of the Local Government Act 2002 requires that a Local Authority must, in the course of the decision-making process “take into account the relationship of Ngāti Tama and their culture and traditions with their ancestral land, water, sites, wāhi tapu, valued flora and fauna, and other taonga.”
5. The Crown has acknowledged the integrity, generosity and mana of Ngāti Tama ki Te Tau Ihu to vest Kaka Point and Te Tai Tapu – totalling approximately 28,602 hectares on settlement date and then re-vest back in the Crown seven days later as a gift and public good from Ngāti Tama ki Te Tau Ihu to the people of Aotearoa/New Zealand.

***He Kuaka Marangaranga. He Manu Tohu i te Ara***  
*The enduring flight of the Godwit bird guiding us to success and prosperity*

## NGĀTI TAMA KI TE WAIPOUNAMU TRUST

6. Ngāti Tama ki Te Waipounamu Trust has also made an application for Customary Marine Title and protected customary rights for the Ngāti Tama coastal marine area of interest.

**SUBMISSION**

Ngāti Tama cultural values and principles includes:

- A sense of kinship with all things
- A regard for natural resources as gifts from the atua (gods)
- A sense of responsibility for natural resources as kaitiaki (guardians)
- A sense of commitment to look after resources for future generations
- An ethic of giving back what is taken from the environment

The above values and principles inform this submission. Ngati Tama supports in principle the proposed Plan for solid waste reduction and management in the Nelson Tasman region. The protection, enhancement and maintenance of the environment and wahi tapu areas is important to Ngati Tama.

The proposed Plan sets out guiding principle 3 - Kaitiakitanga and Guardianship. We recommend that this section is reviewed and updated in the proposed Plan to take into account Iwi Management Plans and Deed of Settlement outcomes. Ngāti Tama can assist staff with this work.

**Solid Waste Management**

We recommend the following matters:

- The highest environmental standards are applied to all consents involving waste management;
- Solid waste facilities are located away from fresh and coastal water, wāhi tapu and mahinga kai gathering sites; and
- New landfills or sites for waste disposal follow best practice guidelines relating to leachate collection, impermeable liners and landfill gas systems to minimise the adverse effects of operations on the receiving environment.

The following matters are general issues that should be addressed in the proposed Plan:

- The inappropriate location, construction or management of landfills;
- Contamination of surface and ground waters and soils from landfill material (including hazardous substances);
- Release of contaminants including dust, greenhouse gases and ozone depleting substances into the atmosphere;
- The import and export of waste should be reviewed to identify appropriate targets and measures;
- It would be helpful to have data and information on Buller District waste management initiatives and incentives to track and measure reduction in the import of waste from other regions.
- It is important to monitor and measure the type, quantity and quality of waste exported to Kate Valley in Canterbury and any potential impact on Maori values and

## NGĀTI TAMA KI TE WAIPOUNAMU TRUST

communities. The reduction in the export of waste to Canterbury should also be promoted.

- The location and monitoring of natural resources downstream of private waste disposal areas should also be included in Council actions in the Plan to assess any potential adverse effects on whenua, waiora, moana and te taiao that in turn may impact on Ngati Tama values and communities.

We recommend the following actions for the proposed Plan:

- Ngāti Tama seek to participate at the highest level of decision making to give effect to the partnership relationship with Local Authorities.
- The creation of the Nelson Tasman Regional Landfill Business Unit in July 2017 provides an opportunity for the appointment of Iwi representatives to give effect to the partnership relationship with Local Authorities. Further discussion will be required with Iwi, however as a starting point, it is recommended that three Iwi seats are available on the committee.
- The solid waste consent period must not exceed the lifetime of the disposal or treatment system.
- Decommissioned landfills and or historical disposal sites of hazard waste material in the region should be monitored regularly and the information shared at regular updates. For example, the Eves Valley landfill near Brightwater no longer accepts waste for disposal, however it is important to have regular monitoring of the area to assess if there are any long term effects on te taiao.
- The environment around the remdiated Mapua chemical area should be monitored regularly as there may be potential long term effects from leachate into the estuary that may impact on Ngati Tama values and interests.

**OTHER MATTERS**

- Policies and actions that address the above issues and recommendations are supported.
- Education and information on the reduction of waste is supported.
- Support and encourage product stewardship, where manufacturers and retailers take greater responsibility for a product throughout its life-cycle
- Manage our facilities and services to avoid negative and adverse effects on the environment, Ngati Tama values and interests and communities.

**I wish to speak at the hearing**

Kura Stafford  
RMA Manager  
Ngāti Tama ki Te Waipounamu Trust

## Submission Summary

Draft Nelson-Tasman Waste Management & Minimisation Plan - Submission #19301

**Mr Derek Shaw**  
Board member Nelson Environment Centre

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03 545 9176

Speaker? True

Department	Subject	Opinion	Summary
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Printed: 10/09/2018 06:40



## **Nelson Environment Centre**

### **Draft Nelson Tasman Waste Management & Minimisation Plan (WMMP)**

**Organisation:** Nelson Environment Centre

**Name:** Derek Shaw

**Position:** Board member

**Email:** [info@nec.org.nz](mailto:info@nec.org.nz), [nikau@ts.co.nz](mailto:nikau@ts.co.nz) – Derek Shaw)

**Address:** 31 Vanguard Street, Nelson 7010

**Phone:** 03 545 9176 (NEC), 03 54987537 (Derek Shaw)

#### **Background**

Nelson Environment Centre (NEC) has been operating for over 40 years and currently has two major activity centres – the Nelson Reuse and Recycle Centre (NRRC) in Vivian Place, Tahunanui and Ecoland in Vanguard St, Nelson. Our operations on both sites focus on the minimisation of waste. We divert more than 240,000 items from landfill each year from NRRC. Our Kai Rescue service has diverted over 130 tonnes of edible food to hungry people since it started in March 2017 and in the last financial year we recycled 20.8 tonnes of electronic waste. For over 10 years, until early 2017, we successfully delivered educational and behaviour change programmes on behalf of Nelson City and Tasman District Councils with a focus on the reduction of waste from schools and businesses in the region. We consider ourselves to be the community experts on minimisation of waste in the region. It is with this experience in mind that we submit to the Council's Draft Waste Management and Minimisation Plan.

**NEC wishes to speak to our submission.**

#### **Key Points**

- **Zero Waste.**

We strongly urge for a long term aspirational vision and goal in the WMMP of Zero Waste by say 2040. The Auckland Council has adopted such a long term aspirational goal of Zero Waste by 2040 for its WMMP. This would be similar to the aspirational vision of Predator Free NZ by 2050. We believe it would greatly help focus the Plan, the actions of the Council and especially the engagement of the community, including in our suggested establishment of a Community Forum below.

- **Waste Minimisation Innovation Fund**  
 We strongly recommend that a contestable and transparent local fund is set up that organisations can apply to for funds to undertake initiatives that assist with achieving the vision, goals and objectives in the WMMP. This could be established with funds from the local waste levy and NZ waste levy.
- **Strong Council Leadership**  
 The councils are the best placed to drive a zero waste vision for waste management in the Nelson Tasman regions and to work in partnership with the community stakeholders towards achieving such a vision. They have the statutory responsibilities to management and minimise waste, protect the physical environment as well as much of the infrastructure, financial and staff resources to ensure positive actions. Councils are also in a strong position to work with, and to advocate to, other councils, central government and other key players.
- **Council's Leading By Example**  
 An important part of strong leadership by Council's is for them to lead by example with respect to waste management and minimisation in their own operations, including those of their Council Controlled Organisations (CCOs) and Council Controlled Trading Organisations (CCTOs). The setting of targets for Council's own operations should be included in the WMMP while those for the CCO's and CCTO's can be set through the Statement of Intent (SoI) process and monitored in 6 monthly and annual reports.
- **Community Education**  
 To achieve the vision, goals and objectives of the plan there is ongoing role for the councils to ensure that the community is aware of the consequences of our current wasteful attitudes towards resources and what residents can do to help to remedy this situation and ensure a more sustainable future for all. This doesn't necessarily have to be undertaken directly by the Councils but can obviously be undertaken by suitable contractors, such as the Nelson Environment Centre.
- **Community Forum**  
 We urge the Council's to establish a Community Forum on Waste Minimisation (preferably Zero Waste) and invite all community organisations, businesses and individuals with an interest in waste minimisation (hopefully with a vision of zero waste for Nelson Tasman) to come together to work on an agreed strategy and actions. The Nelson City Council's sponsored Biodiversity Forum provides a very good model of how such a community forum could operate. The cost to NCC is very modest with Council providing a venue, administrative support, a part-time contracted facilitator and the time of staff who attend approximately 4 forums each

year. Such a forum would enable all stakeholders and interested parties to work together, and to appreciate and understand each other's perspectives, challenges, successes, failures and explore new ways of working together.

#### General Comments

- **Regulations** – There is very little discussion in the draft plan on the possible use of regulations, such as bans on damaging hazardous materials being able to go into landfills. We still believe there is a place for bans on items that contain hazardous materials such as the toxic metals in e-waste, plus organic materials that produce greenhouse gases that are damaging the planet and NZ has committed internationally to reducing.
- **Waste that Councils have largely lost control of** – The operation of services related to the collection of wheelie bins and larger bulk bins and the dumping of their contents in the landfill (and cleanfills) makes it very difficult for the councils to gain a full picture of our waste streams and quantities and to monitor these over time to ascertain whether the plan is making any improvements. It also makes it virtually impossible to prevent undesirable materials such as hazardous wastes (eg e-waste) and organic wastes that generate greenhouse gases from being deposited in the landfill. This in turn makes it very difficult to achieve the vision, goals, objectives and policies of the plan. We urge the councils to give serious considerations as to how this unsatisfactory situation can be changed to help ensure that the wastes collected and deposited in the landfill from such operations are not contrary to the plan. It may be desirable or necessary for the councils to regain control of the community's waste if these operators are not prepared to modify how they operate such services or for the councils to consider instituting appropriate regulations.

The following sections are based on the questions asked in the Council's Submission Form

**1. Section 5 and 6 of the plan sets out our vision and our goals.  
Do you support the vision and goals of the plan?**

We do not support the current vision of the draft plan. We believe it is too weak and has been ineffective over the life of the previous plan. We believe Council's should go back to the vision from 2001 or earlier – Zero Waste. Both Councils (along with 27 out of the 74 local authorities) signed up to the Zero Waste by 2020 vision and received funding from the Zero Waste Trust but this was never seriously pursued, let alone realised, by any council. Auckland Council reaffirmed their vision of Zero Waste in 2012, with the target of 2040. We would like to see Nelson Tasman do the same.

3

We strongly believe that an aspirational goal of Zero Waste by a certain date is going to help inspire and engage a far greater proportion of the Nelson Tasman residents than the proposed vision. In much the same way that the vision of predator free cites, regions and NZ has resulted in unprecedented and widespread engagement, support and actions by individuals and organisations and provided incentives for research into new technologies and methodologies – things which is clearly needed if we are to reversed the current trend of increasing wastes.

We understand that there is a real desire within the current Government to seriously address our waste issues through such means as mandatory product stewardship schemes, container deposit schemes, phasing out of one trip plastic bags and working to achieve better quality recyclants and utilising them in New Zealand now that China has signalled that they will take them. So we see it is very timely for councils to follow Auckland's lead on a long term aspirational vision and to work together with other councils, central Government and other organisations and stakeholders who have a genuine interest in seriously addressing waste issues. We also strongly believe there is a heightened public awareness and willingness to act on reducing wastes due to recent publicity about such issues as plastic waste in the oceans and China's reluctance to continue dealing with other countries wastes.

We do not support the proposed goals. In our view goals should be SMART (Specific, Measurable, Achievable, Realistic and Timely). There is no traceability. They are basically unchanged from the last Joint WMMP in 2012 and there is no way to identify how or if the goals were met. We would suggest they weren't met. We also believe Councils should have targets that are specific to waste generated from within Council operations so that they are leading by example, as well as waste generated by the community across the region.

The Joint Waste Assessment (2017) indicates that landfill waste has slightly increased in the period of the last JWMMP – 2011/12 to 2016/17, although we do not have the population figures for 2012 to allow the comparison between waste per capita over the period.

**2. Section 6 of the plan also sets out the councils' guiding principles.  
Do you support the guiding principles? Are there any missing?**

Yes, we support the guiding principles, with the addition of one more – Zero Waste through the support of a circular economy model.

**3. Section 8 of the proposed plan sets out goals and objectives for all of our community.  
Do you think we have the right objectives? Are there any missing? Are they achievable?**

The problem with the objectives is that they cannot be measured and so how can it be determined if they have been achieved? How did we do against the previous JWMMP? They are largely unchanged in focus since the previous JWMMP. The main change seems to be

moving the emphasis away from Council onto the community. We don't see this as recipe for success. There needs to be strong leadership by the Councils and widespread community engagement. We agree that waste is a community-wide issue that requires community involvement in finding solutions but the Councils have not involved the community in developing the draft plan. The community needs to know what Councils will do, what they expect from the community and how they will facilitate community engagement. The councils own the plan and have the resources to implement it, the community doesn't.

**4. Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan.**

**Do you think we have these right? Are there any missing? Will these help our community to reduce waste?**

Generally the policies are on the right track, but there is not enough certainty. For instance Policy 6.1 focuses on Product Stewardship (PS) and the methods provide more detail how the councils will promote PS, but we believe Council's should be stating their priority waste streams for Product Stewardship, and should be stating that these should be mandatory and not voluntary. This will help to give central Government and the community a clear message that these are the waste streams Councils consider key to target. Past Governments have continually consulted on the priorities for mandatory product stewardship but have only instituted voluntary schemes which have had limited success. It's time to start using the teeth within the act. Councils have a big part to play in ensuring central Government does this and is aware of the Council's priority waste streams.

More detailed comments are recorded in the general comments section below.

**5. Our objectives are only achievable if we all make changes to reduce waste. What changes have you recently made?**

The Nelson Environment Centre diverts more than 240,000 items from landfill each year from our Reuse and Recycle Centre in Tahunanui. Our Kai Rescue service has diverted over 130 tonnes of edible food to hungry people since it started in March 2017 and in the last financial year we recycled 20.8 tonnes of electronic waste. For over 10 years, until early 2017, we successfully delivered educational and behaviour change programmes on behalf of Nelson City and Tasman District Councils with a focus on the reduction of waste from schools and businesses in the region. We promote alternatives to single use items through our Ecoland shop and are a respected voice within the community on minimising waste. Our staff work nationally – largely through the Zero Waste Network – to deliver, support and lobby for initiatives that will move Aotearoa towards Zero Waste.

**6. What changes are you planning to make?**

Nelson Environment Centre will continue to grow our Kai Rescue service, reaching more donors of food to grow the amount of edible food diverted from landfill. We will continue to offer the only recycling service for all electrical and electronic waste in the region. We will

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continue to operate the Reuse and Recycle Centre in Tahunanui. We will continue to advocate and act locally and nationally for zero waste. We are limited in what we can do only by the money we are able to generate ourselves and the funding we are able to obtain from other organisations. We could do so much more if we had more support from the Councils. Councils could support organisations like NEC to deliver real waste reduction and diversion by bringing in a transparent contestable Waste Minimisation Innovation Fund – similar to Auckland Council.

As we indicated in our submission on the draft NCC LTP there is clearly the potential to achieve a lot more across the full waste hierarchy that could be done. Nelson (and Tasman) has the potential to be the smartest small city in the country ie the leading regional centre in advancing solutions to the challenges of waste generation and sustainable solutions. We are keen to do more but we need additional funds to do so.

#### 7. What changes would you like the councils to make?

We would like to see a long term aspirational vision of Zero Waste with a target date, such as 2040. This will indicate that the Councils are serious about reducing the waste produced and dealing with what is produced and thus demonstrating true leadership. Such a vision needs to be supported by a much clearer, measurable, achievable and targeted WMMP.

Create a transparent & contestable Waste Minimisation Innovation Fund – similar to Auckland Council (<https://www.aucklandcouncil.govt.nz/grants-community-support-housing/grants/regional-grants/Pages/about-waste-minimisation-innovation-fund.aspx>). The Auckland Council funds their WMIF from the national waste levy fund they receive from the Ministry for the Environment. This fund currently has a total annual pool of \$500,000, with two annual funding rounds (April and September). Applications can range from \$250 to \$50,000. The broad aim of the fund is to support initiatives that will help achieve the vision, targets, and strategic objectives of the Auckland WMMP and has a specific focus on seed funding new initiatives – including developing business and community-based resource recovery centres and programmes. The fund is open to community groups, businesses, mana whenua, mataawaka, educational institutions and other organisations operating in the Auckland Region.

Clear targets need to be set and actions listed on how they will be met. These could be established by the Community Forum on Zero Waste we have urged under the earlier key points section of our submission. There needs to be regular reporting on these targets and reviews of the actions.

We believe that working with the community through such a Community Forum will help ensure more 'buy in', 'ownership' and commitment and lead to a more robust, focused and effective plan that will much more chance of clearly making a difference. There is the potential for the Nelson Tasman region to be the leading provincial region on working towards zero waste. Funds to help establish additional infrastructure, processes and enterprises to achieve this can sort from the national waste levy fund. Consideration could also be given to applying to and / or supporting applications by others to the Provincial

Growth Fund.

**8. Do you have any other comments on our proposed plan?**

Yes. Detailed comments to follow:

1. General note – the figures on landfill tonnages etc. is documented to imply that this is all waste to landfill in the region. References to clean fills (one alternative waste disposal option) are mentioned in the detail but the community should be informed that these tonnages may be only an estimated 30% of waste generated in the region – as highlighted in the MfE publication – National Waste Disposal Survey Report (<http://www.mfe.govt.nz/publications/waste/national-waste-disposal-survey-final-report-2017>) that stated that based on their review they estimated that only 30% of waste is subject to the waste levy (through disposal at controlled landfills – such as Eves Valley and York Valley). Therefore comparisons of the amount of waste generated each year are indicative only – they are not the full picture.
2. We note that this draft WMMP is an update on the JWMP from 2012. What was achieved over those 6 years?
3. Section 4.3 – This mentions the period of 6 years but references just 4 – 2012-2016, and then goes on in Table 4.1 to provide data for 2010 (outside the term of the previous plan) and 2016. Why use 2010 figures rather than 2012 and why not use 2017 figures?
4. Section 4.4 – During the period of the last plan, has all green waste been composted that has been separated by the public and dropped off at the Nelson Transfer Station and Tasman Resource Recovery Centre's? We understood that there was a period where green waste was being landfilled. Please can you clarify this.
5. Section 4.4 – What is the percentage of recyclables collected from kerbside throughout the region that are contaminated? What is the percentage of recyclables collected in public recycling bins that are contaminated? Those numbers would help us understand how valuable these services are and whether education is needed to make them more effective.
6. Section 4.4 – We do not believe Councils should be making statements that the diversion of green waste through home composting is expected to be significant. There is no evidence to back that up. We understand the ratepayer surveys indicate that a lot of households compost, but experience from workshops we have delivered on behalf of Councils, would indicate that this is not the case. In addition the 2012 survey indicated that 13.7% of waste was food waste and 13.8% was garden waste. We don't believe Councils should be so complacent about home composting being a big part of the answer. This is further reinforced in section 4.5 where it talks about composting and food growing increasing diversion from landfill. Commercial sized composting options are needed to make any significant differences in the region.

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7. Section 4.5 – mentions that construction and demolition waste is forwarded to re-processors or landfill. In fact we know that it is also going to cleanfills – in fact it is likely that most of it does not go to landfill, but with no monitoring of tonnages or waste types going to cleanfills this is a big unknown.
8. Section 4.7 – Table 4-2 indicates that 3% of waste to landfill identified from the 2012 SWAP study was e-waste. We cannot see where that breakdown comes from in the Waste Assessment.
9. Section 4.7 – over what period does the Council expect the diversion targets to be achieved? There should be short term and longer term targets stated with the longer term trending towards zero waste.
10. Section 4.7 – We believe the targets should be 100% diversion of food and green waste over the next 6 years.
11. Section 8 generally needs more detail and specific actions but some key issues are listed below.
12. Method 1.1.2 – It's great to see event waste targeted. Since Green Waste to Zero no longer accept compostable plates, cups and utensils we do not have the capacity to compost those or the food waste from events. Investment in solutions for dealing with event waste – in terms of systems, resources (paid contractors and physical resources), commercial food waste capacity etc. needs urgent investment from Councils. Initiatives such as Waste No More and Community Compost should be able to apply for funding and support from Councils through an open contestable fund. The need is much greater and more urgent than just developing strategies and resources.
13. Method 1.1.4 – there is duplication here – two methods with the same number.
14. Method 1.2.2 – indicates that council officers will be employed to work on programmes – why limit these activities to Council employees? We thought the thrust of this plan was to work with community. Initiatives happening within the community should be supported where they meet Council criteria and deliver to the WMMP and development of further community-led initiatives should be encouraged.
15. Policy 1.4 doesn't have an associated method.
16. Method 2.1.3 – it's good to see CDS mentioned as a possible product stewardship scheme to support but this method should be more specific about others to be supported. Councils should know by now what their priorities are for Product Stewardship schemes, and these should be presented in this plan so that the community can have an input.

17. Method 4.1.1 – talks about upgrading and improving the MRF to accommodate demand but what about quality? We know that the commodity market has tightened – isn't there a need to improve the quality of the separation of recyclables at the MRF? Has this been investigated?
18. Method 4.2.5 - there is duplication here – two methods with the same number.
19. Policy 5.2 – what about the number of separation facilities available – should they not be reviewed? I.e. child car seats, collection of recyclables from commercial customers should be possible – with payment facilities rather than expecting them to have to use one of the waste companies. That is a known barrier to businesses recycling – particularly construction companies.
20. Method 7.2.1 – the services available for hazardous wastes from households and commercial customers should be reviewed. We believe that Council should collect all types of batteries for instance, even if there is a charge. Also there needs to be more guidance for commercially generated hazardous waste to ensure the options are very clear and easy to access – i.e. a big improvement in the Council websites and perhaps even consideration of offering more charged services for commercial customers through the transfer stations and RRCs.
21. Method 7.4.1 – what about subsidising to achieve environmental outcomes? Is that covered under the term public good? Obviously producers should pay through product stewardship schemes whenever possible but there may need to be interim solutions, perhaps with funding from the MfE WMF.
22. General – what about disaster management? We will get a big earthquake sometime. After our involvement in supporting the community of Kaikoura after their big earthquake we recognise the need for detailed waste management processes after a disaster. Plans were developed after that Earthquake and these should be investigated for use in our region so we are prepared.
23. Section 10 – It is not good enough to indicate that a contestable fund may be provided. We believe a fund, such as that provided by Auckland Council would be a great way to support the many initiatives that are coming out of the community, such as our Kai Rescue and electronic waste recycling, Ben Bushell's Community Compost, Lani Bee's Boomerang Bags etc. It will also make it easier for initiatives like those to get started. Many die an early death because there is no support to allow them to develop. The fund would also act as leverage to access funding from other sources including the national waste levy fund administered by MfE. We are aware that funds may be available for some initiatives but forcing the community to go through the annual or long term plan processes makes these funds hard to access and cost to councils of managing them in this manner must be far greater. Reference below a Media release from Auckland Council (September 2016) about their WMIF

24. Section 11. We believe there should be more targets set so the WMMP outcomes can be measured, assessed and managed. Without these in place we are likely to drift along for another 6 years without any great change.

Reference re point 23



## Media release

### **'Zero Waste' fund open for innovative ideas**

Applications open in September for Auckland Council's Waste Minimisation and Innovation Fund (WMIF) for innovative ideas for reducing waste to landfill. This year, for the first time ever, funding will also be available from a Council Love Food Hate Waste (LFHW) Fund - specifically for ideas targeting food waste to landfill.

Waste Solutions Manager Ian Stuppel says the fund is a chance for Aucklanders to get backing for their waste minimising ideas.

Since the first WMIF funding round in April 2013, approximately \$2.2 million has been distributed to over 220 projects.

"Innovative thinking around new waste solutions is key to our goal of zero waste by 2040. Since WMIF started we have seen some great initiatives in our key priority areas – some of which have been developed into long-term sustainable ventures. With grants from \$100 to \$50,000 I would encourage small and large scale groups to get on and apply," says Mr Stuppel.

WMIF provides up to \$500,000 a year to seed innovative waste solutions from businesses, iwi/Māori, education and community groups. The fund supports activities such as feasibility studies, pilots, surveys, education programmes and workshops, as well going towards new equipment.

Take My Hands is a charitable organisation that collects medical equipment and resources that can no longer be used in New Zealand and redistributes it to organisations that work with those in need in the Asia Pacific region. Managing Trustee Janette Searle says the WMIF grant of \$5,000 enabled Take My Hands to develop a much-needed inventory tracking system.

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"Take My Hands utilises spare capacity in the transport and logistics chain through the support of our partners, minimising waste across the board. As we grew however, we needed an inventory tracking system to ensure everything is accounted for. The grant has enabled us to develop a system to keep control of what medical equipment we have, who it is going to and when," Janette says.

The council's LFHW Fund will also provide grants to reduce waste to landfill but specifically for ideas targeting food waste. This is part of a New Zealand-wide campaign, to reduce food waste going to landfill. Food waste is a massive issue in New Zealand with around 40% of the average rubbish bin or bag made up of food waste. Grants of up to \$1000 are available from this fund.

The team are looking for innovative local ideas to raise awareness and support Aucklanders to make the changes required to reduce food waste, for example through cooking and budgeting skills workshops and savvy shopping and storage techniques. The LFHW Fund will have a quick turn-around as activities which will occur in the campaign's launch period in November will be prioritised.

The September round for both funds is open from 1 September, and closes at 8pm on 30 September 2016. Aucklanders are encouraged to apply for either fund or both.

For more information visit [www.aucklandcouncil.govt.nz/wmif](http://www.aucklandcouncil.govt.nz/wmif), email [aucklandwastefund@aucklandcouncil.govt.nz](mailto:aucklandwastefund@aucklandcouncil.govt.nz) or call 09 301 0101.



# NELSON TASMAN WASTE MANAGEMENT AND MINIMISATION PLAN



How can we do better?

Section 5 and 6 of the plan sets out our vision and our goals. Do you support the vision and goals of the plan?

Yes, important to work with the community

Section 6 of the plan also sets out the councils' guiding principles. Do you support the guiding principles? Are there any missing?

Yes good principles  
 As a manufacturer there are many barriers of availability, economy of scale and cost to finding environmentally or sustainable packaging. We are having to get at NZ manufacture to create new packaging for us

Section 8 of the proposed plan sets out goals and objectives for all of our community. Do you think we have the right objectives? Are there any missing? Are they achievable?

Great objectives

Section 8 also sets out the proposed council policies – what the councils plan to do to meet the goals and objectives of the plan. Do you think we have these right? Are there any missing? Will these help our community to reduce waste?

I think at a governmental level packaging guidelines for manufacturers are needed.

Our objectives are only achievable if we all make changes to reduce waste.

What changes have you recently made? too many to list!

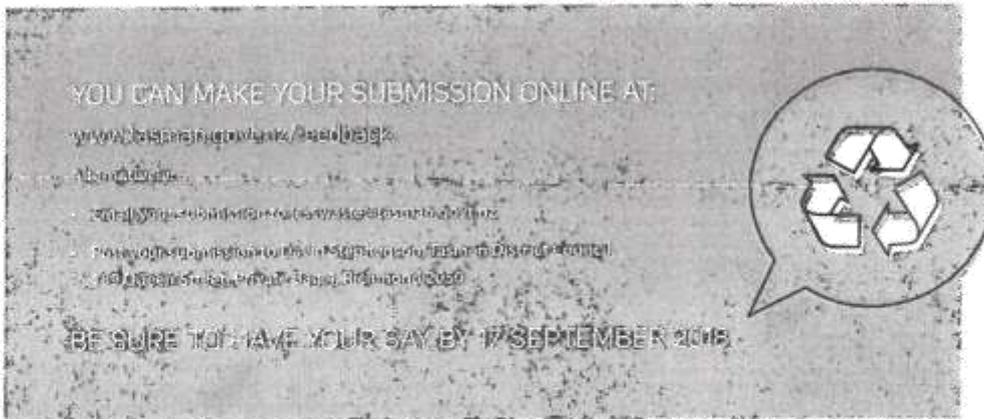
What changes are you planning to make? different packaging

What changes would you like the councils to make? This document is great

Do you have any other comments on our proposed plan? —

A hearing will be held on Tuesday 9 October, where you have opportunity to speak to the councils.

Would you like to speak to your submission? no







## Draft Waste Management and Minimisation Plan

### Submissions Hearing

Tasman District Council Chambers

Tuesday 9 October 2018 – 9.30 am

Time	Submitter	Submitter #
9.40 am	Mr Bryant Quarterman	19232
9.50 am	Ms Joanna Santa Barbara	19251
10.00 am	Mrs Karen Driver	19272
10.10 am	Mr Ben Bushell, Community Compost	19275
10.20 am	Mr Carlo Wiegand – Waste No More	19277
10.30 am	Mr Mike Henare – Waste Transformation Ltd	19287
10.40 am	Ms Kura Stafford – Ngati Tama	19300
10.50 am	Mr Derek Shaw – Nelson Environment Centre	19301
11.00 am	Hearing close	