

Council Briefing Agenda

Date: Wednesday, 30 August, 2017

Time: 1:00 pm

Location: Council Chamber
Forum North, Rust Avenue
Whangarei

Elected Members: Her Worship the Mayor Sheryl Mai
(Chairperson)

Cr Stu Bell

Cr Crichton Christie

Cr Vince Cocurullo

Cr Tricia Cutforth

Cr Shelley Deeming

Cr Sue Glen

Cr Jayne Golightly

Cr Phil Halse

Cr Cherry Hermon

Cr Greg Innes

Cr Greg Martin

Cr Sharon Morgan

Cr Anna Murphy

For any queries regarding this meeting please contact
the Whangarei District Council on (09) 430-4200.

1. Apologies

2. Reports

2.1 Review of Waste Minimisation Plan Submissions

1

3. Closure of Meeting

2.1 Review of Waste Minimisation Plan Submissions

Meeting: Council Briefing
Date of meeting: 30 August 2017
Reporting officer: Andrew Carvell (Manager - Waste and Drainage)

1 Purpose

To review feedback received during consultation on the Waste Minimisation Plan.

2 Background

The Waste Minimisation Act 2008 (Act), required territorial authorities to prepare waste management and minimisation plans (WMMPs) by 2012 and have these reviewed every six years. Requirements for WMMPs are set out in section 43 and 44 of the Act. One of these requirements is that Councils must publicly consult on the WMMP using a Special Consultative Process.

Council approved the draft WMMP for consultation on 29 June 2017 and agreed that:

- The plan be made available for public review between 1 July and 5 August 2017
- The submissions would be heard

The consultation process included:

- Advertising the consultation process in the Whangarei Leader and via social media;
- Making available the suite of documents on the website and at customer services and libraries;
- Making available downloadable and on-line the submission forms on the website with hard copies also available at customer services and libraries;
- Making available telephone submissions through the Contact Centre;
- Recording feedback from Council “Have your say events”
- Attending the Te Karearea hui on 19 July;
- Advertising and holding a “let’s talk rubbish” event on 27 July;
- Holding a hearing for submitters that wished to be heard to present their submissions verbally on 24th August 2017.

Feedback from the Te Karearea and “let’s talk rubbish” meetings, although not submissions, are considered part of this report.

Submissions closed on 5 August 2017. Including four late submissions, a total of sixty-three submissions were received. Fourteen initially indicated that they wished to be heard.

3 Discussion

Submitters have raised a wide range of issues and provided a range of constructive ideas to improve the draft Waste Minimisation and Management Plan.

In some cases, the suggestions add to the clarity of the plan and amendments are proposed accordingly.

Examples include:

- Add an action to advocate for Product Stewardship alongside other Councils and other interested parties.
- Treat waste as a resource with Council focused on maximizing the value through design of collection and processing services.

In other cases, suggestions have operational implications for Council. In this case options to address each issue have been identified and are offer for discussion by Council.

Examples include:

- Amend the Vision to include a commitment to 'zero waste'.
- Retain the current, crate with kerbside sorting of materials based recycling service.
- Local processing of materials e.g. sorting of recyclable materials.
- Collection of bulky rubbish from households or provision of vouchers for free disposal.
- Illegal dumping (various suggestions including lower prices, bulky waste collection and/or voucher disposal system).

A summary of the main issues and options is attached to this report.

With the aim to foster discussion a draft of the WMMP (attached) has been annotated to incorporate feedback.

4 Significance and engagement

4.1 Significance

Review of the Waste Minimisation Plan is considered significant under councils Significance and Engagement Policy (POLICY0081) as it has the potential to:

- Have a major and long term impact on Solid Waste Services; and
- Have a major and long term impact on Councils level of service regarding Solid Waste Services.

4.2 Engagement

The public engagement process being undertaken is considered consistent with section 83 of the Local Government Act 2002.

5 Attachments

1. WMMP Submissions
2. Summary of issues and options
3. Marked up draft Waste Minimisation and Management Plan
4. "Lets' Talk Rubbish" feedback
5. LTP "Have Your Say" feedback

Attachment 1

Draft Waste Management and Minimisation Plan

Briefing Meeting

30 August 2017

Copies of feedback received

- I. Index by submitter number
- II. Index by submitter name

**Draft Waste Management and Minimisation Plan
Feedback by submission number**

Sub #	Surname/ Organisation Name	First name	Page #	Sub #	Surname/ Organisation Name	First name	Page #
1	Krollmann	Oliver	1	33	Tiemersma	Akke	55
2	Reid	Sandra	3	34	Bioenergy Association		56
3	Knoch	Martin	4	35	Ewing	Laura	59
4	Jenkins	Chris	5	36	Kerr	Diane	61
5	Kepa	Mere	8	37	Bowker	Anton	62
6	Smith	Brian	10	38	Mallett	Kerry	64
7	Fraser	Anne	14	39	O'Brien	Nicola	65
8	Onerahi Coastline Action Group		15	40	Neckelson	Michele	66
9	Gilbert	ACK & HMJ	17	41	Devenie	Laurel	68
10	Ruakaka Parish Residents and Ratepayers Association Inc.		18	42	Blake	Viktoria	69
11	Edwards	Sophie	19	43	Edwards	Kiri	71
12	Community, Business and Environment Centre		20	44	Clark	Ross	72
13	Sharp	Ceres	22	45	Booty	Zoe	74
14	NZ product stewardship council		24	46	Northland Waste Limited		76
15	Findlay	Heather	28	47	Taylor	Rose	82
16	NorthTec Sustainability Committee		31	48	Weed Action Group		84
17	O'Brien	Lyn	32	49	Lawrence	Jennifer	86
18	Dekusel	Alan	33	50	El-Shayeb	Nora	87
19	OI NZ		34	51	Hollwell	Ash	88
20	Young	David and Sue	40	52	McConnell	Penny	90
21	Taylor	Lisa	42	53	Patukarakeke Te Iwi Trust Board Inc		92
22	Sutherland	Scott	43	54	Allen	Elizabeth	93
23	Collins	Jessica	44	55	Arseneault	Melissa	96
24	Scrap Metal Recycling Association of NZ		45	56	Hollis	Anita	101
25	Norris	George	47	57	Woolams	Ria	102
26	Waetford	Dorothy	48	58	Busck	Jeremy	105
27	Chaplin	Madaline	49	59	Hicks	Barbara	108
28	Tonks	Carmen	50	60	Jansen	Shane	113
29	Gowing	Tom	51	61	Northland District Health Board		116
30	Pope	Georgia	52	62	McEwan	Donna	118
31	Schreuder	Chris	53	63	Kirk	Jenny	119
32	Edney	Glenn	54				

**Draft Waste Management and Minimisation Plan
Feedback by submitter name – alphabetical order**

Sub #	Surname/ Organisation Name	First name	Page #	Sub #	Surname/ Organisation Name	First name	Page #
54	Allen	Elizabeth	93	49	Lawrence	Jennifer	86
55	Arseneault	Melissa	96	38	Mallett	Kerry	64
34	Bioenergy Association		56	52	McConnell	Penny	90
42	Blake	Viktoria	69	62	McEwan	Donna	118
45	Booty	Zoe	74	40	Neckelson	Michele	66
37	Bowker	Anton	62	25	Norris	George	47
58	Busck	Jeremy	105	61	Northland District Health Board		116
27	Chaplin	Madaline	49	46	Northland Waste Limited		76
44	Clark	Ross	72	16	NorthTec Sustainability Committee		31
23	Collins	Jessica	44	14	NZ product stewardship council		24
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41	Devenie	Laurel	68	19	OI NZ		34
32	Edney	Glenn	54	8	Onerahi Coastline Action Group		15
11	Edwards	Sophie	19	53	Patukarakeke Te Iwi Trust Board Inc		91
43	Edwards	Kiri	71	30	Pope	Georgia	52
50	El-Shayeb	Nora	87	2	Reid	Sandra	3
35	Ewing	Laura	59	10	Ruakaka Parish Residents and Ratepayers Association Inc.		18
15	Findlay	Heather	28	31	Schreuder	Chris	53
7	Fraser	Anne	14	24	Scrap Metal Recycling Association of NZ		45
9	Gilbert	ACK & HMJ	17	13	Sharp	Ceres	22
29	Gowing	Tom	51	6	Smith	Brian	10
59	Hicks	Barbara	108	22	Sutherland	Scott	43
56	Hollis	Anita	101	21	Taylor	Lisa	42
51	Hollwell	Ash	88	47	Taylor	Rose	82
60	Jansen	Shane	113	33	Tiemersma	Akke	55
4	Jenkins	Chris	5	28	Tonks	Carmen	50
5	Kepa	Mere	8	26	Waetford	Dorothy	48
36	Kerr	Diane	61	48	Weed Action Group		84
63	Kirk	Jenny	119	57	Woolams	Ria	102
3	Knoch	Martin	4	20	Young	David and Sue	40
1	Krollmann	Oliver	1				

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Oliver Krollmann - 2017-07-05
Date: Wednesday, 5 July 2017 5:14:24 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Oliver Krollmann

* Postal Address:

17 Wai Place, One Tree Point

* Best Daytime Phone Number:

0210378967

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

olli.krollmann@live.com

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) No

Comments

There is no page 13 in the Draft Plan, see comments below

2. Do you agree with the proposed targets (page 14 of the WMMP) No

Comments

There is no page 14 in the Draft Plan, see comments below

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

There is no page 19 in the Draft Plan, see comments below

4. Do you agree with the proposed education actions (page 19 of the WMMP) No

Comments

There is no page 19 in the Draft Plan, see comments below

5. Do you agree with the proposed policy actions (page 19 of the WMMP) No

Comments

There is no page 19 in the Draft Plan, see comments below

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) No

Comments

There is no page 20 in the Draft Plan, see comments below

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Please provide the full version of the WMMP online, as the Draft Plan isn't sufficient to answer questions 1 to 6. I would like to see the implementation of a waste management scheme that mimics the Innovative Waste Kaikoura (<http://www.innovativewastekaikoura.com/>) scheme. Key elements of the new scheme should include higher fees for general rubbish (up to \$5 per bag, to support the polluter pays principle), accepting more recyclables (particularly plastic types 3 to 7), collection points for problem rubbish (like household batteries), green waste recycling at transfer stations, a once a year inorganic collection on demand per household (for a fee of \$10 to \$20), and initiatives to minimise non-recyclables in the district (for example cooperation with supermarkets to eliminate

unnecessary and non-recyclable packaging).

*Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.
If you have supplied a valid email address, a copy of this completed form will be emailed to you.
Otherwise please print a copy of it for your own records before you close this window.
Submit Button - This button will become active when all mandatory fields are filled in (fields marked with *) and you click once on the button.*

All submissions are considered official information under the Local Government Official Information and Meetings Act, and may be published and/or made available to elected members and the public.

From: Sandra Reid
To: [Mail Room](#)
Subject: Recycling
Date: Thursday, 6 July 2017 12:24:46 PM

Hi

I cannot find your draft plan on your website to have my say on waste minimisation so here it is. If the council want to reduce waste why does it not recycle all plastics like every other city does instead of just those stamped 1 & 2? We pay enough to dispose of our rubbish but we are not getting a satisfactory service. I can understand why people don't bother recycling here if they only have plastic rubbish. Also why do our recycling bins have a drainage hole in the highest point of the bin so the rain water can't drain out of them instead of having the drainage hole in the logical place which is the lowest point in the corner of the bin. The contractors must get sick of being drenched when they empty the bins. Probably why they never pick up the objects they drop all along the kerbsides. Come on and give us a decent recycling service.

Cheers Sandra

From: Martin Knoche
To: [Mail Room](#)
Subject: WDC waste minimization - your request for ideas
Date: Thursday, 6 July 2017 6:32:08 PM

Dear Ladies and Gentlemen,

here is initial feedback on your [waste minimization request](#).

I am sitting an external adviser on NorthTec's sustainability committee. We visited Waste Management's RedVale Landfill last week. I suggest we apply similar methods of recovering methane and turning it into electricity or compressed landfill gas to be used by NDHB or other Northland businesses. Furthermore I think applying better reuse, recycling strategies underpinned by education and communication would also go along way.

Happy to provide more detail.

Kind regards,

Martin Knoche

CEO

Northland Innovation Centre (NIC)
8 Marsden Bay Drive
One Tree Point, Whangarei 0178

www.n-ic.nz

Tai Tokerau, the most sustainable region in the Southern Hemisphere by 2015

[Digital Northland Conference](#) - 28-29. August as part of Science Fair @Forum North

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Please consider the environment before printing this email. Thanks!



Statement of Proposal on the Draft Waste Minimisation and Management Plan 2018 (subject to the Special Consultative Procedure process) Feedback and Submission Form

Thank you for taking this opportunity to comment on the Statement of Proposal on the Draft Waste Minimisation and Management Plan.

Points to remember when making a submission

- Please print clearly. The form should be easy to read and be understood, and may need to be photocopied.
- We will respond in writing to every submission received. Please ensure that you provide appropriate contact details so that our response gets back to you.
- All submissions are considered public under the Local Government Official Information and Meetings Act, and may be published and made available to elected members and the public.
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- Hearings for Submissions will take place on **24 August 2017** in Council Chambers, Forum North.

How to get this form to us

Mail to: Draft Waste Minimisation and Management Plan,
Whangarei District Council,
Private Bag 9023,
WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.

Please enter your details below

First name(s) Chris

Last name Jenkins

Postal address 38 Whareora Road
Whangarei 0112

Best daytime phone number 021 025 25 074 Mobile 021 025 25 074

Email mail@chrisjenkins.co.nz

I am writing this submission (box) as an individual on behalf of an organisation

Name of organisation —

Do you wish to be heard in support of your submission? (box) Yes No

Please provide your feedback below

You don't have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the vision, goals and objectives (page 13 of the WMMP). (✓ box) Yes No

Comments
I like the focus on reducing waste. Pages 3+4 present some interesting data that could be used to set some specific + challenging targets eg reducing wood waste.

2. Do you agree with the proposed targets (page 14 of the WMMP)? (✓ box) Yes No

Comments
It is good to see a target of less than 800kg/person. What about being specific to drive change eg "less than 750kg/person."

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
It is good to see steps to increase reuse + recycling

4. Do you agree with the proposed education actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
I think a lot more could be/should be done in this area. What about community awards focusing on reducing waste or cleaning up illegal dumping.
The plan alludes to social/behavioural change (objective 7 pg 13) but doesn't seem to present any initiatives



5. Do you agree with the proposed policy actions (page 19 of the WMMP)? (✓ box) Yes No

Comments

I know it is really hard but it would be great to see more effort in dealing with illegal dumping etc

6. Do you agree with how we propose to fund the services (page 20 of the WMMP)? (✓ box)

Yes No

Comments

I wonder if it is possible to partner with community groups and MFE on a major behavioral change programme?

7. Please provide any other comments you may have on the WMMP (please include the heading and page number the that comment relates to)

Empty lined area for additional comments.

If you have any further comments, please include them on a separate sheet. Make sure that you include your name, address and phone number on the separate sheet.

Signature:

[Handwritten signature]

Date:

7/7/2017

From: Mere Kepa
To: [Mail Room](#)
Cc: [Cr. Shelley Deeming](#); [Solomon Tipene](#); [Juliane Chetham](#); [Deborah Harding](#); [Jared Pitman](#); [Luana Pirih](#); [Robyn Patricia Hembry](#); [Sue Tisdall](#); [Marina Fletcher](#); [Selwyn Norris](#); [Patrick Hilton](#); [Mark Strang](#); [John Paki](#); [Bart & Paea de Reuiter](#)
Subject: WASTE MINIMISATION PLAN SUBMISSION
Date: Tuesday, 18 July 2017 6:56:28 PM

Tena koe ratou ma,
Once again, I have not been able to use the online submission form on my computer. My submission is as follows:

WHANGAREI DISTRICT COUNCIL

WASTE MINIMISATION PLAN SUBMISSION & REGISTRATION

18 July 2017

First name(s): Mere

Last name: Kepa

Postal address: 337 Takahiwai Road, RD1 Whangarei 0171

Best daytime phone number: 094330360

Mobile: Nil

Email: tkep001@gmail.com

I am writing this submission (✓)

Organisation name: NIL

Have you say about rubbish ...

The range of items available for purchase have grown exponentially since colonisation was commenced in Aotearoa, New Zealand by Queen Victoria's missionaries, traders, whalers, sealers, military, police, teachers, land agents and developers but councils, businesses and households' understanding of their genesis has diminished almost to the point of obscurity. Modern commercial endeavours, moreover, may not be of the kind that people have been taught to associate with waste minimization. The endeavours involve battles fought with the most bathetic instruments, two-for-the-price-of-one specials, sticker based bribes like red and yellow tag bargains, and free stickers of the All Blacks, but they are battles nevertheless, comparable in their intensity and demands to hunting and gathering through the forests of pre-European-Aotearoa. Therefore, the big question is How can the Whangarei District councillors manage businesses and households' consumerism with attaining waste minimization or reduction? Most of the councillors' effort will focus on keeping the Vision sharp

and distinct at all times. They will be wise to remember that at the heart of waste reduction lies an imperative which is undoubtedly urgent and simple, namely survival. They will be preoccupied with the ancient task of trying to stay alive, which simply happens to require, in a consumer economy overwhelmingly based on the satisfaction of peripheral desires, activities of waste management that are precise and rule-bound, regular and punctual, and that honour beauty and nature.

REFERENCE

De Bottom, Alain. (2009). The pleasures and sorrows of work. Australia: Penguin Group. ISBN:9780241143537

Solid waste management bylaw-2013

Te Kārearea Strategic Partnership Forum

Noho ora mai na Mere

Language is shared humanity

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Private Bag 9023,
WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.



Please enter your details below

First name(s) BRIAN

Last name SMITH

Postal address 230 MAESDEN PT RD RUAKAKA

Best daytime phone number _____ Mobile 021 771 030

Email briansmith27@me.com

I am writing this submission (box) as an individual on behalf of an organisation

Name of organisation _____

Do you wish to be heard in support of your submission? (box) Yes No

Please provide your feedback below

You don't have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the vision, goals and objectives (page 13 of the WMMP). (✓ box) Yes No

Comments
N/A

2. Do you agree with the proposed targets (page 14 of the WMMP)? (✓ box) Yes No

Comments
N/A

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
N/A

4. Do you agree with the proposed education actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
N/A

5. Do you agree with the proposed policy actions (page 19 of the WMMP)? (✓ box) Yes No

Comments
N/A

6. Do you agree with how we propose to fund the services (page 20 of the WMMP)? (✓ box)

Yes No

Comments
N/A

7. Please provide any other comments you may have on the WMMP (please include the heading and page number the that comment relates to)

I wish to make a part of
Submission Having some
experience in Waste Management
and Recycling
I attach a email sent to
CR Hulse and are awaiting
his Reply

If you have any further comments, please include them on a separate sheet. Make sure that you include your name, address and phone number on the separate sheet.

Signature:



Date:

19/7/2017

Original-envelope-id: 0OSZ011HAWN80130@st13p27im-asmt003.me.com
Reporting-MTA: dns:st13p27im-asmt003.me.com (tcp-daemon)
Arrival-date: Wed, 12 Jul 2017 20:52:22 +0000 (GMT)

Original-recipient: rfc822;philandflow@farmside.co.nz
Final-recipient: rfc822;philandflow@farmside.co.nz
Action: failed
Status: 5.0.0 (Remote SMTP server has rejected address)
Remote-MTA: dns:mx1.farmside.co.nz (TCP[17.162.190.112|31290|118.82.130.35|25]
(mx1.farmside.co.nz)
Diagnostic-code: smtp;550 No such user (philandflow)
-ERR philandflow@farmside.co.nz Not Located

From: Brian Smith <briansmith27@me.com>
Subject: Re Waste Minimisation
Date: 13 July 2017 at 8:52:16 AM NZST
To: "<philandflow@farmside.co.nz>" <philandflow@farmside.co.nz>

Greetings Phil

I am preparing a submission for waste minimisation plan 2018 and would appreciate if you could supply the following information

- 1 Waste Levy how much has the council received since 2012 and what projects were funded
- 2 What dividend has council received from the joint venture land fill company for the years 2012 to 2016
- 3 How much does council pay per ton including transport to dispose of sewage sludge from treatment plant to landfill
- 4 How much does council pay per annum for household waste collection and disposal
- 5 when was this contract last tendered
- 6 when will it be retendered

I thank you in advance this information will enable me to present a positive submission

Due to the fact that submissions close on 5th August i would appreciate an early answer

MY KIND REGARDS

BRIAN SMITH

230 MARSDEN PT RD

RUAKAKA

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Anne Fraser - 2017-07-24
Date: Monday, 24 July 2017 12:06:56 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Anne Fraser

* Postal Address:

1250 Pataua North Road
RD 5

* Best Daytime Phone Number:

0212577076

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0212577076

Email:

agf@clear.net.nz

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

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Comments

2. Do you agree with the proposed targets (page 14 of the WMMP)

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP)

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP)

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

1. Yes to green waste at transfer stations.
 2. Council to support a plastic bag fee nationally.
 3. Employ someone to divert waste streams from commercial and construction work.
 4. Council to support a national bottle and can refund scheme to reduce litter and recycling.
 5. I suggest that WDC provide a voucher for one free trailer load of rubbish to the dump per household to reduce fly tipping. Is there a soft plastic recycling collection at the dump? If so, please publicize, if not, please start one. Bigger fines or community service for fly tippers. Promote paper rubbish bag use (less plastic waste) by reducing the cost of stickers, so that it is the same price to buy a paper rubbish sack and sticker as it is to buy the council approved plastic ones.



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- Prior to the closing date for submissions, there will be an opportunity for you to have your say, ask question etc in a "have your say day" which will be advertised in the Northern Advocate and Whangarei Leader.
- Hearings for Submissions will take place on 24 August 2017 in Council Chambers, Forum North.

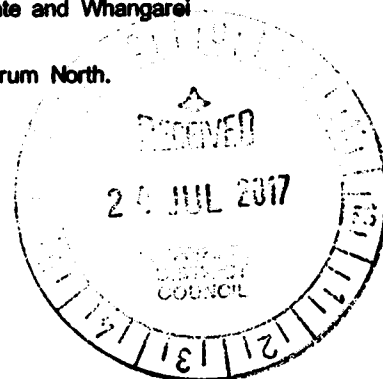
How to get this form to us

Mail to: Draft Waste Minimisation and Management Plan,
Whangarei District Council,
Private Bag 9023,
WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.



Please enter your details below

First name(s) } Valerie Green-Moss
Last name } Brian McLachlan
Postal address _____
3 Scott Lane Onekahi Whangarei 0110.
Best daytime phone number 4363660 Mobile -
Email brianandvaleriemclachlan@gmail.com
I am writing this submission (✓ box) as an individual on behalf of an organisation
Name of organisation Onekahi Coastline Action Group
Do you wish to be heard in support of your submission? (✓ box) Yes No

Valerie M.
[Signature]

14 July 2017.

Onerahi CoastLine Action Group submission to WDC Waste minimisation Document.

Members of the Onerahi CoastLine Action Group (OCLAG) engage in weed-busting, revegetation and litter collection around the Onerahi Peninsula.

The group encounters other individuals or groups who are enthusiastic about picking up litter as they walk around the area. However, the cost of disposing of rubbish is a disincentive.

Two examples: neighbours in Sorrento Street who walk in that area are happy to collect litter, and have been provided with rubbish bags by OCLAG (at the convenors' own expense). On the 30th April this year, a group of volunteers cleaned up part of the Waimahanga Track (see photo) and were lucky to have contacts to remove the rubbish for them.

OCLAG would like to see Council encourage people volunteering to pick up litter by providing them with rubbish bags/labels or skips. So that the onus of providing this does not fall on council employees, and to reinforce the spirit of community, OCLAG suggests that interested people apply through their local community association.



Valerie Green-Moss and Brian McLachan. Co-convenors of the Onerahi CoastLine Action Group.

3 Scott Lane
 Onerahi
 Whangarei 0110.
 436 3660

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - ACK & HMJ Gilbert - 2017-07-25
Date: Tuesday, 25 July 2017 11:39:39 AM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

ACK & HMJ Gilbert

* Postal Address:

PO Box 7174
 Tikipunga
 Whangarei 0144

* Best Daytime Phone Number:

021 566 748

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

021 566 748

Email:

judigilbert@xtra.co.nz

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) Yes

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP) Yes

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

We do not agree with first two bullet points regarding the use of wheelie bins. Wheelie Bins, 80L or 240L, would be extremely difficult for households, with steep driveways or right of ways, to get them to collection points. We are opposed to the use of wheelie bins if roadside bin collection was halted. Roadside recycle bins are more manageable, especially for the elderly, and they can be transported easily by car. Recyclables could also be separated more easily using small bins - green for glass, brown for plastics. Using wheelie bins does not encourage households to reduce waste.

4. Do you agree with the proposed education actions (page 19 of the WMMP) Yes

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Yes

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Yes

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

4.3 Council's intended role (page 16 of the WMMP). Council states 'where there are services with a public good component, Council will provide funding in whole or in part.' There should be no charge for volunteer community groups and individuals who dispose of rubbish gathered from public places such as road sides, reserves and beaches. Transfer fees should be waived or council bags supplied free of charge.

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Warren James Daniel - 2017-07-25
Date: Tuesday, 25 July 2017 4:12:21 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Warren James Daniel

* Postal Address:

PO Box 151,
Ruakaka, 0151

* Best Daytime Phone Number:

09 4327268

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0275327268

Email:

wjdaniel@xtra.co.nz

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

on behalf of an organisation

Name of Organisation:

Ruakaka Parish Residents and Ratepayers Association I...

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission?

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP)

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP)

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

Comments

We wish to have the uretiti Transfer hours of operation extended. It should be open from 10.00am to 5.00pm daily 7 days a week

4. Do you agree with the proposed education actions (page 19 of the WMMP)

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP)

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Our wishes regardig the Uretiti Transfer Station hours of operation stem from:

1. Need to Create consistency in times of operation for all residents and ratepayers.
2. Opening until 5.00pm on a Sunday or Public Holiday will ensure that local holiday home occupiers (of which there are many in the Bream Bay area) and visitors will be able to leave their garbage at the Transfer Station on their journey southwards - we feel that would reduce 'fly tipping' in our district.

Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.

If you have supplied a valid email address, a copy of this completed form will be emailed to you.

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Sophie Edwards - 2017-07-26
Date: Wednesday, 26 July 2017 11:21:55 AM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Sophie Edwards

* Postal Address:

PO Box 403017
Ngunguru

* Best Daytime Phone Number:

09 434 3452

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

sophieedwards@extra.co.nz

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) Yes

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP) Select...

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

I do not agree with the first two bullet points about wheelie bins. While they might be good for some, if the present brown recycle bins were to be wholly replaced by wheelie bins, there would be many who would be unable to get the wheelie bins to a collection point. I live at the end of a very long, very steep right of way in Ngunguru village and I would be unable to make use of a wheelie bin. The fact that I am a 91 independent, a living on my own resident, with a small car and no tow hook makes it even more difficult to transport a wheelie bin. The present brown bin suits me very well as it is easy to lift and transport in my car.

4. Do you agree with the proposed education actions (page 19 of the WMMP) Select...

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Select...

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Select...

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.

If you have supplied a valid email address, a copy of this completed form will be emailed to you. Otherwise please print a copy of it for your own records before you close this window.

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Terry Jones - 2017-07-28
Date: Friday, 28 July 2017 8:37:24 AM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Terry Jones

* Postal Address:

45A Whau Valley Road
Whangarei

* Best Daytime Phone Number:

0221905016

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0221905016

Email:

terry@cbec.co.nz

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

[on behalf of an organisation](#)

Name of Organisation:

CBEC (Community Business & Environment Centre)

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) No

Comments

Moving to one larger single recycle container will increase contamination and not allow segregation to take place in NZ

2. Do you agree with the proposed targets (page 14 of the WMMP) No

Comments

They should be more ambitious and higher. The current rate of 70% to landfill should be the current diverted recycling rate with a long term policy of targeting Zero Waste. NZ has gone backwards in the last 10 years and most waste management companies thrive on the low tax rate levies assigned to landfill use.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

Once again not a fully consulted design and more emphasis on diversion and segregation should be considered. We could employ more local people to conduct recycling segregation here in Whangarei rather than carting the mixed material to Thames for this to happen.

4. Do you agree with the proposed education actions (page 19 of the WMMP) Yes

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Yes

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Yes

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

The created partnership between WDC and it's contracted waste company is both unhealthy and dangerous for the City. It should look more closely at procurement and those blended options working very successfully in AKL which allows community groups to take part of the contract to

cover re-use and recycling where targets have increased and landfill reduced. Manufacturers also need to group together to reconsider old schemes such as deposit on re-usable containers which saves waste and energy in reproduction.

Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.

If you have supplied a valid email address, a copy of this completed form will be emailed to you.

Otherwise please print a copy of it for your own records before you close this window.

*Submit Button - This button will become active when all mandatory fields are filled in (fields marked with *) and you click once on the button.*

All submissions are considered official information under the Local Government Official Information and Meetings Act, and may be published and/or made available to elected members and the public.

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Ceres Sharp - 2017-07-28
Date: Friday, 28 July 2017 2:47:44 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Ceres Sharp

* Postal Address:

747 Three Mile Bush road
 RD1 Kamo
 Whangarei

* Best Daytime Phone Number:

027 2466 503

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

027 2466 503

Email:

44ceres@gmail.com

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) Yes

Comments

This vision statement is exactly the same as that in the 2012 document - and in my opinion a little drab and outdated.

How about something along the lines of: " To lead the way in the development and implementation of reducing and recycling community waste"

And: "Whangarei's community and businesses will receive a dedicated waste minimisation service that engages and educates all stakeholders to continually improve its operations and attain the goal of Zero Waste by 2030.

The rest of the goals are pretty straightforward -

It would be good to see 'community education' among the objectives this will help them to be achieved.

2. Do you agree with the proposed targets (page 14 of the WMMP) No

Comments

Target 1.1 should be reduce quantity fo waste generated not ' maintain or reduce' this is too open and requires no effort. 2.1- make it easy and effective by providing bins of different colour eg: red for Glass and Blue for plastics/paper.I dont believe 240 litre bins for mixed recycling is a good idea nor will it encourage recycling.

firstly a full 240 litre bin is very heavy and with an aging population, hilly terrain, long driveways it is going to be to hard to take the bin to the kerbside. Assuming everyone has a car and a tow-bar so they can tow the bin up their driveway is pretty short sighted and presumptuous.

Secondly: there is a far higher risk of glass being broken and cross contamination to occur in a large closed bin. Would this not be an increased health risk to workers rather than minimising the risk? Cross contamination also devalues the recyclables and will result in an increase of the amount entering the land fill rather than a decrease.

number 2.3 using universal color coding for bins will help make it easier for households to recycle.

Target 4.1 - change to ' publish a summary of data... rather than available data, and make sure Northland Waste is efficient and transparent about keeping records of what is entering the land fill

and what is being recycled including the costs and income generated from each waste

target 5.1 - illegal dumping will decrease if the focus is on educating people in ways to reduce, reuse, recycle and refuse.
it wont decrease by making disposal harder - such as increasing disposal charges, and reducing opening hours at rural transfer stations.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

Comments

80 litre wheelie bins are a great idea, however maybe there could be an option of two sizes depending on the size of the household. an eighty litre bin should be an option for recycling as well.

A green waste collection and community compost site - im sure a similar initiative used to exist in the 1990s at the Pohe island landfill. An insentive of 2 bags of free compost per house hold per year would encourage people to bring their green waste to a central point rather than send it to landfill.

provide recycling bins in public areas - this needs to happen here to help reduce the amount going to landfill. Include an inorganic waste collection twice a year, and also an e waste collection several times a year. these items contain many recyclable materials and can be a source of employment and income.

4. Do you agree with the proposed education actions (page 19 of the WMMP)

Comments

not enough focus on education. an effort needs to be made to educate people on different waste streams. currently it is so confusing most people cant be bothered and put it in the rubbish bin.

5. Do you agree with the proposed policy actions (page 19 of the WMMP)

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

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Otherwise please print a copy of it for your own records before you close this window.

*Submit Button - This button will become active when all mandatory fields are filled in (fields marked with *) and you click once on the button.*

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29/07/2017

RE: Draft Waste Minimisation and Management Plan
 Whangarei District Council,
 WHANGAREI 0148
 mailroom@wdc.govt.nz

Submission in response to the Whangarei District Council draft WMMP 2017

[Who are we?](#)

The New Zealand Product Stewardship Council (NZPSC) is an independent voice for effective product stewardship on behalf of the wider community. We support inclusive government, industry and community engagement around the investigation and implementation of product stewardship and related regulation, similar to successful international examples.

Our aim is to ensure to ensure programs are developed that benefit the whole of society through

- upholding the public interest by providing an independent voice to advise and work with government and industry on effective product waste strategies;
- maintaining a forum for the exchange of information and ideas to build capacity, trust and knowledge among local government, industry and community stakeholders;
- providing leadership on mandatory product stewardship in New Zealand by researching, designing, and prioritising regulatory product stewardship programs;
- encouraging and supporting industry on proposed product stewardship programs in New Zealand based on those that have been successful overseas; and
- building community awareness of the costs and environmental impacts of product waste and how to minimise these through purchasing decisions.

[What is Product Stewardship?](#)

Product Stewardship is the act of minimizing health, safety, environmental and social impacts, and maximizing economic benefits of a product and its packaging throughout all lifecycle stages. The producer of the product has the greatest ability to minimize adverse impacts, but other stakeholders, such as suppliers, retailers, and consumers, also play a role.

Product stewardship seeks to ensure that those who design, manufacture, sell, and use consumer products take responsibility for reducing negative impacts to the economy, environment, public health, and worker safety. These impacts can occur throughout the lifecycle of a product and its packaging, and are associated with energy and materials consumption; waste generation; toxic substances; greenhouse gases; and other air and water emissions.

In a product stewardship approach, manufacturers that design products and specify packaging have the greatest ability, and therefore greatest responsibility, to reduce these impacts by attempting to incorporate the full lifecycle costs into the cost of doing business. There are two related features of Product Stewardship policy:

- (1) shifting financial and management responsibility, with government oversight, upstream to the producer and away from the public sector; and
- (2) providing incentives to producers to incorporate environmental considerations into the design of their products and packaging.

Stewardship can be either voluntary or required by law (mandatory). In NZ, mandatory product stewardship can only be enacted if a product is made a priority product under the Waste Minimisation Act 2008.

Product Stewardship is the term used in the Waste Minimisation Act 2008 and is intended to:

encourage (and, in certain circumstances, require) the people and organisations involved in the life of a product to share responsibility for—

- (a) *ensuring there is effective reduction, reuse, recycling, or recovery of the product; and*
- (b) *managing any environmental harm arising from the product when it becomes waste.*

Consultation: Waste Management and Minimisation Plan 2017

The NZPSC is surprised that the WDC 2017 WMMP makes no mention of producer responsibility for waste, nor does it support the introduction of product stewardship.

Product stewardship has the ability to significantly reduce the costs and responsibility for waste currently borne by Whangarei District Council, and its ratepayers. It seems unusual that council would *not* wish the existing regulations within the Waste Minimisation Act 2008 (s2) to be enacted to enable industry and producers to share these costs and responsibility.

In our experience, this may very well make Whangarei District Council the only council in NZ that does not include a section on producer responsibility, or a specific action to advocate for producer responsibility.

Examples from other councils include:

Matamata-Piako; Thames-Coromandel; Hauraki Joint WMMP 2017 – 2023

Discussion:

Advocating for product stewardship (producer responsibility) - waste streams such as E-waste, agricultural chemicals and their containers; and tyres require central government to activate product stewardship and other regulatory mechanisms in order to achieve better waste management outcomes. Councils are likely to have greater influence on achieving product stewardship by presenting a unified voice.

Medical waste- as home based healthcare is increased across the region, medical waste issues will increase. Working together provides the best opportunities to support Waikato District Health Board to establish a medical waste management scheme to support those utilising home healthcare.

Action:

Work with territorial and regional councils and other organisations to promote enhanced product stewardship schemes including accredited and priority product schemes under the WMA 2008

Waipa District Council WMMP 2017-2023

Discussion:

(a) Shared responsibility for waste / product stewardship

The Waste Minimisation Act 2008 places the greatest responsibility for minimising and managing waste on to local councils. However, councils only control a small part of the waste stream and in order to achieve significant waste minimisation other parties need to share the responsibility. In particular:

- Manufacturers and distributors of products have the ability to control end-of-life waste at the design and manufacturing stages of the product life-cycle
- Organisations responsible for product or service provision need to plan for the associated waste requirements at end-of-life e.g. agricultural chemical companies collecting old chemicals for appropriate disposal
- Regional Council and Central Government have the ability to enforce regulations around appropriate storage and disposal of key materials e.g. tyres

- Central Government has the ability to implement regulatory mechanisms to control key waste streams at a national level e.g. product stewardship schemes for waste tyres, agricultural chemicals, e-waste; or other regulation such as bottle deposit schemes.

Council will have greater influence achieving shared waste responsibility, regulation or product stewardship by presenting a unified voice and working with other responsible organisations including Central Government, Regional Councils, Local Authority Shared Service (LASS), Regional Special Interest Groups (SIGs), industry groups, DHBs and the community.

Action:

Use Council influence to advocate for increased producer responsibility, including supporting a national debate around rural waste and agrichemicals; and a bottle deposit scheme.

Hamilton City Council 2017-2023 (draft)

Proposed action:

Collaborate with local government organisations, NGOs and other key stakeholders to undertake research and actions on various waste issues including (but not limited to) demanding central government regulation and product stewardship for key waste streams such as e-waste, tyres, plastic bags, packaging etc.

Auckland Council WMMP 2012

Discussion:

The purpose of this part is to encourage (and, in certain circumstances, require) the people and organisations involved in the life of a product to share responsibility for:

- ensuring there is effective reduction, reuse, recycling or recovery of the product; and
- managing any environmental harm arising from the product when it becomes waste.

Action:

Advocacy for Container Deposit Legislation subject to further discussion with industry, and development of product stewardship schemes for products such as electronic waste, tyres, batteries, nappies etc

The NZPSC recommendation:

The NZPSC strongly recommends that WDC

- Insert a section on the benefits of product stewardship, and
- Include an action to advocate for product stewardship and support other organisations who are also calling for product stewardship.

We recommend the following wording:

Suggested wording for a section on product stewardship:

Shared responsibility for waste / product stewardship

The Waste Minimisation Act 2008 places the greatest responsibility for minimising and managing waste on to local councils. However, councils only control a small part of the waste stream and in order to achieve significant waste minimisation other parties, particularly the producers and retailers that put products into the market need to share the responsibility.

In particular:

- Manufacturers and distributors of products have the ability to control end-of-life waste at the design and manufacturing stages of the product life-cycle
- Organisations responsible for service provision need to plan for the associated waste requirements when establishing the service e.g. DHB's considering client waste needs when moving health services from being hospital based to home based

- Regional Council and Central Government have the ability to enforce regulations around appropriate storage and disposal of key materials e.g. tyres
- Central Government has the ability to implement regulatory mechanisms to control key waste streams at a national level e.g. product stewardship schemes for waste tyres, agricultural chemicals, e-waste; or other regulation such as container deposit schemes for packaging

Councils will have greater influence on achieving shared waste responsibility, regulation or product stewardship by presenting a unified voice and working with other responsible organisations including Central Government, Ministries, Regional Councils, Local Authority Shared Services (LASS), Regional Special Interest Groups (SIG's), industry groups, DHB's and the community. There are also benefits to working with national and local advocacy groups, such as the NZ Product Stewardship Council, Community Recycling Network, Zero Waste in New Zealand and Pare Kore who are working towards the implementation of effective product stewardship in New Zealand.

Suggested wording for an Action related to product stewardship:

Whangarei District Council intends to:

- Advocate for increased producer responsibility, including central government regulation for a container deposit scheme and product stewardship for key waste streams such as agricultural waste, tyres, plastic bags and packaging.
- Support other groups who advocate for product stewardship and a container deposit scheme

Opportunity to make oral presentation

The NZPSC would appreciate an opportunity to make an oral presentation in support of our submission. Our oral submission would enable us to provide greater explanation around product stewardship and the role of the New Zealand Product Stewardship Council, and to answer councillors questions related to the anticipated outcomes from central government regulation related to waste.

Contact information

NZPSC

Co-ordinator: sandra.murray@nzpsc.nz

Phone: 021-890 629

Web: www.nzpsc.nz



Statement of Proposal on the Draft Waste Minimisation and Management Plan 2018 (subject to the Special Consultative Procedure process) Feedback and Submission Form

Thank you for taking this opportunity to comment on the Statement of Proposal on the Draft Waste Minimisation and Management Plan.

Points to remember when making a submission

- Please print clearly. The form should be easy to read and be understood, and may need to be photocopied.
- We will respond in writing to every submission received. Please ensure that you provide appropriate contact details so that our response gets back to you.
- All submissions are considered public under the Local Government Official Information and Meetings Act, and may be published and made available to elected members and the public.
- Your submission will not be returned to you once it is lodged with Council. Please keep a copy for your reference.
- Prior to the closing date for submissions, there will be an opportunity for you to have your say, ask question etc in a "have your say day" which will be advertised in the Northern Advocate and Whangarei Leader.
- Hearings for Submissions will take place on **24 August 2017** in Council Chambers, Forum North.

How to get this form to us

Mail to: Draft Waste Minimisation and Management Plan,
Whangarei District Council,
Private Bag 9023,
WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.

Please enter your details below

First name(s) Heather

Last name Findlay

Postal address Po Box 8128, Kensington 0145

Best daytime phone number 02108251717 → Mobile _____

Email hkfindlay@gmail.com

I am writing this submission (✓ box) as an individual on behalf of an organisation

Name of organisation _____

Do you wish to be heard in support of your submission? (✓ box) Yes No



Please provide your feedback below

You don't have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the vision, goals and objectives (page 13 of the WMMP)? (✓ box) Yes No

Comments
in part
- add minimise illegal dumping
- environmental impact re above
- cost reduction re above (clearing/ removing etc)

2. Do you agree with the proposed targets (page 14 of the WMMP)? (✓ box) Yes No

Comments
add:
- cost effectively
- upcycling where possible

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
- need skip bins placed in key areas throughout town for recycling glass (collection by WDC)
- all pensioners don't have cars
- need more rubbish bins or Haeta Loop / doggie poo bags etc (dispensers)

4. Do you agree with the proposed education actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
- holiday parks
- beaches etc
- Letterbox drops

5. Do you agree with the proposed policy actions (page 19 of the WMMP)? (✓ box) Yes No

Comments

6. Do you agree with how we propose to fund the services (page 20 of the WMMP)? (✓ box)

Yes No

Rate payers should pay for ^{allocation-} waste ^{service}

Comments

WDC should provide rate payers with a free green & refuse voucher per year. In future suggest all central Whangarei have wheelby bins for waste & recycling.

7. Please provide any other comments you may have on the WMMP (please include the heading and page number the that comment relates to)

Recycling bins ^{collection} could be fortnightly. All inner WRE households have wheelie bins ^{paid in rates} yearly & curbside collection - creates upcycling and furniture recycling.

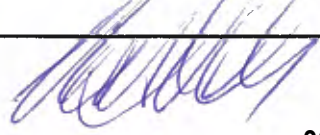
Whitegoods can be properly disposed of in lieu of dumped in rural areas

Suggest ^{Free} Tip Vouchers for all rateholders which promotes healthy use of waste disposal and safety/environment.

Key skip bins spread through town for glass recycling. WDC would pay for collection.

If you have any further comments, please include them on a separate sheet. Make sure that you include your name, address and phone number on the separate sheet.

Refer to Brisbane City Council who have an excellent waste ~~plan~~ ^{Waste Mgmt Plan}

Signature:  Date: 21/7/17

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Valerie Green-Moss and Vania Hamlin - 2017-07-31
Date: Monday, 31 July 2017 10:21:32 AM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Valerie Green-Moss and Vania Hamlin

* Postal Address:

151 Raumanga Valley Road,
Raumanga
Whangarei 0110

* Best Daytime Phone Number:

470 3787 or 470 3603

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

vgreen-moss@northtec.ac.nz; vhamlin@northtec.ac.nz

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

on behalf of an organisation

NorthTec Sustainability Committee

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) Yes

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP) Yes

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) Yes

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP) Yes

Comments

[A key part of our submission](#)

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Yes

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Yes

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

NorthTec Sustainability committee believes the Purewa landfill should be optimised to become a resource, as opposed to a liability.

The existing infrastructure should be utilized to optimise the capture of methane at Purewa for resale, and to recover leachate efficiently. Compressed methane gas could be sold to community services, such as the Whangarei Hospital. Redvale Landfill is a good example of this.

NorthTec Sustainability committee also believes the community should be educated to not only minimise waste, but to make the right buying decisions - for example, cotton, not synthetic, as cotton would ultimately be converted to methane and make the recovery of methane more viable.

From: Lyn O'Brien
To: [Mail Room](#)
Subject: Waste Minimisation Plan
Date: Monday, 31 July 2017 8:05:04 PM

We are a retired couple, living on a lifestyle block down a long metal driveway off State Highway 1. After many years of handling our own rubbish disposal the introduction of roadside waste collection and recycling in our area a few years ago was most welcome.

In practice we still have very little to put in our rubbish bags for collection – we grow our own fruit and vegetables and buy very little in the way of pre-prepared food, preferring to cook our own from scratch. We compost our food scraps, so most of the content of our rubbish bags is packaging products that cannot currently be recycled. We are very keen on re-using and recycling things, and take re-usable bags to the supermarket to cut down on the plastic bag usage. We only need to put a rubbish bag out for collection at most once every 2 months – certainly not every week.

Recycling is another matter – we use our recycling crate every week and appreciate being able to do so. The main contents are plastic milk bottles and paper.

I wish to comment on your proposal to use large 240litre bins for recycling:

- This bin may be useful for people in town or who have a large household producing a lot of bottles and cans, but it would be too big for us.

- I believe that this would be the case for many retired couples and other small households.

- Even though we recycle as much as possible we do not have sufficient to even fill the current recycling crate each week.

- The current crate is easy to store close to where I need it – we do not have room for a large bin.

- The crate fits nicely into our wheelbarrow to take it down our long metal driveway, whereas a large bin would be awkward to handle.

- If you do decide to proceed with the introduction of these large bins please make it optional – we would prefer to keep our crate.

On the subject of rubbish minimisation – we would have even less rubbish to go to the landfill if the range of plastics for recycling was increased, instead of just being numbers 1 and 2. Is there any likelihood of this happening?

(Mrs) Lyn O'Brien
4068 State Highway 1
RD2
Waipu 0582
Ph 432 0403

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Alan Dekusel - 2017-08-02
Date: Wednesday, 2 August 2017 10:28:06 AM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Alan Dekusel

* Postal Address:

Whangarei

* Best Daytime Phone Number:

0273346600

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0273346600

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP)

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP)

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP)

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP)

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Suggestion of 240 litre wheelie bins is not practical in rural areas where rubbish is taken to a collection point.

Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.

If you have supplied a valid email address, a copy of this completed form will be emailed to you.

Otherwise please print a copy of it for your own records before you close this window.

Submit Button - This button will become active when all mandatory fields are filled in (fields marked with *) and you click once on the button.

All submissions are considered official information under the Local Government Official Information and Meetings Act, and may be published and/or made available to elected members and the public.

Statement of Proposal on the Draft Waste Minimisation and Management Plan 2018 (subject to the Special Consultative Procedure process) Feedback and Submission Form

Thank you for taking this opportunity to comment on the Statement of Proposal on the Draft Waste Minimisation and Management Plan.

Points to remember when making a submission

- Please print clearly. The form should be easy to read and be understood, and may need to be photocopied.
- We will respond in writing to every submission received. Please ensure that you provide appropriate contact details so that our response gets back to you.
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- Your submission will not be returned to you once it is lodged with Council. Please keep a copy for your reference.
- Prior to the closing date for submissions, there will be an opportunity for you to have your say, ask question etc in a "have your say day" which will be advertised in the Northern Advocate and Whangarei Leader.
- Hearings for Submissions will take place on **24 August 2017** in Council Chambers, Forum North.

How to get this form to us

Mail to: Draft Waste Minimisation and Management Plan,
Whangarei District Council,
Private Bag 9023,
WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.

Please enter your details below

First name(s) Penny

Last name Garland

Postal address Po Box 12345
Pennrose, Auckland 1642

Best daytime phone number 027 2268585 Mobile 027 2268585

Email penny.garland@o-i.com

I am writing this submission (box) as an individual on behalf of an organisation

Name of organisation O-I NEW ZEALAND

Do you wish to be heard in support of your submission? (Yes) No

Please provide your feedback below

You don't have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the vision, goals and objectives (page 13 of the WMMP). (✓ box) Yes No

Comments
See attached submission

2. Do you agree with the proposed targets (page 14 of the WMMP)? (✓ box) Yes No

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments



Penny Garland
 Regional Cullet Manager
 Government Affairs
 O-I Asia Pacific
 PO Box 12 345, Penrose
 Auckland 1642
 Telephone +64 9 976 7127
 Email penny.garland@o-i.com

August 2017

O-I NEW ZEALAND SUBMISSION TO WHANGAREI DISTRICT COUNCIL ON GLASS-ONLY COLLECTIONS

O-I New Zealand (O-I) wishes to provide some background as to why glass-only collections (or split-stream) are the best way forward for the Whangarei District Council.

O-I NZ proposes a split-stream system for recyclables collection in the Whangarei district – one for glass, one for other recyclables.

The split-stream system (glass one week, other commingled recyclables the next) was successfully first introduced in Dunedin (March 2011) and Wellington (May 2011), with colour-sorted glass from these cities now providing quality recycled glass (cullet) for O-I's furnaces.

It is significant that Wellington and Dunedin City Councils introduced separate glass collections in 2011, after optical sorting technology became available in New Zealand (Auckland), thereby recognising that this method has greater long term economic and environmental benefits, and conserves resources.

Both Councils have already seen this system deliver on its objectives, and have expressed their satisfaction with the outcomes and with public support of this initiative, and have also stated that they will not revert to their old systems. The Councils have reported an increase in glass recycling volumes being collected since the new systems were introduced, which are being sold to O-I at a profit, rather than the previous use, in the case of Dunedin, as a filtration material at the landfill.¹

The split-stream system has resulted in:

- A significant increase in the volume of recyclable glass
- A cleaner supply of recyclable paper for onshore processing at a higher value
- A reduction the use of virgin raw materials (for both paper and glass manufacture)
- A change in the recycling behaviour in the commercial sector
- Lower greenhouse gas emissions

By focusing on the quality of materials collected, the Council would see the value of those materials increase, because the cleaner materials are more useful and valuable to companies like Oji Fibre and O-I New Zealand. Simply put, better quality recyclable materials are worth more to industry, and therefore, to the Council.

The split-stream system results in a greater diversion of materials that would otherwise go to managed fill or landfills or require further processing to be utilised by low-value secondary markets with questionable environmental benefits.

¹ Report from Solid Waste Manager to Dunedin City Council Infrastructure Services Committee dated 26 July 2011, page 3.

The success in implementing the split-stream system across many Council areas; Palmerston North, Buller District, Eastern Waikato joint District Councils, Ashburton, Taranaki, Wellington, Dunedin, is a result of collaboration across the waste recovery sector and the Councils. O-I believes that this type of collaboration with key parties is needed to progress a workable split-stream system and O-I is fully supportive of this approach.

In this way, we can more fully explore how additional collection costs can be offset by higher value received for increased tonnages of all the recovered cullet (versus the tonnes lost if Whangarei went fully commingled) and an increase in value of other recycled materials.

Whangarei presently collects and sorts their recyclables at the kerbside. The Whangarei District Council is one of the largest sources of recycled glass in the Northland region and will be very influential in regard to recovery decisions made by neighbouring districts.

The table below shows the volume increases in four Council areas following a move to split-stream collections:

Wellington – introduced glass only in May 2011
Increased 34% 2010-2012
Increased a further 1% 2012-2013

Dunedin – introduced glass only in March 2011
Increased 44% 2011-2012
Increased a further 4% 2012-2013

Palmerston North – changed to glass only truck December 2012²
Decreased 12% 2011-2012
Increased 62% 2012-2013
Increased a total of 42% 2011-2013

² Palmerston North City Council kept glass collections separate when they changed systems in 2010. However, issues arose from trying to sort colour commingled glass at their sort facility, leading to increased cost, contamination and volume losses. The collection system was redesigned in late 2012.

Taranaki – changed to glass only truck October 2015³
Increased 314% 2015*-2016
Increased a further 9% 2016–2017 (YTD Jan-July)
* 2015 glass recycling tonnes included New Plymouth only. The new system is a partnership with New Plymouth City Council, South Taranaki District Council and Stratford District Council.

Why is commingling a problem?

O-I views commingling as a 'waste' model (i.e. collect the waste and deal with it), rather than as a 'recovery' model, where recyclables are collected with the intention of producing a high quality end product (with commercial value) for the recycling market.

To maximise use of cullet, O-I needs to receive it colour-sorted, i.e. green, brown and clear (flint). When glass is compacted on collection (to achieve transport efficiency), it breaks, resulting in different colours of glass being mixed together. Glass is also mixed with contaminants and in other recyclable materials, such as paper. Small fragments of glass (known as fines) can become embedded in paper, reducing the value and usability of paper that can be recycled in New Zealand.

The collected glass can be machine-sorted, but it is unviable to send this material to Auckland as the technology used to sort the glass results in a loss of 50 percent. The glass collected in some other areas is removed from the sorting process as early as possible and sent to Fulton Hogan as an aggregate replacement for roads. A small tonnage is further processed and sold as a filtration medium.

In order to ensure that the new bottles and jars are fit for purpose and safe, O-I can recycle only bottles and jars. It can't recycle other types of glass, such as Pyrex, drinking glasses, ovenware, window glass, opal glass, ceramics, medical and laboratory glass. The reason is that the composition of these types of glass is different and has a very detrimental impact on quality if mixed with everyday bottles and jars, and can cause breakage with the consumer.

O-I New Zealand is prepared to come and present in person at any time that would suit the Council. Please don't hesitate to ask.

Prepared by Penny Garland, Regional Cullet Manager, O-I Asia Pacific

³ Palmerston North City Council kept glass collections separate when they changed systems in 2010. However, issues arose from trying to sort colour commingled glass at their sort facility, leading to increased cost, contamination and volume losses. The collection system was redesigned in late 2012.

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- Hearings for Submissions will take place on **24 August 2017** in Council Chambers, Forum North.

How to get this form to us

Mail to: Draft Waste Minimisation and Management Plan,
Whangarei District Council,
Private Bag 9023,
WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.

Please enter your details below

First name(s) DAVID and SUE

Last name YOUNG

Postal address 1149 MATAPOURI ROAD
RD 3 WHANGAREI

Best daytime phone number (09) 434 4940 Mobile —

Email gungho_young@hotmail.com

I am writing this submission (✓ box) as an individual on behalf of an organisation

Name of organisation _____

Do you wish to be heard in support of your submission? (✓ box) Yes No

We firmly believe that people need to take responsibility for their own rubbish and that recycling needs to be encouraged. Therefore we prefer the current system of the small recycle bins for glass, cans and plastic and cardboard and newspaper waste being bundled separately.

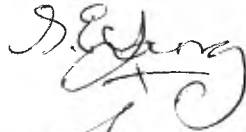
We do not want the idea of 240L bins for all recyclable material as glass will break therefore rendering paper and cardboard unable to be recycled due to the presence of glass shards.

We need to encourage recycling by having the transfer stations open every day of the week even if the hours need to be shortened. Provision must also be made for the separation of green waste at the transfer stations.

We are concerned about the amount of litter that flies out of the recycle trucks and into the drains on the side of a tourist road, or any area for that matter.

We are also concerned about the damage done to the recycle bins by contractors throwing them on to the road after emptying the contents in to the truck.

Signed: Sue Young



David Young



Dated: 02.08.2017

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Lisa Taylor - 2017-08-02
Date: Wednesday, 2 August 2017 8:28:13 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Lisa Taylor

* Postal Address:

30 Brentwood Ave
 Kamo
 Whangarei

* Best Daytime Phone Number:

094351220

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

021355693

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission?

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP)

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP)

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

Comments

I think recycling of organic waste at kerbside should be introduced. I currently put all of my grass clippings into my waste bin and this takes up most of the bin in summer. I think it should all be recycled for composting. I also think food waste should be recycled in some way. I currently put all of my food waste in the freezer during the week and put it all in the bin on rubbish day. It is about half of my general bin waste. Biofuel????

4. Do you agree with the proposed education actions (page 19 of the WMMP)

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP)

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

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Otherwise please print a copy of it for your own records before you close this window.

Submit Button - This button will become active when all mandatory fields are filled in (fields marked with *) and you click once on the button.

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Scott Sutherland - 2017-08-02
Date: Wednesday, 2 August 2017 5:44:42 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Scott Sutherland

* Postal Address:

8 Te Arapuke Way
 Ngunguru RD3
 Whangarei

* Best Daytime Phone Number:

0212520685

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission?

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

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Comments

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Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

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Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

I really am in favour of green waste recycling being provided at transfer stations. The amount of green waste that goes to landfill from Ngunguru is disgusting.

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From: Jessica Collins
To: [Mail Room](#)
Subject: Submission-waste management and minimisation plan.
Date: Thursday, 3 August 2017 10:03:59 AM

3.8.2017

Submission for the WDC waste management and minimisation plan 2017.

- It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.
- The 240 litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work.
- WDC needs to introduce soft plastic recycling.
- WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant.
- Green waste at all transfer stations immediately.
- Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei.
- We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.

Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration in this new waste management plan.

Te anga karaka, te anga koura, kei kitea te Marae.

I would like to speak to my submission.

Jessica Collins

0274382181

jessica.collins@xtra.co.nz



SCRAP METAL RECYCLING
ASSOCIATION OF NEW ZEALAND
INCORPORATED

PO Box 16 0020, Hornby, Christchurch 8441 P: (03) 344 3006 or 0800 NZ SCRAP (0800 69 72 72) F: (03) 349 2820 E: admin@scrapmetal.org.nz www.scrapmetal.org.nz

3 August 2017

Whangarei District Council

Dear Sir/Madam

WASTE MINIMISATION AND MANAGEMENT PLAN

This is the submission of the Scrap Metal Recycling Association of NZ, Inc to the Draft Waste Minimisation and Management Plan.

Our members are experts in metals recycling and so it is disappointing to read that the Council's waste audit 2017 shows that ferrous and non-ferrous metals are being sent to landfill.

As you are aware, scrap metal has the status as a 'diverted material' as defined in the Waste Minimisation Act. It is not a waste, although some people treat it as such.

Many people do not realise that scrap metal is an export industry for New Zealand and that most metals can be recycled an infinite number of times. Metals going to landfill are a wasted opportunity for the country, both environmentally and economically.

Members tell us that, when supporting businesses with demolition and bin hire services, they supply dedicated containers for deposition of scrap metal. Despite these efforts, metals are disposed of with the general rubbish items. This leads us to believe that an education programme would be beneficial and we would like to offer our assistance to the Council in developing communications about metals recycling.

We are also aware that there are significant amounts of scrap metal in the rural environment, but it is often difficult to economically collect these items. Transport costs often outweigh the value of the scrap to a recycler, particularly when world metal markets have been depressed since 2014.

That said, we think there is value in trialing a well-managed and publicized on-farm collection of scrap metal. This would involve a high degree of project management, as coordination would be the key in overcoming the economic costs of transportation, but if managed well such a drive would have wide benefits.

If proven, then such collections could be organised on an annual basis.

We applaud the Council's goal to make it easy to recycle and we look forward to working with you in the near future.

Yours faithfully

A handwritten signature in blue ink, appearing to read 'KORINA KIRK', with a stylized flourish at the end.

Korina Kirk
President

From: George.s.h. Norris
To: [Mail Room](#)
Subject: Submission for the WDC waste management and minimisation plan 2017.
Date: Thursday, 3 August 2017 10:51:20 AM

Submission for the WDC waste management and minimisation plan 2017.

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

The 240-litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work.

WDC needs to introduce soft plastic recycling.

WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant.

Green waste at all transfer stations immediately.

Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei.

We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste management.

Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration in this new waste management plan.

Regards,

George

From: dwaetford
To: [Mail Room](#)
Date: Thursday, 3 August 2017 10:51:53 AM

This concerns us all

3.8.2017

Submission for the WDC waste management and minimisation plan 2017.

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

The 240 litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work.

WDC needs to introduce soft plastic recycling.

WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant.

Green waste at all transfer stations immediately.

Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei.

We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.

Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration for future generations.

Naku iti noa, na
Dorothy Waetford

Sent from my Samsung Galaxy smartphone.

From: Madeline Chaplin
To: [Mail Room](#)
Subject: Waste Management Submission
Date: Thursday, 3 August 2017 11:21:17 AM

Tena Koe,

3-8-2017

Submission for the WDC waste management and minimisation plan 2017.

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations. The 240 litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work. WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant. Green waste at all transfer stations immediately. Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei. We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste. Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration in this new waste management plan.

Te anga karaka, te anga koura, kei kitea te Marae

Madeleine Chaplin

0211869273

From: Carmen Tonks
To: [Mail Room](#)
Subject: Waste Minimisation Plan
Date: Thursday, 3 August 2017 11:34:05 AM

Kia Ora, I've read the feedback from the meeting on the 27th July and there are a lot of good ideas.

Firstly I would like to encourage the Council to keep the pay per bag regime. Having lived in Auckland a bag system encourages people to minimise output while a bin (as in Auckland and my neighbours here in Kamo) allows people will chuck everything in and not consider what can be recycled. Additionally we have a driveway that is a few hundred metres long and I would not want to drag a bin to the end each week. This might work in town but rurally not an option, they would sit at peoples gates (visual pollution) or get stolen (waste of resources).

Northland needs jobs and if we are paying to remove rubbish this cost could be invested in recycled materials ventures. The amount of cans and bottles on the roadsides could be pocket money for kids or fundraising for schools if we moved back to a system like when I was a kid. I have seen machines in Europe that take water bottles, scan the barcode and recharge the vendor for the cost of recycling. Or the machines where you put your recycling in and you have randomised rewards (free pool visits, sponsored product or experiences, discount on rates!) 3D printers that can take coke bottles into schools. Options are there.

For next year, perhaps a science fair award for recycling ideas for our up and coming conservationists.

15 years ago Auckland City Council ran composting and worm farm lessons for free. The was a discount voucher available within the course for a worm farm. Our worm farm is that old and still functioning without a top up of new worms. Our household of two adults, two children and many weekend visitors put out one \$1.80 bag of rubbish per week.

Mass composting operations? We have the space, climate and the fleet of earthmovers. Having just done the weed workshop with Sara Brill how about amnesty days for green waste where pest species can be dumped for free, i.e. agapanthus

The ability to push back cost on vendors has to come from central government. We are not a wealthy council but lets look at the spending now to get rid of rubbish and see how this money can be better spent for job creation, long term minimisation and education.

Nga Mihi,
Carmen Tonks
21 Northcroft Drive RD6
Whangarei 0176

From: Thomas Gowing
To: [Mail Room](#)
Subject: Submission for the WDC waste management and minimisation plan 2017
Date: Thursday, 3 August 2017 11:56:07 AM

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

The 240 litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work.

WDC needs to introduce soft plastic recycling.

WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant.

Green waste at all transfer stations immediately.

Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei.

We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.

Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration in this new waste management plan.

Sincerely,

Tom Gowing
021 21 41 774

From: Georgia-May Pope
To: [Mail Room](#)
Subject: Georgia Pope submission
Date: Thursday, 3 August 2017 12:06:02 PM

3.8.2017

Submission for the WDC waste management and minimisation plan 2017.

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

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WDC needs to introduce soft plastic recycling.

WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant.

Green waste at all transfer stations immediately.

Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei.

We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.

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Te anga karaka, te anga koura, kei kitea te Marae.

From: Chris Schreuder
To: [Mail Room](#)
Subject: Submission for the WDC waste management and minimisation plan 2017.
Date: Thursday, 3 August 2017 12:21:36 PM

3 August 2017

Submission for the WDC waste management and minimisation plan 2017.

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work.

WDC needs to introduce soft plastic recycling.

WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant.

WDC needs to introduce curbside recycling collection for businesses in the CBD.

Green waste at all transfer stations immediately.

Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei.

We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.

Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration in this new waste management plan.

Chris Schreuder
0210736106
chrisaafje@hotmail.com

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Glenn Edney - 2017-08-03
Date: Thursday, 3 August 2017 12:23:46 PM

[Submitted by Anonymous User]

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Please enter your details below

* Full Name(s):

Glenn Edney

* Postal Address:

PO Box 403027, Ngunguru, RD 3 Whangarei 0154

* Best Daytime Phone Number:

N/A

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0212772989

Email:

haapaiglenn@gmail.com

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) Yes

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP) Yes

Comments

I agree but think that the per person target should be much lower than 800kg. We should aim for reduction not maintaining at current levels.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) Yes

Comments

Definitely separate glass collection. Whelp bins are preferential to paid bags as the bags only add to the plastic waste stream. Council bags and aftermarket bags with council stickers should be required to be bio-degradable only.

4. Do you agree with the proposed education actions (page 19 of the WMMP) Yes

Comments

More education on single use and single purpose plastics, with emphasis on alternatives

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Yes

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Yes

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.

If you have supplied a valid email address, a copy of this completed form will be emailed to you.

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From: Akke Tiemersma
To: [Mail Room](#)
Subject: submission
Date: Thursday, 3 August 2017 12:31:46 PM

Submission for the Whangarei District Council Waste Management and Minimization plan 2017

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

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Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei. We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste. Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration in this new waste management plan.

Akke Tiemersma,

1817 Ngunguru road, RD.3

Whangarei

ph. 0274900866 email: akketiem@xtra.co.nz



Virus-free. www.avast.com

1 August 2017

Draft Waste Minimisation and Management Plan,
Whangarei District Council,
Private Bag 9023,
WHANGAREI 0148
Email to: mailroom@wdc.govt.nz

Submission from the Bioenergy Association

Consultation: Statement of Proposal for the Waste Management & Minimisation Plan

The Bioenergy Association represents a significant portion of owners of biomass fueled heat plant, biomass fuel producers and suppliers, waste-to-energy consultants, researchers and equipment/appliance suppliers across New Zealand. It has members who have an interest in policies relating to the utilization of waste for the production of energy; reduction of emissions to air in communities from both residential and commercial/industrial scale heating applications, and from decomposition of waste; and wise use of our renewable natural biomass resources for the betterment of communities. Waste is considered to be a renewable biomass resource.

The Association has a Waste-to-Energy/Biogas Interest Group whose members manage the Association's specific technical matters relating to the waste-to-energy sector via anaerobic digestion processes, specifically with regard to standards and best practice. The Interest Group hosts workshops and dissemination of information on waste-to-energy applications.

Overview

The Bioenergy Association does not support the current draft document and would like to encourage Council to think wider and longer term about its waste strategy and Action Plan than what is currently proposed. The objectives set out in the current documents are very limited with regard to the collection and use of organic waste compared to what other communities are adopting.

The specific objectives with regard to recycling and use of waste should be more aspirational including having say an overall target of zero organic waste to landfill by 2040. International evidence shows that with such a target and a progressive Action Plan the members of the community will respond positively and assist implementation.

The success of the strategy to clean up the harbor is a good example of what can be achieved with a similar aspirational waste strategy.

Whangarei already has many of the elements required of a world class waste strategy:

- Already it is cost effectively producing electricity from sewage
- It controls the full waste stream including the landfill
- It has curbside separation
- It has a sound waste management team

The current documents refer to a strategy but in none of the documents is there an actual strategy. Essentially the Waste Management & Minimisation Plan is focused on detailed items with limited context of what is to be achieved, or any strategy to achieve stated goals. The current policy documents require a complete new rethink.

Councils throughout NZ are adopting policies of zero organic waste to landfill by 2040. That is an achievable goal and an easy one for Whangarei.

A policy of zero organic waste to landfill by 2040 can open up many recycling, waste to energy and manufacturing of other bio-based products from waste.

All this is achievable in Whangarei and will reduce the cost of waste management to ratepayers.

Considering waste as valuable and not just a cost

Critical to having a progressive waste strategic is thinking of waste as valuable and not a problem. This requires a positive mindset with regard to waste as an opportunity. With current technology waste is able to be recycled or used as a feedstock for new products. In a world where resources are finite it is imperative that communities move to sustainability and the utilization of waste, rather than hiding it, should become a platform for the community economic and social wellbeing.

Utilisation of waste should also be considered within the District's economic growth strategy and action plan. Utilisation rather than disposal of waste can create employment and new business. Organic waste can be recycled into new products, processed into compost, or used as a feedstock for the production of energy. With the right policies and leadership from Council many of these applications are already economic or close to being economic.

Critical to the economics of utilizing waste is the at-source, or curbside, separation of waste into its primary components. If waste is kept clean then it is useable but if it is put into large bins, as is proposed, then the good clean waste has been contaminated and utilization is much more costly.

It is recommended that food waste be also separated at source, or curbside, so that it can be utilised as a feedstock for composting or energy. This is now being done in parts of Auckland and in many other cities internationally.

Waste-to-energy

Producing electricity from sewage as Whangarei District Council already does is an example of how value can be extracted from waste. This waste-to-energy project is reported as having achieved a 4 year financial payback period and has proven to be a good investment. With the reduction in the need to purchase electricity for the operation of the waste water treatment facility the dollars saved are now available for fixing potholes and other community benefits.

In Sydney waste from restaurants, supermarkets and food processors is processed in a digester located in the middle of Sydney to produce electricity. This could be done in Whangarei in association with the sewage processing facility.

In Auckland unsold bread, supermarket food waste and food processing wastes is collected and being recycled into animal feed and the rest will be used to produce heat and electricity. This also could be done in Whangarei.

In Palmerston North the Council has been able to reduce waste water treatment plant operating costs by taking trade wastes from local dairy factories and meat processors.

In the Yarra Valley the food waste processing plant has been co-located next to the sewage works so that there are economies of scale and they now make enough electricity that it is dispatchable and sold at peak periods when electricity has highest cost.

The fertiliser that is produced from food waste can be sold at a high price because it is pathogen free.

The Bioenergy Association would be pleased to work with Council and other interested parties to assist Council develop a new waste strategy which provided greater benefits for the community than what is currently proposed.

Bioenergy Association would like to speak about this submission at the scheduled Council hearing.



Brian Cox
Executive Officer

Mob 027 4771048
brian.cox@bioenergy.org.nz

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Laura Ewing - 2017-08-03
Date: Thursday, 3 August 2017 2:05:41 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Laura Ewing

* Postal Address:

1 mangakahia road,
RD9
Whangarei 0179

* Best Daytime Phone Number:

0221868203

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0221868203

Email:

lauralaylajosh@gmail.com

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

LAURA EWING

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) No

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP) No

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP) Yes

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP) No

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Yes

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

3.8.2017

Submission for the WDC waste management and minimisation plan 2017.

I believe it is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

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Kind regards,
Laura Ewing

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All submissions are considered official information under the Local Government Official Information and Meetings Act, and may be published and/or made available to elected members and the public.

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Diane Kerr - 2017-08-03
Date: Thursday, 3 August 2017 3:46:36 PM

[Submitted by Anonymous User]

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Please enter your details below

* Full Name(s):

Diane Kerr

* Postal Address:

176 Dip Road
RD 6
Whangarei 0176

* Best Daytime Phone Number:

094351518

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

027 3887070

Email:

dianekerr176@gmail.com

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

Please provide your feedback below:

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1. Do you support the visions, goals and objectives (page 13 of the WMMP) Yes

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP) No

Comments

These targets should be aimed at reducing even more waste in the landfill.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

Please both consider and implement options for more green waste collection, separating building waste etc

4. Do you agree with the proposed education actions (page 19 of the WMMP) No

Comments

I feel the current education is insufficient. Batteries e waste. the impact on the environment etc
What kinds of plastic etc can be recycled. What really happens to it? How about measures for reducing waste before it happens.

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Yes

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Yes

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

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From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Anton Bowker - 2017-08-03
Date: Thursday, 3 August 2017 5:12:56 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Anton Bowker

* Postal Address:

38 Eden terrace
Kamo 0112
Whangarei

* Best Daytime Phone Number:

0210583126

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0210583126

Email:

anton@cbec.co.nz

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? No

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Comments

2. Do you agree with the proposed targets (page 14 of the WMMP) Yes

Comments

The recycling targets could be higher if some new measures are introduced to expand recycling

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

Agree with all but the introduction of 240 L recycling bins due to risk of poorer quality recycling and difficulty to manage for residents.

4. Do you agree with the proposed education actions (page 19 of the WMMP) Yes

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Yes

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Yes

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Further ideas...

1) Introduce recycling of plastics number 5 and 6 as is found in most of the rest of the country, this would massively reduce confusion on which plastics can be recycled as it would cover the most common household plastic containers (except for expanded polystyrene)

2) A once per year per household bulky collection service (trailer load) may reduce fly tipping and enable residents who can not drive or lift heavy things with a means to dispose of large items. Some of the items collected could be re sold or recycled for a profit through the Re:sort store or

redistributed through other means.

- 3) Introduce soft plastics recycling scheme currently on trial in other major centres where people can deposit soft plastics at supermarkets for recycling.
- 4) Make it compulsory for certain businesses (bars, restaurants, cafes) , schools and events over a certain size to have container recycling for bottles cans etc
- 5) Larger fines for litterers and dumpers, more enforcement through CCTV, spy cams at dumping sites etc could introduce a simple txt/photo based reporting system so people can dob in offenders
- 6) Replacing supermarket shopping bags with biodegradable/compostable alternatives would please both people who want to get rid of plastic bags and those who think they need them.
- 7) Local waste companies should stop promoting for people to top off their wheelie bins with green waste
- 8) Rather than a food waste collection service which is expensive and polluting in its own way it is better to encourage and incentivise home composting and to link residents to farmers or others who may want to collect their food scraps for their own use.
- 9) Investigate drain catchers and other methods of collecting litter which flow through our stormwater drains to the sea.
- 10) There is a clear conflict of interest in the council and local waste company being part owners of the landfill. The companies motive is to make profit which it gains through the landfilling of waste whilst the councils motive should be to extend the life of the landfill, protect the land from pollution, minimise costs to ratepayers, reduce waste and increase reusing, recycling and other diversion.
- 11) Sort recycling locally to provide jobs
- 12) Reintroduce a container deposit refund to reduce the number of bottles and cans being littered throughout the district
- 13) Council has done a great with the Re:sort but they have stopped collecting haz waste like batteries and lightbulbs, this needs to be reintroduced and promoted as people seem unaware of the service.
- 14) User pays rubbish bags do reduce waste, I support continuing with this system, perhaps biodegradable cornstarch bags are a better option though more costly.
- 15) Provide residents with a container similar to the current recycling bins which are for paper and cardboard. It would increase participation and allow for ease of collection at both ends.
- 16) PD workers and the unemployed could be out collecting litter and participating in environmental projects like planting.

Thanks for your time

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From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Kerry Mallett - 2017-08-03
Date: Thursday, 3 August 2017 6:53:39 PM

[Submitted by Anonymous User]

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Please enter your details below

* Full Name(s):

Kerry Mallett

* Postal Address:

76 Atkins Road
RD 8

* Best Daytime Phone Number:

0211181921

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0211181921

Email:

kapmallett@gmail.com

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? Yes

Please provide your feedback below:

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Comments

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Comments

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Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Yes

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) Yes

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

We do not agree with the 240L bins as they discourage recycling (people just dump everything into the bin) and they blow over in the wind. They are dog proof but get over full. Illegal dumping is a huge problem especially in the Otaika Valley and Portland areas. Education, signage and prosecution follow up for those caught dumping is needed. Fines should be increased.

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From: Nicola O'Brien
To: [Mail Room](#)
Subject: Waste management and minimisation
Date: Thursday, 3 August 2017 8:23:49 PM

To whom it may concern

3.8.2017

Submission for the WDC waste management and minimisation plan 2017.

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

The 240 litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work.

WDC needs to introduce soft plastic recycling.

WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste-water treatment plant.

Green waste at all transfer stations immediately.

Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei.

We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.

Nicola O'Brien

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Michele Neckelson - 2017-08-03
Date: Thursday, 3 August 2017 9:09:42 PM

[Submitted by Anonymous User]

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Please enter your details below

* Full Name(s):

Michele Neckelson

* Postal Address:

194 Kaiatea road

Whangarei 0173

* Best Daytime Phone Number:

021 157 2263

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

021 157 2263

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission?

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP)

Comments

Make it easy.... - that may include having free inorganic dump days at transfer stations or at the resort centre in Whangarei.

2. Do you agree with the proposed targets (page 14 of the WMMP)

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP)

Comments

good luck, but i think it is working in the schools my daughter is very aware about rubbish, recycling and the like... we call her our eco- warrior. Ngunguru schools earth education programme has been a major contributor in her and our awareness.

5. Do you agree with the proposed policy actions (page 19 of the WMMP)

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Illegal dumping is an issue. I have no idea what the cost of managing / cleaning up this is. The council used to do inorganic days yearly around labour weekend back in about the late 1980's I think. My dad was a private contractor, contracted to the council for rubbish removal providing a weekly service in the coastal area north of sandy bay, tutukaka coast. It used to take about a 3-4 days to clear all the inorganic rubbish left out but a lot of "rubbish" would relocate on its own from the kurb side in effect recycling - could this be trialled again perhaps? the first year maybe horrendous so it would need to possibly be a 3 -5 year plan / cost assessment exercise. the reality

of the matter is that some people just cant afford to take old white ware, furniture etc to the dump, therefore it is dumped in reserves, down banks, in rivers etc.

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From: Laurel Devenie
To: [Mail Room](#)
Subject: Submission for the WDC waste management and minimisation plan 2017
Date: Friday, 4 August 2017 7:29:04 AM

4th August 2017 To Whom it May Concern,

Submission for the WDC waste management and minimisation plan 2017. It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

The 240 litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work.

WDC needs to introduce soft plastic recycling.

WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant. Green waste at all transfer stations immediately. Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei. We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste. Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration in this new waste management plan.

We are feeling the effect of our waste management locally, nationally, globally. Please take this into consideration. It is one of the most vital decisions of our time.

Laurel Devenie 0274199966 laureldevenie@gmail.com

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Vicktoria Blake - 2017-08-04
Date: Friday, 4 August 2017 9:34:27 AM

[Submitted by Anonymous User]

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Please enter your details below

* Full Name(s):

Vicktoria Blake

* Postal Address:

PO Box 3344 Onerahi Whangarei

* Best Daytime Phone Number:

027 393 1363

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

vicktoriablake@gmail.com

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? Yes

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) No

Comments

Generally the vision and goals are acceptable, but are too vague, and the targets and objectives do not have appropriate measurements in my opinion. For example, customer satisfaction is not a significant measurement tool as customers may be satisfied if you are just getting rid of their waste for them, those who are not interested in environmental issues may not care at all whether 70% or 100% of waste is landfilled....for example.

2. Do you agree with the proposed targets (page 14 of the WMMP) No

Comments

I think that the targets are too vague and not significant enough. We should be aiming for a bigger reduction in waste generation, and setting significant targets for waste diversion. See previous comment for issues with measurement tools.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

I think that increasing the size of the general waste/recycling bin is contradictory to waste minimisation. Further to this, mixing glass with other recycling products will devalue the cardboard and glass considerable and will lead to more contamination. There does not seem to be any discussion on increasing the types of plastics recycled by WDC programmes either which is a significant concern.

4. Do you agree with the proposed education actions (page 19 of the WMMP) No

Comments

The education activities are vague. There is not enough happening in the education space. While EcoSolutions provides some school education, mainstream residents do not have information readily available to them. For example, I have a keen interest in e-waste management and was not aware until very recently that this can be dropped to local transfer stations. Further to this end of life batteries can be dropped at EcoSolutions or in one of the buckets at various places throughout Whangarei. I did not know about this until I attended the waste meeting. The public do not know enough about the options and services available to them in order to make educated decisions on how to appropriately dispose of their waste.

5. Do you agree with the proposed policy actions (page 19 of the WMMP) Yes

Comments

For the most part I agree with the policy actions, assuming they are enforced, but again feel they do not go deep enough. There needs to be significant work put into waste make up, and the information should be made available to those who are interested.

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) No

Comments

It is a concern that this will be always user pays funded, particularly with e-waste, as this is having an impact on how this product in particular is disposed of. Over the past three years I have personally witnessed CRT TVs being dumped with fly-tipped waste. If illegal dumping is a considerable concern for the council, then some investigation in to what the dumped waste is made up of, and some research into behaviours that may lead to these actions could be conducted. In addition, a charge for green waste that is capable of being composted and then sold on for a profit seems unfair on residents and again in conflict with the requirements of the council.

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

The only actions relating to promoting public health is around food waste. There is no mention of hazardous waste or ewaste. Recommendations from the Medical Officer of Health made on the 2012 WMMP have not been considered and there is no mention of any e-waste programmes (e-waste is barely mentioned at all) or of lobbying central government regarding product stewardship programmes. There is a concern that by receiving revenue from out of area waste it is in conflict with the the requirements of WDC as per waste minimisation (i.e. importing landfill for a fee is not reducing waste in our district). There is no mention of adding any further recycling products to further divert waste. There is no mention of any other waste reduction schemes or initiatives other than around food/kitchen/green waste, and while this is an area of significant importance, it is not the only area that could benefit from some management programmes. Zero Waste targets should be set. We should take significant action on waste reduction in our area, working specifically with C&I and C&D waste targets and programmes. We need to take this seriously and not just treat it as a tick box exercise. This council has the ability to follow Auckland Council's lead and make some significant changes to the way that waste is managed in our district. I empower you to make the necessary changes to our WMMP to protect our beautiful home for future generations.

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From: Kiri Edwards
To: [Mail Room](#)
Subject: Submission for the WDC waste management and minimisation plan 2017
Date: Friday, 4 August 2017 11:48:47 AM

Tena koutou katoa,

I am writing to you in relation to the WDC waste management and minimisation plan 2017.

It is vital that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that other Regional and District councils around the country have already adopted. It is important that we not only adopt these practices but we look to be at the forefront of sustainable practices going forward. There are many examples within our country and overseas that we can draw from.

These are some areas that we can improve on including:-

- Soft plastic recycling.
- Commercial food waste collection to be composted or made into energy at the waste-water treatment plant.
- Green waste at all transfer stations.
- Increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.
- Maximise opportunities to sort and bundle recycling in Whangarei.
- Self sort bins available at beaches and public spaces.

It is important that Whangarei District Council looks to future proof our Rohe and build sustainable and resilient practices. The long term effects of all waste to our society must be carefully considered in this new waste management plan. We live in a beautiful area of Aotearoa and it is our job to protect it.

Naku noa nei

Kiri Edwards

WDC Submission - Waste Minimisation Plan – August 2017.

Firstly, thank you WDC for holding your 'Have Your Say' on rubbish. And it was pleasing to see a number of Councillors present at the meeting of 27th July.

While public attendance was small, it was inspiring to hear the knowledge/experience coming from the floor with an overall theme that we have to push towards zero waste outcome and to reduce domestic, commercial and organic waste – we need targets.

The implied reaction from one of the Councillors of the cost of making the suggested changes is perhaps an understandable reaction from one who is stuck in the past. The world has at last awoken to the damage that humans have and are causing to the environment – such is the extent of waste entering the food chain, particularly our oceans, adding a further threat to humanity. Yes it will cost – but that cost pales into insignificance when one thinks about the costs to humanity of doing nothing. The planet is now groaning. Changes have to occur now and that includes leadership in education to our fellow community citizens who, for innumerable reasons, are not very well informed.

On 23rd August, Plastic Ocean film will be showing at the Old Butter Factory – and what better opportunity to start the education. I will be expecting WDC Staff and Councillors to attend as being informed is necessary if they are to truly represent the best interests of the community and show leadership when dealing with those still uninformed members of our communities.

I fully support and understand the need for zero waste but I don't consider myself expertise on the subject. Much detail was put forwards from the floor on the 27th July 'Have Your Say' and I trust the WDC will tap into that information resource and together, we can make progress towards a zero waste goal.

Suffice to say - I believe all suggestions that reduce waste have to be on the table. It will be a paradigm change for many. Such changes should include:

- Advocate for producer waste reduction locally and to Central Government - Container buy back schemes (CDS); Electronic and other specific item recycling, Single use plastic deterrents, especially plastic bags.
- Increased community waste separation prior to collection in small bins – especially glass from paper; say no to large bins which are, due to public apathy, all too easy to become a 'one stop' dumping receptacle thus just a source of cross contaminations that increases landfill.
- The \$ Resort Charge is a real challenge to many who are struggling to put food on the table - There should be no charge for dropping off material that can be recycled. Perhaps (bi) annual organised inorganic collections may help reduce illegal dumping and instead, would foster recycling – one's rubbish is another's treasure.
- Increased recycling with the spin off of creating local jobs – local jobs keeps money in the local economy;

- Increase green waste recycling to compost – and can this be done in the vicinity of transfer stations;
- Food rescue recycling – support the community initiative Food Rescue Northland;
- Contracts -what incentive is there for the waste removal contracts to support a zero waste goal if their remuneration is based on the amount they put in the landfill?
- With the knowledge that came from the floor of the 27th July ‘Have Your Say’ meeting, it would be beneficial to set up something along the lines of Community Rubbish Committee to work with the Council.

We are all in this together – industry, retailers, consumers – all have to be made to rethink their operations. So not only tackling the symptoms, we have to tackle the source. The Packaging/retail industry has to take ownership rather than passing on their external costs to the community, the rate payers - roadside rubbish - fast food packaging, throw away coffee cups – the food outlets have to take responsibility. Many community groups are pushing for the removal of single use plastic such as plastic bags and Council support on this would be welcome.

It was pertinent for me personally, that one of the public at the 27th July meeting pointed out the timber waste going to landfill. The only time I have myself, with some shame I may add, took a trailer load of 20 years household waste to the tip for a friend. In the 5 minutes I was there, I was horrified at the reusable demolition timber that was dumped from builder’s trailers parked either sides of me. A Councillor says it is recycled – but is it? I saw no one and had to resist climbing into the pit to retrieve the same myself.

And solutions have to be sustainable – trucking waste to other regions or vis a versa is not - it is just further adding to carbon emissions to the atmosphere.

So in summary, I support a meaningful zero waste goal – we don’t really have a choice if we are to offer the young child that left the 27th July meeting with a message from her mother – what do we wish to leave for future generations?

Thank you

Ross Clark

1504 Ngunguru Road, RD 3, Whangarei 0173

Email: rossgclark47@gmail.com

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Zoe Booty - 2017-08-04
Date: Friday, 4 August 2017 1:49:01 PM

[Submitted by Anonymous User]

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Please enter your details below

* Full Name(s):

Zoe Booty

* Postal Address:

42 Mill Road, 0112

* Best Daytime Phone Number:

021 1522286

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

Email:

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* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? Yes

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) No

Comments

Goals too little and too vague. Do not aim high enough

2. Do you agree with the proposed targets (page 14 of the WMMP) No

Comments

Proposed targets are too little and too vague..more status quo, than making a firm stand to improve our waste management.eg 'increasing recycling to 35% of roadside collection', when figures show it is already 30%.eg. how about 90% of residents satisfied with litter and illegal dumping'. Aim higher.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) No

Comments

Reads of continuance and consideration. Again, lets look at making a significant and measurable improvement...

4. Do you agree with the proposed education actions (page 19 of the WMMP) No

Comments

Yawn!

5. Do you agree with the proposed policy actions (page 19 of the WMMP) No

Comments

These policy actions just sound like a whole load of table talk with no accountability for change and progress in this area. Policy actions should be challenging and exciting. Please also, employ someone who can write these documents intended for public comment in plain English. I have post-graduate education and they read like gobbledegook. ...I have to read them over and over again t understand what it is trying to say. This does not encourage public engagement.

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) No

Comments

Well, it does not really say much, and certainly nothing new. How about looking charges around the 'source' of litter, e.g. takeaway businesses. Analyse litter...Yes...individuals drop it...unless it is flying out of the back of rubbish trucks, or blowing out of overfilled rubbish bins.

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

I fully support a policy of Zero Waste, and expect my council to do the same. We are well past the time of short term economic considerations only, and need to take the long term view, to consider the full impact on our children, our children's children, and their children.....

Zero waste is achievable, if we are fully committed as individuals and organisations. Key to this is the minimisation of waste at source, and powerful regulations to ensure all necessary packaging is re-usable and recyclable.

Whangarei can lead the nation in this area. Zero Waste is an inspiring vision...Let's think Big, Let's focus on HOW we can do this, rather than any barriers that stop us.

WDC, I would like my Rates contribution to be invested in:

Education re. Zero Waste.

Recycling systems for hard and soft plastic

Green waste

Paper and Cardboard.

Commercial food collection.

Supporting commercial enterprise to minimise packaging, or only use re-usable/recyclable materials.

For over 2 decades my family and I have been committed to the concept of 'Reduce, Reuse, Recycle'. It is not a new concept, in fact it is mad that we have not 'nailed it' as a society yet! It is a philosophy made habit through our actions. We compost, take our own bags to shops, mainly shop at the Growers Market, and Binn Inn. We choose products that are not overly or unnecessarily packaged etc etc. We would like to do more!

I urge the WDC, those we entrust to lead and guide our community to be inspired by the goal of Zero Waste, and show commitment and creativity in ways we can achieve this. We can do it!

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04.08.2017

April Wilton
 P.O. Box 11116
 Whangarei
 Ph: 021706009
 Email: april@northlandwaste.co.nz

WMMP Submission Response – Northland Waste Limited (Company Response)

We would like the opportunity to be heard at the verbal submissions on the 24th August hearings.

About Us:

Northland Waste Limited is a substantial, vertically integrated waste and recycling business formed in 2009 through a Joint Venture Partnership with Whangarei District Council. Northland Waste is Northlands biggest recycler processing over 25,000 tonnes of recycling annually.

We welcome the opportunity to submit under the WMMP, and hope council take the opportunity to gain an understanding from an industry prospective, the challenges and opportunities through this process. We have made extensive capitol investments in recycling technology including partnership in the Re:Sort facility with a commitment to diverting tonnes from landfill. We would like to clarify the misconception that we have a 'conflict of interest' to recycling being a partial landfill owner. The landfill is limited in both consent and airspace, we are therefore naturally incentivised to recycle where viable. In fact our investment in recycling has been a key parts of our gorowth stategy that has seen the Company grow from 60 staff to 300 in 5 years.

The growth of our company which is based in the heart of Whangarei, needs mentioning. Our head office employs 22 non-operational staff providing management expertise and technical advice to 6 branches across New Zealand. This has created high level sought after jobs for Whangarei economy, and is a little known success story mainly because our mantra is typically kiwi in that we 'just get on with it'. If compared to any other business in the district, we believe no other has grown as quickly, whilst staying local than Northland Waste.

Whangarei District is unique in that through the Joint Venture, owns the Puwera Landfill asset. As part owners of a sanitary, class A fully lined and engineered landfill site for the safe disposal of solid waste, WDC are the envy of others. This asset is becoming more and more sought after with many councils now having to spend excessive amounts on waste management to ensure residents have the 'safe disposal' of class A sanitary landfill.

We would like to ask councillors to please take the opportunity to ask questions on any issues discusses, and delve into the logic in our views so you can make balanced decisions when adopting a

document as important as keeping Whangarei clean, green and beautiful whilst remaining economically sustainable, as the Whangarei Waste Plan.

1. Do you support the visions, goals and objectives (page 13 of the WMMP)

In general, we agree with the goals outlined within the WMMP and would like to specifically address and provide comments to the following Visions for WDC consideration:

1) To make it easier to recycle:

Northland Waste provides a full suite of Recyclables where the council does not provide rates funded services, indicating a clear commitment to Northland to make it easier to recycle. We seek to ensure the Whangarei District has the infrastructure in place to provide a commercial recyclables market and will continue to invest in this area to support WDC waste minimisation initiatives. Through significant capital investment in Northlands largest recycling processing facility the Re:Sort and the purchase of the paper reclaim asset, we encourage diversion of waste from landfill. We are also the only company that has put private funds not reliant on ratepayer or taxpayer subsidies into these initiatives to provide the Whangarei District with an enhanced recyclable collection service. No other Northland company has invested in recyclables as extensively as Northland Waste and we will continue to do so to support councils waste minimisation initiatives and provide a full suite of collection services to our customers. We believe council should be aware of the current use that the private sector provides to meet their objectives, and the services that are already in place to meet these needs.

In summary Northland Waste supports this initiative, and will continue to support council and the residents of Whangarei through investment in Recycling infrastructure and creating job opportunities via economically sustainable recycling initiatives.

2) Maximise community benefits – employment, multi – use facilities, cost effective service:

We encourage this objective as a major employer in the Northland District employing over 300 people nationwide and having our 'head office' based in Whangarei. Where viable, we promote the creation of jobs by diverting as much of the waste stream from landfill to preserve landfill airspace. We would like council to apply caution when considering the notion of 'job creation' within the industry and particularly, the notion that enhanced recycling initiatives create employment. This is an inaccurate assumption as often, these initiatives are dependent on significant subsidies be that of Council in the form of rates, or the taxpayer. We do not see this as sustainable job creation and believe these initiatives to be instead jobs created solely by increasing the cost to the ratepayer to fund uneconomic activities.

We would like to reiterate that we support the creation of jobs where the market does not provide a solution, and council has decided through **assessing carefully the costs** to the ratepayer, and agreeing that these activities provide 'real benefits'.

We have seen instances in which the market has provided a service, and council then come in to 'compete' with the private sector using uneconomically sustainable recycling subsidies that ultimately, seek to replicate services that already exist at an increased cost to all involved. We would therefore like council to consider our experience in this matter, and treat any subsidies provided to recycling where economically unviable to be granted in a fair manner whilst first assessing whether this service is currently being adequately provided.

2. Do you agree with the proposed targets (page 14 of the WMMP)

In general, we agree with the proposed targets but would like to provide guidance to WDC for consideration in two areas:

1) Objective 2 – To make it easier to recycle.

We fully support this initiative and believe the private sector can add value to this as there is a number of areas in which we currently service, where no other provider has taken on the commitment. Currently, Northland Waste is committed to picking up the commercial co-mingled recycling within Whangarei commercial sector and have expanded this for businesses to include an option for Plastics 1-7, Glass, Tin/alloy/scrap steel Paper and Cardboard and mixed recyclables to ensure there is a dedicated service for this market. Northland Waste also has worm farms for sale through the office and had seen an increase in interest for these initiatives in the last 6 months.

As discussed in our letter dated to Councillors on the 20.07.2017, we are see potential for further investigation of options for the extended collections of Green Waste at the rural transfer stations and would like to begin this initiative immediately with council. We would also like to further investigate wood waste diversion through the Re:Sort as per the JV.

2) Objective 4 – To create a grant scheme to support new initiatives to reduce waste.

Should council wish to subsidise further recycling initiatives through the form of a 'grants scheme' we would like to know more about the detail of this proposal.

We are cautious of this initiative and believe that prior to adopting this target, two clear 'screening processes' must be evaluated prior to any grant being awarded.

1) Is anyone currently successfully undertaking this initiative that the grant may apply to with no rates funding?

We have seen instances in which a replication of services has happened when funding had been applied to 'reduce waste' when in fact, this service was already being successfully provided by the private sector. This creates a duplication of services with no net benefit to waste reduction as customers simply move to the option that is heavily subsidised, at an increased cost to the ratepayer. We are unable to compete with any organisation receiving a subsidy to carry out work that we do economically sustainable and have already created a successful market for. We recommend that council adopt a test that is applied prior to any grant being received 'Is there already a service for this initiative provided to the market? To avoid a duplication of existing services, and ensure that the process is fair to those who have invested extensively out of their own pockets for recycling initiatives, are not thrown under the bus by a competitor operating on a subsidy from the government or council.

2) Ensuring that any grants are contestable to all community groups, businesses and individuals.

Where Council has chosen to subsidise uneconomic recycling in the form of a grant, this option must be contestable by all parties both businesses and community groups based on tangible outcomes. Northland Waste provide a great service and are always thinking of ways to enhance our current operations, and would like to think of this as an opportunity to further expand on existing infrastructure through contestable grants and not be unduly discriminated against being a business.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

We agree with the proposed infrastructure actions and would like council to consider further information on the following actions

1) Support for User Pays Kerbside Waste Collection

We strongly support user pays for the management of refuse at the Kerbside as user pays has been categorically proven to be the best method to minimise waste per household. In conjunction with a significant rate increase, there is categorical evidence that Rates funded systems decreases waste minimisation incentives as rates funding disadvantage households that recycle more, by not rewarding them relative to households that don't recycle. They pay the same rate regardless of the diversion rate, providing no incentive to the householder to reduce their waste, to reduce their overall costs. This lack of transparency would directly impact on recycling as the cost of service would not be paid directly by the waste generator, instead the householder would pay this charge in their rent as a flat fee. Without making the individual accountable for the waste they generate, rates funding would undermine the incentive to minimise waste in conjunction with enhanced recycling.

Overall, we would like to reiterate that we support user pays funding, and a change to rates funded refuse would be a significant step backwards for the residents of Whangarei and would result in a significant rate increase in conjunction with negative environmental outcomes.

2) Support for new recycling collection targeting 240L Wheelie Bins for all recyclable materials.

We believe that Council needs to ensure it maintains long term flexibility around its collection methodology. While the proposed methodology of increased capacity for 240 litre of recycling should increase diversion Council needs to keep its options open in terms of separate collection of glass.

Council needs to ensure it carefully balances often conflicting objectives of health and safety, job creation, waste diversion and recycling commodity prices. Future contracts that allows flexibility to change collection methodology at any point in time without contractual penalty should be adopted to allow Council to respond to changing market conditions for recycling commodities and / or health and safety.

3) Complete detailed analysis of sorting of CI and / Or C&D waste prior to disposal of residual material.

Northland Waste supports this initiative, but cautions that council take note of what is currently in place, and the challenges associated with finding markets for recyclable products. We support assessing the viability of this option, and would also like to outline over the past year we have been selling recycled wood through the Re:Sort shop. This has been a successful initiative. Not only are we diverting wood, we have established a local market for the recycled product. A portion of the proceeds from the shop go to charity. Wooden pallets are also separated and given away with many people turning these into furniture, which again is popular with customers.

An option worthy of further consideration is the bulk collection of wood waste. We had been in talks with the Solid Waste Engineer from WDC around making it easier for Re:Sort by building a segregated wood waste processing section, and we are keen to continue to explore this initiative

with council. If this is something that the JV are still interested in pursuing, we will look at the cost of plant, disposal and establishment.

4) Do you agree with the proposed education actions?

We support the education actions and have no further additions.

5) Do you agree with the proposed policy actions?

We support the proposed policy actions – **but please note earlier caution regarding required screening process for grants.**

6) Do you agree with how we propose to fund the service?

We fully support the initiative of user pays for Waste as this has proven to be the most effective method of waste minimisation. We note that council will continue to subsidise refuse collection at the rural transfer stations in the plan and question as to whether there would be a better way to reduce the waste at these sites receive by incentivising the customer to minimise waste by paying the actual cost of waste within these areas.

Currently, we are aware that a number of urban whangarei residents will ‘drive’ many km to the rural stations as these are known to be subsidised by council, with trailer size not being measured when disposing of waste. We have also heard of holiday makers from Auckland bringing a trailer up with them and disposing this at Uretiti as the WDC rural transfer station rates are ‘half the rate of Auckland’. Whilst we understand WDC trying to ensure the rural centres are getting a service for Waste, we believe this is being undermined by urban and even out of district residents, essentially costing the ratepayer and making user pays ineffective as a method to achieve waste minimisation.

We provide council with a market tested assessment of Transfer Station Rates – North to South for Councils within the North Island to challenge the idea that waste is ‘excessively expensive’ within the district. We believe this was a lobbying campaign which failed as Whangarei residents were aware that they were not paying any excessive charges when compared to other areas, and were subsidising out of district residents waste who found whangarei ‘cheaper’. As you can see from the below table – Whangarei rates are the cheapest out of all of the areas surveyed.

Council	General Refuse Trailers Price	Green waste Trailer	Bag – 65L	Recycling (plastics/paper/tin/alloy)
Far North District Council	\$61.5	\$33.00	\$3.00	Free
Whangarei District Council (Rural)	\$45.00	\$22.50	\$2.80	Free
Whangarei RE:Sort (WDC – NWL)	\$57.00	\$22.50	\$3.00	Free

Kaipara District Council (Dargaville Transfer station)	\$79.50	\$37.50	\$3.10	\$10.00 Per Cube
Auckland Council (Waitakare Community Run)	\$76.50	\$40.00	\$6.00	Free
Tauranga District Council	\$58.30	\$45.00	\$3.50	Free
Waikato District (xtreme zero waste – community run)	\$ 67.50	\$15.00	\$4.00	-
Rotorua District Council	\$60.00	\$60.00		Free
New Plymouth District Council	\$72.60	38.60	\$3.40	Free
Palmerston North District council	\$75.00	\$30.00	4.50	Free

*Average trailer weight of 270kg and 1.5 cube.

We would encourage council to review the rural transfer stations subsidy as this is an extremely expensive to the ratepayer to currently undertake and disincentives waste minimisation within the district. There are a number of options here that work successfully in other areas which we are welcome to explain in detail through discussion. We would also like to mention that the resort waste charges are not 'cross subsidised' by WDC rates like the rural transfer stations, hence the difference between the gate charges.

Finally, we appreciate the opportunity to submit and look forward to the verbal submission hearings to further explore our submission points with Council.

Many Thanks



April Wilton

Northland Waste Limited

From: Andrew Carvell
To: [Jo Floyd](#)
Cc: [Meredith Earles](#)
Subject: FW: New Request logged: WA059953
Date: Monday, 17 July 2017 3:57:53 PM
Attachments: [View Application Process ID 517576.cilink](#)

Hi

Can you add this to our solid waste submission page on kete?

Thanks

-----Original Message-----

From: Meredith Earles [<mailto:meredith.earles@wdc.govt.nz>]
Sent: Monday, 17 July 2017 3:51 PM
To: Andrew Carvell <Andrew.Carvell@wdc.govt.nz>
Subject: New Request logged: WA059953

Hi Andrew Carvell

A request has been logged and you have been nominated as the responsible officer. Please action the following request:

Request ID: WA059953
Received By: MNAMANA
Referred To: ACARVL - Andrew Carvell
Request Group: WA
Request Type: RUB, Rubbish
Sub Types: COLL,

Date Received: 17-Jul-2017 15:50:26
Workgroup: WDC.RM.WST
Priority: Routine
Source: Email

Customer Type:
Call Back: Not Required

Caller's Address:
Taylor, Rosemary

Home Ph:
Work Ph:
Fax:
Mobile Ph:
Email: rosemaylor92@gmail.com

Problem Location:
Primary Street: Whangarei District, Whangarei, NULL
Address:
Location Owner(s):

Property Number: 0

Full Details:

Having a quick read through the proposed idea's ect. I believe you are correct in having recycle bins instead of

crates. Is this going to be freely supplied to every household?

Paper/cardboard recycling- the crates could then be used for that.

I am a resident of Maunu, and I am confused as to when the paper/cardboard even gets picked up! I believe more regular leaflets in regards to what we can recycle in the bins and when / what days (particularly for cardboards ect.) Would also be greatly beneficial.

I was a resident of south australia and before i left they introduced random audits. Theres was uproar as there always is but this was something that put my arse into gear after I recieved a comment from having something i thought could be recycled and actually it couldn't. Also small vouchers where given to those with great bins ??

Thanks

Rose

Thank You

Administrator

Submission on the Proposed Waste Management and Minimisation Plan

Submitter: **Weed Action Whangarei Heads (Organisation)**

Nominated contact person: Adrienne Joanna Barr

Address: 8 Reotahi Rd, RD 4 Whangarei Heads, Whangarei 0174

Contact number: 022 056 2277

Weed Action Whangarei Heads is a community initiative, established by local people to fight the increasing threat of environmental weeds to the unique natural environment of the Whangarei Heads peninsula.

The Whangarei Heads community is investing directly in the environmental management of the Heads area, both through the contribution of local rate payers via the additional Whangarei Heads Pest Management Rate (\$50 per rating unit), and through the contribution of thousands of hours of volunteer effort controlling animal and plant pests.

One area of particular concern for the Whangarei Heads community is the lack of accessible green waste disposal options. This is a significant barrier to weed control for many residents, and can also compound weed issues by leading to dumping of garden waste. The distance to the nearest green waste facility is a major obstacle for most residents, requiring a round trip of over an hour, as well as the cost of trailer hire, dump fees and petrol.

The Proposed Waste Management and Minimisation Plan appears to contain little information on green waste management in general, advocating only for what appears to be a maintenance of the status quo, with a proposed assessment of organic waste option only due to be completed by July 2019. For the Whangarei Heads community, this leaves a significant unaddressed waste management need. We would like to see the community's commitment to weed management reflected in the policies and actions of the District Council.

Weed Action would like to see the following inclusion in the plan:

A commitment to the development of a green waste disposal option in the Whangarei Heads area, recognising the commitment of locals to weed management and responsible disposal, and the value of supporting locals with their initiative to protect the nationally significant natural areas of the Heads.

This could be achieved through the provision of green waste options at a local transfer station, or through a co-operative or co-funded model with a local business or community group. The policy action identified in Table 13 of 'Developing criteria for making grants available from Council's allocation of Waste Levy funds', could be a way forward for the latter, so long as the

development of a green waste facility for the Whangarei Heads area is recognised as a goal of the adopted plan.

Any Green waste facility will need to allow for both;

- green waste that can be used for composting and creating a compost/mulch resource.

- green waste that cannot be included in the general composting process, and requires alternate disposal.

The latter is required for those species which cannot be mulched because of their fibrous nature (eg. wild ginger roots), or that cannot be included in materials to be composted for re-use because of weed seeds surviving the composting process (eg. moth plant pods). While these items could go into general household rubbish, the cost of doing so is prohibitive for most landowners, who have already invested significant effort/investment in removing these weeds. The removal of these weeds represents a benefit to the wider area, including nationally significant areas like Mt Manaia and Bream Head, and a low or no cost disposal option for weed material is needed to remove the barriers and disincentives to action.

More information on our initiative can be found at www.weedaction.org.nz

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Jennifer Lawrence - 2017-08-04
Date: Friday, 4 August 2017 5:00:42 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Jennifer Lawrence

* Postal Address:

1935 Whangarei Heads Road

* Best Daytime Phone Number:

0211649992

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

Email:

lawrence.jenmarc@gmail.com

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission?

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP)

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP)

Comments

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP)

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP)

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Aim for zero waste. soft plastics recycling. don't introduce 240l bins, refunds for recycleables

Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.

If you have supplied a valid email address, a copy of this completed form will be emailed to you.

Otherwise please print a copy of it for your own records before you close this window.

Submit Button - This button will become active when all mandatory fields are filled in (fields marked with *) and you click once on the button.

All submissions are considered official information under the Local Government Official Information and Meetings Act, and may be published and/or made available to elected members and the public.

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Nora El-Shayeb - 2017-08-04
Date: Friday, 4 August 2017 5:37:00 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Nora El-Shayeb

* Postal Address:

P.O.Box 1427
Whangarei 0140

* Best Daytime Phone Number:

4343498

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

Email:

norashayeb@hotmail.com

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? Yes

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) No

Comments

2. Do you agree with the proposed targets (page 14 of the WMMP) No

Comments

the targets are much too low

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) Yes

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP) Yes

Comments

5. Do you agree with the proposed policy actions (page 19 of the WMMP) No

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) No

Comments

user pays fees only lead to illegal dumping of rubbish in nature

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.

If you have supplied a valid email address, a copy of this completed form will be emailed to you.

Otherwise please print a copy of it for your own records before you close this window.

Submit Button - This button will become active when all mandatory fields are filled in (fields marked with *) and you click once on the button.

All submissions are considered official information under the Local Government Official Information and Meetings Act, and may be published and/or made available to elected members and the public.

From: ashley holwell
To: [Mail Room](#)
Subject: Submission to Draft Minimisation Plan
Date: Friday, 4 August 2017 10:30:03 PM

Kia ora,

Please find my submission to the Draft Waste Minimisation Plan below.

I call for the following things to be included in the Solid Waste Management and Minimisation Plan:

Zero Waste to be a target included as an aim for the district, with a clear achievement date and a pathway to developed to getting there. Auckland, our largest city and biggest neighbour, will be Zero Waste by 2040 because it aims to be one of the most liveable cities in the world. I want Whangarei to be liveable too.

Zero waste to be achieved in a timeframe that allows for the Puhipuhi landfill to be the last landfill Whangarei District Council ever has to construct. The Last Landfill Ever. Now that would be a story that could help make Whangarei the envy world.

Require our contractors to use processes and procedures which create high-quality, uncontaminated recyclable materials from our recycling bins. Currently in Whangarei we recycle some plastic number 1's, and most 2's. Other parts of the country recycle 1-7's, and have been doing so for many years. This is another way that Whangarei is missing out and I want our council to be more ambitious on our behalf - because the people they represent certainly are.

Keep our recycling bins as they are, or improve them to allow us to do more separation at home. We know that if we switch to bins that combine glass and paper or cardboard that much of those materials will not be recycled as they will be too mixed up. The factories that sort our recycling aren't very good at what they do - this is why China is now rejecting the world's contaminated recycling.

Look towards establishing a hand sorting facility for recycling. We know and it has been demonstrated throughout the country that hand sorting creates a higher quality recycling product, has more market value, and employs many more people. This is a solution that turns waste into an opportunity.

Develop a Resource Recovery Network that actively works to make it easy for domestic and commercial customers to turn waste into useful resources, rather than a burden on the land and the economy. This will work to shift Whangarei from a 'linear' economy to a 'circular' economy.

Work with all businesses and organisations who operate within the district on the development of a product stewardship programme which aims to match the responsibility of waste management and reduction with the waste producer, rather than the end consumer, as is the current norm. Who is responsible for making the waste is still responsible for it until it isn't waste.

Create a local definition of waste as a 'resource' as opposed to a 'burden,' and make decisions based on that definition.

Create a Waste Minimisation Plan that is aspirational, in line with best practice, and makes Whangarei liveable, sustainable, and a leader.

Kind regards,
Ash Holwell



Virus-free. www.avg.com

From: penny mcconnell
To: [Mail Room](#)
Subject: Submission for the WDC Waste Management and Minimisation Plan 2017.
Date: Saturday, 5 August 2017 10:36:01 AM

It is imperative that Whangarei District Council makes zero waste a goal for Whangarei. This is a SMART goal that Regional and District councils around the country have already adopted. Anything less is a disservice to future generations.

- The 240 litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill.
- Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work. WDC needs to introduce soft plastic recycling.
- WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste -water treatment plant.
- Green waste at all transfer stations immediately. Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei.
- We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.

Our discipline and dedication today will be recognised tomorrow. The triple bottom line, the long term costs of all waste to our society must have the utmost consideration in this new waste management plan.

Yours faithfully,

Penelope McConnell

From: penny mcconnell
To: [Mail Room](#)
Subject: Submission for the WDC Waste Management and Minimisation Plan 2017 (2)
Date: Saturday, 5 August 2017 10:43:38 AM

We need to have a collection of e-waste and a collection of large and/or recyclable goods to take place on a yearly basis. The current situation whereby only those with appropriate transport, money and inclination take their rubbish to the dump encourages fly tipping and makes many areas and properties an eyesore.

There also could be a drive for volunteer community rubbish ambassadors - that represent the concerns of the community they come from. The Council could target these areas of concern and get community buy in and support.

Yours Faithfully,

Penelope McConnell

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Juliane Chetham - 2017-08-05
Date: Saturday, 5 August 2017 10:52:54 AM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Juliane Chetham

* Postal Address:

PO Box 557 Whangarei 0140

* Best Daytime Phone Number:

094377462

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

admin@patuharakeke.maori.nz

Email:

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

on behalf of an organisation

Name of Organisation:

Patuharakeke Te Iwi Trust Board Inc

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission?

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP)

Comments

The visions, goals and objectives are too weak. Vision needs to incorporate a statement about the district actively working towards zero waste to landfill. Reducing the harmful effects of waste to human health and the environment should be a goal or objective.

2. Do you agree with the proposed targets (page 14 of the WMMP)

Comments

Targets need to be more ambitious. Proposed targets are more akin to maintaining the current levels rather than actively working to reduce them.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)

Comments

The 240 litre wheelie bins must not be adopted as they reduce the quality of the recycled goods, meaning more recyclable goods go to landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work.

4. Do you agree with the proposed education actions (page 19 of the WMMP)

Comments

Support continuation of school advocacy programmes etc but this needs to be substantially expanded. It should also include funding to allow commercial activities/businesses to access and understand best practice around waste. Look ways endorse home composting, worm farms and Bokashi through education and subsidy. As FNDC and other councils do, support the Para Kore programme to build relationships with Maori and encourage and engender more community commitment for waste minimisation. This programme is designed to support marae to reduce waste.

5. Do you agree with the proposed policy actions (page 19 of the WMMP)

Comments

In part - agree with pursuing the bylaw that will progress better monitoring and reporting requirements

6. Do you agree with how we propose to fund the service (page 20 of the WMMP)

Comments



Statement of Proposal on the Draft Waste Minimisation and Management Plan 2018 (subject to the Special Consultative Procedure process) Feedback and Submission Form

Thank you for taking this opportunity to comment on the Statement of Proposal on the Draft Waste Minimisation and Management Plan.

Points to remember when making a submission

- Please print clearly. The form should be easy to read and be understood, and may need to be photocopied.
- We will respond in writing to every submission received. Please ensure that you provide appropriate contact details so that our response gets back to you.
- All submissions are considered public under the Local Government Official Information and Meetings Act, and may be published and made available to elected members and the public.
- Your submission will not be returned to you once it is lodged with Council. Please keep a copy for your reference.
- Prior to the closing date for submissions, there will be an opportunity for you to have your say, ask question etc in a "have your say day" which will be advertised in the Northern Advocate and Whangarei Leader.
- Hearings for Submissions will take place on **24 August 2017** in Council Chambers, Forum North.

How to get this form to us

Mail to: Draft Waste Minimisation and Management Plan,
Whangarei District Council,
Private Bag 9023,
WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.

Please enter your details below

First name(s) Elizabeth

Last name Allen

Postal address P.O. Box 402047 Tutukaka
Whangarei.

Best daytime phone number 027 3511325 Mobile _____

Email liz_allen@xtra.co.nz

I am writing this submission (✓ box) as an individual on behalf of an organisation

Name of organisation _____

Do you wish to be heard in support of your submission? (✓ box) Yes No

Please provide your feedback below

You don't have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the vision, goals and objectives (page 13 of the WMMP). (✓ box) Yes No

Comments
Make it easy for recycle: Educate community on what can be recycled.
Encourage community to deal with food waste: better education on avoiding waste.
We need soft plastic - eg. wrap/plastic bags to be recycled here locally. There needs to be a collective station.

2. Do you agree with the proposed targets (page 14 of the WMMP)? (✓ box) Yes No

Comments
Council can set an example by not using eco friendly cups at the water stations. No more styrofoam.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
Stamped Kleensak paper refuse bags need to be available in supermarkets/shops.
No wheelie bins.
Smaller bins for recycling. colour coded. glass, plastic cardboard/paper.

4. Do you agree with the proposed education actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
Placing pressure and incentive on businesses' to eliminate plastics. e.g. Sushi outlets.
Create incentives on having recycling plastic bottles vendor machines - plastic in - money out.



5. Do you agree with the proposed policy actions (page 19 of the WMMP)? (✓ box) Yes No

Comments

6. Do you agree with how we propose to fund the services (page 20 of the WMMP)? (✓ box)

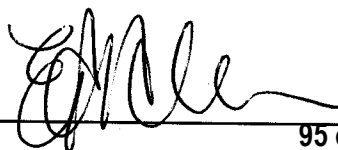
Yes No

Comments

7. Please provide any other comments you may have on the WMMP (please include the heading and page number the that comment relates to)

If you have any further comments, please include them on a separate sheet. Make sure that you include your name, address and phone number on the separate sheet.

Signature: _____



95 of 120

Date: _____

4.8.17

Submission for Whangarei District Council Draft WMMP

Through my company Grassroots Limited I have worked in the resource recovery and waste minimisation industry for over twenty five years. In my capacity as Operations Manager for Reclaim Limited (2010 – 2014) I gained a very comprehensive overview of domestic and commercial recycling in the Whangarei District. Implementing any changes to improve resource recovery rates in the past was met with little enthusiasm and/or support. I am very optimistic that with the current elected councillors and staff that the Whangarei District Council will support the development and implementation of an innovative waste minimisation plan that will result in significant reductions in waste, new levels of recycling and resource efficiency.

There are a number of opportunities to reduce the amount of waste disposed to landfills. A 2008 survey of waste composition in municipal landfills showed that approximately three-quarters of the waste disposed of to landfills could have been potentially diverted by being recovered, reused or recycled. The amount of waste disposed of can also be reduced at other stages of a product's life cycle. This can include employing more efficient processes to extract raw materials, improving the efficiency of designs, and using materials more efficiently in the production process.

Vision, Goals, Objectives and Targets (4.2)

The current vision is not inspirational, it does not provide the big picture of where the council wants to be in the long term.

Change to:

Whangarei is a Zero Waste City where resources are valued by the community, enhancing the health of our environment, economy and people.

Zero waste is an ethical, economical, efficient and visionary goal, to guide people in changing their lifestyles and practices to emulate sustainable natural cycles, where all discarded materials are designed to become resources for another use.

Zero waste means designing and managing products and processes to systematically avoid and eliminate the volume and toxicity of waste and materials, to conserve and recover all resources, and not to burn or bury them.

Subscribing to Zero Waste does not mean instantly eliminating every last piece of waste whatever the cost. The concept of Zero Waste and the thinking behind it are revolutionising approaches to waste management.

Raglan is New Zealand's first Zero Waste community and is diverting more than 75% of the community's waste from landfill and has created many new businesses, employed more than 200 people and injected an estimated \$13.5 million into the community.

<http://greenribbonawards.org.nz/?q=raglan-zero-waste>

Auckland Council has an aspirational goal of zero waste by 2040. That means by recycling, composting food waste, re-using items and preventing waste in the first place, they will be on target to send as little as possible to landfill. This will save valuable raw resources and energy, and help them achieve their goal of making Auckland the world's most liveable city.

<http://www.makethemostofwaste.co.nz/about/>

Implement goals, objectives, actions and budgets that include and support:

- reduce reliance on landfill
- achieve operational efficiencies
- restrict organic waste
- investigate opportunities to process green waste within or close to existing transfer stations
- restrict waste paint (*waste paint is currently mixed with sand and disposed of to landfill when it can easily be recycled – see photo last page*) <http://www.enviropaints.co.nz/>
- develop infrastructure to maximise resource recovery
- maximise local economic development
- increase councils contribution to community education and initiatives targeting specific materials to be diverted from landfill
- implementation of policies that support the sorting, dismantled, baling and/or processing of recovered materials (especially kerbside) to support local jobs and grow the local economy (*currently all kerbside material and some material from ReSort transfer station is mixed, compacted, turning it into low valued material, shipped to Auckland, processed and exported as low grade product*)
- advocate for increased producer responsibility, including central government regulation for a container deposit scheme(CDS) and product stewardship for key waste streams such as agricultural waste, tyres, electronic waste, plastic bags and packaging (*the implementation of CDS would see an immediate increase of recovery rates for beverage containers from the current 25% to 80% with no extra cost to Council*)
- support other groups who advocate for product stewardship and a container deposit scheme (WDC is the only council in NZ that does not include a section on producer responsibility, or a specific action to advocate for producer responsibility)
- Council to lobby for increases to current waste levy from \$10 per tonne to \$50 per tonne (*this could result in Council receiving up to \$1 million per annum that could be used towards costs to improve and increase resource recovery rates and support community based education initiatives*)
- Review and change current process where WDC charges the public to drop off reusable and recyclable materials at the Re Sort Centre which then has to be handled by staff to pull out

such material. The public should be able to and encouraged to drop off all recyclable material (ie scrap metal/aluminium) and 2nd hand goods for resale in 2nd hand shop at NO COST.

Targets

The proposed increase target of 10% could be achieved within 6 months with some simple changes. Setting low targets highlights the need for a different more progressive approach to waste minimisation in Whangarei. There are number of feasible and practical opportunities to reduce waste to landfill.

Achievable and more realistic targets would be:

- reduce domestic waste to landfill by 50% by 2023
- reduce commercial waste to landfill by 60% by 2023

Transfer Stations (ReSort & rural stations)

The Whangarei District Council is in a unique position (owing 50% of the landfill and ReSort Centre) and 100% of rural transfer stations. Current contracts should be reviewed and changed in order to make important and necessary changes to enhance and improve current policies, processes and outcomes relating to how waste is managed and processed in Whangarei.

Community operated resource recovery facilities including Raglan and the Far North have resulted in significantly more materials being diverted to landfill than similar commercial operated facilities.

Auckland Council has just set up 5 community based facilities to reduce waste to landfill.

<http://www.makethemostofwaste.co.nz/recycling/community-recycling-centres/>

I recommend a 'Keep in the Loop' recycling tour of 3 or 4 facilities to see for yourselves what these organisation are achieving and why. (Happy to help organise!)

Kerbside Collection

It is well documented nationally and internationally that 240 litre wheel bin systems that involve mixing of paper, glass and plastics results in poor quality recyclables and lower value due to the contamination of paper, glass and plastic and promotes poor recycling practises. Where user pays rubbish (ie council bags) accompanies a free 240 litre recycling wheelie bin, there is often an increase in people trying to avoid rubbish costs by putting rubbish in the 'free' 240 litre recycling wheelie bin.

Recycling crates have and are continue to be used effectively nationally and internationally. Some systems now offer a range of bins for food and green waste collections. Health and safety is not an issue if companies have good policies, and practices in place. The unusual high rate of documented incidents within Whangarei suggest that better health and safety systems need to

be put in place along with education and monitoring of staff. I would recommend that Council contact the Far North District Council for a report on their health & safety incidents, other Councils or the Department of Labour to properly assess the current issues.

Council is well aware of restrictions relating to the importation into China of all mixed, low grade plastic, a result of using 240 litre wheelie bins and poor recycling practices. Currently worldwide with the new restrictions in place recycling programmes are looking at ways of returning to systems that offer separation of material rather than mixing. Separating and processing plastics into the individual grades is best practice resulting in the increase value of these materials, more markets for materials, opportunities to support local manufacturers and processing plants and creating more local jobs.

When managing the public drop off facility at Re Sort we separated and baled clear and coloured PET, HDPE and #5 which resulted in an increase in profit for these materials. Currently the majority of plastic (with the exception of some HDPE) is mixed with the kerbside materials, compacted and sent to Auckland as a low grade mixed plastic where it is sorted.

The recent opening of New Zealand first commercial PET processing plant in Wellington provides an economic incentive to resume the collection, sorting and baling of PET bottles in Whangarei. Flight Plastics take PET bottles and containers recycled at kerbside and turn them into new food packaging.

<http://www.flightpackaging.co.nz/images/FlightRPETbrochureA4.pdf>

Soft Plastics Recycling

Funded by Central Government and the packaging industry, launched early 2016, the soft plastic project takes all soft plastic bags including bread bags, frozen food bags, toilet paper packaging, confectionery and biscuit wrap, chip bags, pasta and rice bags, courier envelopes, shopping bags, sanitary hygiene packaging - basically anything made of plastic which can be scrunched into a ball. Whangarei should lobbying Central Government to provide soft plastic recycling for our district. Collection bins could be placed at transfer stations, The ReSort Centre and Council buildings

<http://www.recycling.kiwi.nz/soft-plastics>

Community Engagement

Community engagement, support and involvement is vital to the success of any waste minimisation initiative. Council needs to review and look at new opportunities to improve. This should be done in consultation with community groups and organisations

I welcome the opportunity to meet with any Councillor or Council staff to discuss my submission and share my experience and knowledge. I will be overseas from the 7th August to the 13th October. In my absence if there is an opportunity to speak on my submission or provide

additional information I would ask that you contact Cliff Colquhoun mobile 0274 808 174 tel (09) 409 4912 who has offered to speak on my behalf

Regards

Melissa Arseneault

Grassroots Limited

Tel 434 0655

Mob 021 550 249

Email grassroots63@clear.net.nz



How paint is collected and process (mixed with sand) then disposed to landfill vs recycling into new paint <http://www.enviropaints.co.nz/>

From: cms@wdc.govt.nz
To: [Mail Room](#)
Subject: Submission Form: Draft Waste Minimisation and Management plan 2018 - Anita Patricia Hollis - 2017-08-05
Date: Saturday, 5 August 2017 4:35:57 PM

[Submitted by Anonymous User]

Do not reply to this email - This mailbox is not monitored. This is a copy of information submitted for your records.

Please enter your details below

* Full Name(s):

Anita Patricia Hollis

* Postal Address:

629e owhiwa road, rd1
Parua bay

* Best Daytime Phone Number:

0210310746

(If you do not have a daytime telephone number, please type N/A in the above box).

Mobile Number:

0210310746

Email:

Anitahollis85@gmail.com

(If you provide an email address, a copy of the submitted form will be sent to you).

* I am writing this submission:

as an individual

Name of Organisation:

(Please provide an organisation name only if you are making this submission on behalf of that organisation).

* Do you wish to be heard in support of your submission? [Select...](#)

Please provide your feedback below:

You do not have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the visions, goals and objectives (page 13 of the WMMP) [Yes](#)

Comments

I think we need to focus more on recycling the recyclables than the waste itself. If we had a way to recycle more materials and have a place to donate reusable goods for free this would be a fabulous way to minimise the waste tipped into landfills, and potentially reduce people dumping their items when moving house on the sides on roads, banks and the bush.

2. Do you agree with the proposed targets (page 14 of the WMMP) [Select...](#)

Comments

I think if we could minimise the waste people produce by focusing on recycling this would be great.

I come from Palmerston north and they have stations where people take their recycling to the depot and place it all into the correct shoots. Great way to minimise recycling contamination.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP) [Select...](#)

Comments

4. Do you agree with the proposed education actions (page 19 of the WMMP) [Select...](#)

Comments

Education to our younger generation is absolutely critical. Not only this but not littering.

5. Do you agree with the proposed policy actions (page 19 of the WMMP) [Select...](#)

Comments

6. Do you agree with how we propose to fund the service (page 20 of the WMMP) [Yes](#)

Comments

7. Please provide any other comments you may have on the WMMP

(please include the heading and page number that the comment relates to)

Comments

Please check that the details you have provided are correct before you submit the form – once you click the [Submit Form] button the form cannot be changed.



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Mail to: Draft Waste Minimisation and Management Plan,

Whangarei District Council,
Private Bag 9023,
WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.

Please enter your details below

First name(s) Ria

Last name Wooliams

Postal address 316 Clements Rd, Matapouri
R D 3, Whg 0173

Best daytime phone number 4341 3699 Mobile 027 389 1747

Email ria.nice@yahoo.com

I am writing this submission (✓ box) as an individual on behalf of an organisation

Name of organisation _____

Do you wish to be heard in support of your submission? (✓ box) Yes No

Please provide your feedback below

You don't have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the vision, goals and objectives (page 13 of the WMMP). (✓ box) Yes No

Comments
I Think The vision should be for a district that responsibly takes care of all waste so that it is converted back to a resource, be that product or energy. We should tolerate less production + use of packaging that creates waste. We should be envisioning a district of Zero Waste.

2. Do you agree with the proposed targets (page 14 of the WMMP)? (✓ box) Yes No

Comments
No, I do not think these targets are ambitious enough. Kerbside recycling will need to increase by more than 10%. Waste generation is only aiming for less than current - unspecific. Our target ^{goal} needs to be Zero Waste!! Need more ambitious targets to work towards this

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
I don't want wheeler bins for waste or recycling. Impossible for rural properties - I'm not going to get a 240l bin 3km's down the road. Terrible for older people with sloping drives also. Plus it would severely reduce the efficiency of the separation system, lead to more breakage increasing difficulty in separating

4. Do you agree with the proposed education actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments



5. Do you agree with the proposed policy actions (page 19 of the WMMP)? (✓ box) Yes No

Comments

6. Do you agree with how we propose to fund the services (page 20 of the WMMP)? (✓ box)

Yes No

Comments

7. Please provide any other comments you may have on the WMMP (please include the heading and page number the that comment relates to)

pg 28

Infrastructure Actions - I would like to see all transfer stations collect green waste
 Also - recycling of soft plastics
 - a collection of food waste (commercial) for composting / energy generation.
 - ability for all transfer stations to resell / give away usable materials dumped → better use of waste as a resource
 - a strategy for dealing with treated timber waste, so that this is not all going to land fill (work with producers?)
 I support removal of bins in holiday areas - see a positive impact in Matapouri from this.
 WDC needs to have a goal towards zero waste, support to assist commercial activities to plan + organise for this.

If you have any further comments, please include them on a separate sheet. Make sure that you include your name, address and phone number on the separate sheet.

Signature: J. Wolf

Date: 4/8/17



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Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz

Your feedback should reach us by 5.00pm on 5 August 2017.

Please enter your details below

First name(s) JEREMY

Last name BISCK

Postal address P.O. Box 3274, ONERAHI
WHANGAREI 0142

Best daytime phone number 021 232 6525 Mobile 021 232 6525

Email _____

I am writing this submission (✓ box) as an individual on behalf of an organisation

Name of organisation _____

Do you wish to be heard in support of your submission? (✓ box) Yes No



Please provide your feedback below

You don't have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the vision, goals and objectives (page 13 of the WMMP). (✓ box) Yes No

Comments
Section 42. Paragraph 3 No 3 vision goals & objectives should include
collection of recyclables from businesses
No 4 Add creating jobs from sorting waste to turning
it in to income, employment & reducing waste going to
landfill
2. Vision, Goals Objectives to attain Zero Waste.

2. Do you agree with the proposed targets (page 14 of the WMMP)? (✓ box) Yes No

Comments
ADD AIM FOR ZERO WASTE
ADD Create opportunities for and assist with establishment
of set ups for non profit organizations such as
IDEAL SERVICES to develop income from recycling
Metal and building materials before they go
over the tip head.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
Definitely sponsor education programmes in primary
intermediate schools - even set up recycling bins in
school grounds with incentives for pupils to participate
Don't believe in wheelie bins, educate users to separate recycling
for collection. Definitely complete detailed analysis of
all waste collections.

4. Do you agree with the proposed education actions (page 19 of the WMMP)? (✓ box)

Yes No

Comments
see above - More education in primary & intermediate
schools, explain why & what the outcomes for their
future if they don't do something now.



5. Do you agree with the proposed policy actions (page 19 of the WMMP)? (✓ box) Yes No

Comments

The get rates to provide funding to create a not for profit recycling organization as in "Good News for a Change" Chapter on Making money like the Bee. Recycling all wood waste of supporting local services metal recycling programme.

6. Do you agree with how we propose to fund the services (page 20 of the WMMP)? (✓ box)

Yes No

Comments

7. Please provide any other comments you may have on the WMMP (please include the heading and page number the that comment relates to)

Aspire to the ultimate goal of zero waste.

Eliminate wood waste going to landfill that is recyclable.

Eliminate metals going to landfill - kerbside collectors are picky of what gets put out -

Have inorganic collection days - support local services to have metal recycling collection days same time as scheduled rubbish collection days in each zone -

Get a glass recycling crushing plant, turn glass into sand - more glass goes into landfills than gets recycled.

Put 100% effort into developing outlets/businesses for supplying all plastic etc plastics to recyclers even if they are subsidized or stored till enough to ship to Auckland

If you have any further comments, please include them on a separate sheet. Make sure that you include your name, address and phone number on the separate sheet.

Signature: 

Date: 5/7/2017.

116 RECEIVED
CUSTOMER SERVICES
- 4 AUG 2017
WHANGAREI
DISTRICT COUNCIL



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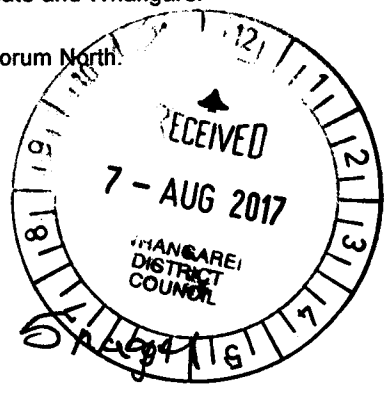
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WHANGAREI 0148

Fax to: 09 438 7632

Email to: mailroom@wdc.govt.nz



Your feedback should reach us by 5.00pm on 5 August 2017.

Please enter your details below

First name(s) MARGARET BARBARA

Last name HICKS

Postal address P.O. Box 224
RUAKAKA 0151

Best daytime phone number (09) 432 7117 Mobile _____

Email _____

I am writing this submission (✓ box) as an individual on behalf of an organisation

Name of organisation _____

Do you wish to be heard in support of your submission? (✓ box) Yes No

Continued on separate page

Waste Minimisation and Management Plan 2018

Introduction

Unfortunately one of the adverse effects of a consumer society is the ever increasing generation of waste. At least 2 issues principally outside the control of the Whangarei District Council have led to such significant increases. They are as follows:

- 1) an increase in packaging especially plastic by the retail trade including supermarkets.
- 2) the impact of dodgy asian goods especially those from China that have a very limited life span as opposed to durability. This has resulted in the closure of a number of New Zealand manufacturers accompanied by loss of employment and skills.

If only these 2 issues could be addressed there would automatically be a noticeable reduction in waste.

Local government waste minimisation

According to the WDC's consultation document July 2014 apparently 85% of Whangarei District residents are satisfied with the current waste management. Since when? Where is the proof? At the very least I have heard complaints re the cost of collection and more particularly of the exorbitant transfer station charges. No wonder PUMPING is an ongoing problem after all what do we pay rates for?

Northland including the Whangarei District is one of the lowest (if not the lowest!) socio-economic areas in the country so the high cost of waste disposal for residents could well be the primary reason for dumping and the resulting

additional cost to council to organise 'clean up' operations.

The problem is how to reconcile the need to reduce dumping with the need to reduce the amount of waste generated by the community.

As I see it reducing transfer station and waste collection fees need not necessarily increase the amount of waste to be collected if that is accompanied by the following:—

- a) better organised and increased recycling at no cost to residents.
- b) improved education both to the wider population as well as schools.

RECYCLING.

Transfer stations could play a much more comprehensive role than at present by separating items that are still usable and putting them aside or showing for residents to purchase at a minimal fee. Why fill up LANDFILLS with items that can be re-used?

Charges for green waste disposal smacks of exploitation since that can be composted to produce potting mix, weed control etc and on sold.

EDUCATION.

This needs to be expanded by encouraging composting of organic material including food wastes, none of which need be included in the organised street collection.

Schools could play a much larger role. Students should be encouraged not to litter not only within the confines of the school but within the wider community. ~~Re...~~

at least one local college refuses to detail students to pick up rubbish in the school grounds and immediate vicinity. Merely organising the occasional beach 'clean up' is not sufficient. We all need to become more enter conscious and take our rubbish home.

VISITOR GENERATED WASTE

In the Ruakaka Bream Bay area the principal culprits are:

- a) freedom campers & even worse still
- b) Asian crabbers

Council could solve the first problem by encouraging campers to use official campsites where rubbish bins are available & secondly by refusing to permit crabbers that pollute the beach and dual environment by

1. working with Primary Industries to ban the use of chicken carcases as an inappropriate fish bait.

2. organise beach patrols to insure crabbers clean up after their activities.

Ongoing contact is likely unless this particular problem is resolved.

BUSINESS (Industrial and retail) Waste management

Encourage re-cycling wherever possible. There should not be a repeat of the situation at Northcote Lumber when council put a stop to the moratorium of waste wood for the community at Ruakaka on spurious grounds whilst allowing Northcote to put out waste wood on the footpath at Cove Road Waym.

More proactive monitoring of toxic activities in conjunction with the Northland Regional Council. Industrial subdivisions need more vigilant supervision as is clearly demonstrated at Lakeside, Ruakaka.

WASTE WATER TREATMENT

all treatment plants need to be upgraded when necessary not left as at Ruakaka. Here at the very least the wetland upgrade is long overdue as usage has significantly increased - almost 3 times since the current resource consent was issued. In 2007 usage was approximately 3000 cubic meters per week now in 2017 some 10 years later, it is around 8400 cubic meters. How come it is permissible to discharge inadequately treated waste water into the dunes at Ruakaka yet at Waipā with only half the population and therefore only half the sewage it was deemed necessary to upgrade the wetland there?

Waste management is a health issue and a very important part of the Whangarei District Council's functions. That the amount of waste to be collected & in some cases treated has been steadily increasing is a matter of concern. Obviously, ways to cut down the amount of rubbish consigned to landfill needs to be reduced.

Public AWARENESS surely is a key as is recycling wherever possible. However if council persists in putting up charges it will not gain the necessary co-operation from residents. Transfer station capacity need to be reassessed if dumping is not to increase.

Signed
Margaret J. Nichol

4.8.17.



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Email to: mailroom@wdc.govt.nz



Your feedback should reach us by 5.00pm on 5 August 2017. Sat

Please enter your details below

First name(s) Shane Jansen

Last name Jansen

Postal address 91 Church St, Onerahi, Whangarei 0110

Best daytime phone number 022 023 6478 Mobile

Email shoy@actrx.co.nz

I am writing this submission (box) as an individual on behalf of an organisation

Name of organisation _____

Do you wish to be heard in support of your submission? (box) Yes No

Please provide your feedback below

You don't have to answer the following questions, but if you do, it will help us to gauge whether we have things right. Please add any specific comment you may have under each answer. If you wish to comment on any specific clause, please include the heading and page number.

1. Do you support the vision, goals and objectives (page 13 of the WMMP). (✓ box) Yes No

Comments
Goals N° 3. Maximise community benefits - this should more explicitly include the environment (esp waterways/marine). Waste management activities should avoid actions which release waste to waterways - windblown plastic etc. Waste collection must capture more litter + windblown waste before it enters waterways. * Also methane from organics to landfill.
Goals N° 2: Support make it <u>easy</u> to recycle + Please collect plastic 3, 4, 5 + 7 as is done in Auckland. see further comments in general comments N° 7 below.

2. Do you agree with the proposed targets (page 14 of the WMMP)? (✓ box) Yes No

Comments
1.1 There is a conflict within this one. If You want to reduce total quantity of waste and include recycling in this. In 2.1 In 2.1 you want to increase the proportion of material captured for recycling. Your own document suggests that there is potential to capture new material ie timber + organics. If you are good at this your overall waste figure may not reduce. i.e you non recyclable component may not decrease at the same rate as your recyclable component increases
2.1 Take specific actions to promote timber collection to divert from landfill - more publicity - form direct relationships with builders etc + collectors of wood waste.

3. Do you agree with the proposed infrastructure actions (page 19 of the WMMP)? (✓ box) Yes No

Comments
Support more protection for rubbish collection staff + contractors at kerbside. However I want glass collected separately + with limited breakage. I understand that the quality of reclaimed glass affects its viability for recycling - quality of end product.
Also support actions proposed for organic waste. We must decrease this to limit methane production.
Support the Education actions.

4. Do you agree with the proposed education actions (page 19 of the WMMP)? (✓ box) Yes No

Comments
Especially focus on businesses. There are companies that specialise in capture + diversion of building waste - promote them to business.
- More education about washing contents of recycling - I observe some filthy contents in crates quite commonly. This will be a worse issue with 240L bins as recycling will sit longer before collection.
- Educate to decrease deposits of car waste into litter bins. I see this lots - people putting shopping bag size lots of waste in. Get them to take it home.

5. Do you agree with the proposed policy actions (page 19 of the WMMP)? (✓ box) Yes No

Comments

6. Do you agree with how we propose to fund the services (page 20 of the WMMP)? (✓ box)

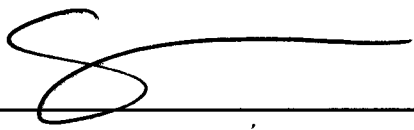
Yes No

Comments

7. Please provide any other comments you may have on the WMMP (please include the heading and page number the that comment relates to)

Nº 1 (Vision goals etc) continued.
Objectives Nº 1 - To avoid creating waste - much of our waste is food packaging. Can WDC work with supermarkets + manufacturers in some way to support a reduction in food + product packaging??
Flytipping: Your document says litteract allows for max fine of \$5000 for individual. I read in recent newspaper report that the persons identified in a recent fly tipping incident out Pakohai way were only fined \$400!!?? How come so little??
Routine street clean i.e left hand drive truck where driver stops at roadside + picks up dropped litter. Please enhance this by having them go more than a metre from the road edge when needed. They miss a lot - I see this as I bicycle alot. This missed waste gets into waterways.

If you have any further comments, please include them on a separate sheet. Make sure that you include your name, address and phone number on the separate sheet.

Signature:  Date: 5.8.17.



Submission from Northland District Health Board

Whangarei District Council Draft Waste Minimisation and Management Plan 2018

The Northland DHB's sustainability strategy and action plan includes a target to reduce its environmental impact and greenhouse gas emissions; reducing our waste to landfill by 30% by 2025. While our action plan steers our organisation toward achieving this target, there are several factors outside our control, within control of Whangarei District Council (WDC), influencing our ability to reach our waste emissions target:

Landfill Gas Recovery

Currently the Puwera landfill is a facility without landfill gas energy generation. Currently gas is collected, but flared. Introducing landfill gas recovery and generation would reduce our waste to landfill emissions by over 60 percent. Therefore;

- Northland DHB request WDC consider a landfill gas energy generation system,
- Northland DHB/WDC collectively investigates the feasibility of recovered landfill gas, feeding into Northland DHB's gas fuelled boilers via compressed cylinders.

Broaden Plastic Recycling

Currently the limitation of plastic recycling is directly contradictory to the WDC waste policy to 'make it easy to recycle'.

Broaden the plastics recycled in the Whangarei District, currently just number 1 and 2, to include plastics 1 through to and including 7.

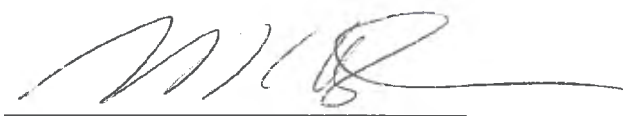
This change would mean Northland DHB recycle significantly more plastic, all which is currently sent to landfill.

Should there be a suggestion this would be an uneconomical step, given Northland's geography. We refer to district councils of similar distance to shipping lines; Taupo, Gisborne, Central Otago and our Far North neighbours; all offer plastics 1-7 in their current recycling schemes.



Other remarks on the waste policy:

- Northland DHB supports the policy actions for implementation of effective reporting requirements - Our strategy requires us to monitor and track our performance, robust and accurate data on waste and recycling is needed;
- Northland DHB supports actions to improve the health and safety of waste handling;
- The current proposed waste policy does not reference the reduction of emissions caused by waste and the proposed target for waste per person - Given New Zealand has signed the Paris agreement to reduce its greenhouse gas emissions, as a minimum this target should be in line with national reduction efforts. On a national level the emissions caused by waste are 6%.
- Currently there are no planned actions to increase recycling, as per the proposed targets outlined in the waste policy. Northland DHB supports actions to avoid waste and increase the amount of recyclables, for example timber, plastics and paper are large contributors to waste with opportunities to be diverted from landfill.



Dr Nick Chamberlain, Chief Executive

Author:

Margriet Geesink, Sustainability Development Manager

Margriet.geesink@northlanddhb.org.nz

021-726723



From: DonnaMc
To: [Mail Room](#)
Subject: WDC Waste Management and Minimisation Plan 2017
Date: Tuesday, 8 August 2017 8:45:53 AM

Please accept this email as a submission in regards to the WDC Waste Management and Minimisation Plan 2017.

I would like to see Whangarei District Council adopt a zero waste goal for Whangarei. This is a SMART goal that Regional and District council around the country have already adopted. I would like to see this change occur to as a progressive measure to protect future generations.

The 240 litre wheelie bins must not be adopted as they reduce the quality of recycled goods, meaning more recyclable goods would go to the landfill. Our current curbside collection has some of the highest quality glass recycling in the country, we need to improve on this good work. WDC needs to introduce soft plastic recycling – other regions do this. By not providing this service recyclable materials are going to the landfill.

WDC needs to introduce a commercial food waste collection to be composted or made into energy at the waste-water treatment plant. Green waste at all transfer stations immediately. Waste is a resource and we need to make sure we are maximising opportunities to sort and bundle recycling in Whangarei. We need to increase zero waste education funding to ensure commercial activities are able to access and understand best practice around waste.

Community engagement is needed to address the illegal dumping issue. Look at providing a solution instead of spending thousands on cleaning up. Why not offer a yearly collection service of inorganic waste and e-waste, that can be recycled, donated or dumped accordingly.

The long term costs of all waste in our society must have the utmost consideration in this new waste management plan.

Kia ora

Donna McEwen

arakan@ihug.co.nz

Submission to Whangarei District Council

From Jenny Kirk, 25 Weaver St, Whangarei 0112 ph 4337267 email jennykirk273@gmail.com

Sorry for delay in reply. Would you please accept this late submission.

11 August 2017

Waste Minimisation and Management

- **What about bags for refuse, but replace recycling crates with 240L bins. How would this affect you?**

I agree with continuing household rubbish collection on a weekly basis using council plastic rubbish bags for refuse.

Reason - having a weekly collection means households do not need to accumulate much in the way of smelly and deteriorating household rubbish – particularly food scraps and meat scraps

It is a simple, easy and effective way for households to manage their personal household rubbish – why make it complicated ?

Replacing the current 60-odd L recycling crates with 240L bins seems excessive. It raises many questions on their use.

These are very BIG wheelie bins – almost 4 times the size of the current recycling crates

How often would these 240L bins be collected ?

Would the size of these bins encourage people to include their weekly household rubbish in them – thus doing away with the weekly plastic bag collection ?

- **Your question : *What about bags for refuse, but replace recycling crates with 240L bins. How would this affect you?* This indicates that maybe you are thinking of replacing both the plastic refuse bags AND the recycling crates with the very big 240L bin.**

-

If this is the case, are you not just transferring a perceived problem about broken glass, safety issues and nasty rubbish in the recycling bins into another arena – the waste disposal station where people presumably will have to re-sort actual household rubbish from bottles and tins ?

The size of these bins will ENCOURAGE people to fill them up – rather than reduce their waste.

Another aspect you may not have considered is that the open recycling crates do deter a person from putting very nasty stuff into them – in most cases. Ditto the plastic bags – it's a bit obvious if you try to stuff an enormous old carpet or some insanitary product into them. There is a deterrent aspect to not being seen to be a nasty dirty neighbour with awful household habits. The current system provides that deterrent.

You do not give any information about the **cost** of replacing our current recycling crates with 240L wheelie bins so therefore questions arise :

Are you thinking of reducing roadside rubbish collections from once a week, to perhaps once a month ? or a fortnightly collection ?

If there is a replacement from weekly collection, don't you think it might be more difficult for people to remember the date for a fortnightly collection or even a monthly one ?

For those people genuinely trying to reduce their rubbish – I'm assuming they would be inclined to put out their 240L wheelie bin when it is full.

- (a) This might not coincide with the rubbish collection cycle
- (b) This will result in a extremely smelly bin when it is finally put out

The current system with recyclable crates and pre-purchased plastic rubbish bags works well in most situations. What is the benefit of changing it ? Is it the cost to the council, is it the cost to the ratepayer and resident, or is it of benefit to the waste management companies employed by the council to do the work?

You ask : How can we solve the problem of high waste volumes during the peak holiday periods?

The easiest answer is to provide more, and slightly bigger, litter bins at peak holiday places, and increase the collection of these ie maybe have to collect/dispose of the rubbish every day rather than every three days or whatever is the current situation.

You ask - should we add green waste recycling at transfer station –

The basic answer is : Yes. The amount of lawn clippings, leaf litter, prunings etc sometimes (particularly in rainy and humid weather) can overwhelm the average householder . Easy disposal at a transfer station would be helpful, and could also provide the basis for a council-operated composting plant which could become self-funding after the initial set-up process.

You also do not give any idea of costs of replacing this service.

I would like to know the current costs of the service, and the future projected costs, and I'd also like to know WHY you are thinking of changing a simple, easy to understand, system.

Will there be any hearings or explanatory meetings to discuss these issues ?

Please advise.

Thank You,

Jenny Kirk

Issue/Suggestion	Options to address	Comment
Vision - Goals - Objectives		
Vision - refer to zero waste	Amend vision to include zero waste Retain vision but include more aggressive targets No change	<i>Achieving higher levels of diversion involves investment, Council needs to determine the appropriate balance between cost and diversion.</i>
Stronger or more ambitious targets	Amend targets to higher level of diversion No change	<i>As above</i>
Education	More detailed actions and targets	<i>Good feedback, will address in final WMMP</i>
Illegal dumping	Add clearer actions to address illegal dumping - enforcement, services, education	<i>Good feedback, will address in final WMMP</i>
National issues (CDL, plastic bags)	Identify key issues that Council will pursue via national collaboration	<i>Good feedback, will address in final WMMP</i>
Actions		
Need a clear plan	Add actions as per discussion here, ensure links to Vision - Goals - Objectives are clear Set out timeline	<i>Useful feedback, propose clear timeline focussed on early actions (link to LTP and Annual Plan process)</i>
Changes to recycling system	Ensure quality issues are addressed in - crates, back door collections, ... Consider additional materials acceptance	<i>Procurement planning is focussed on addressing quality and ease of use. Feedback will assist in defining service and setting selection criteria</i>
Local sorting of recyclables	Consider (incentivise) local sorting of kerbside material Investigate sorting of dry waste from transfer stations and/or bulky waste collections	<i>Could procure local sorting by preference. Seeking innovation in transfer station operations with a focus on recovery</i>
Community involvement	Community education Partnerships at rural transfer stations	<i>Good feedback, will address in WMMP and through procurement process.</i>
Green waste at transfer stations	Implement	<i>Identified by staff and contractor</i>
Inorganic collection	Vouchers (for transfer stations incl Re:Sort) Inorganic/bulky waste collection - scheduled or 'on demand' Rates funded or cost recovery	<i>Need to consider service and cost implications, potentially implement as pilot or with community.</i>
Organic waste collection	Food waste, garden waste or both Rates funded or user pays	<i>Identified as potential action in WMMP</i>
Household hazardous waste	Collection e.g. Hazmobile style mobile drop-off Drop off facilities and storage at transfer stations	<i>Good feedback, will address in final WMMP, need to consider cost implications.</i>

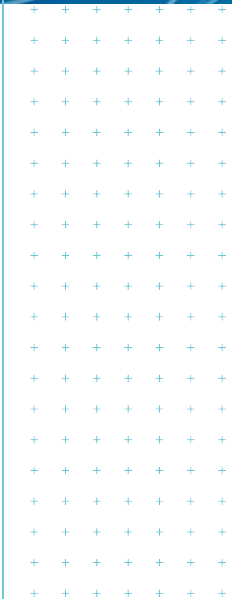
Issue/Suggestion	Options to address	Comment
Collaborate on national issues	Clear action including priority areas	<i>Good feedback, will address in final WMMP</i>
Improve capture at transfer stations	Inorganic/bulky waste collection with sorting Simple (flat floor + bunkers) sorting Sort line + classifying equipment Charging (incentivise sorted loads, separate garden waste and dry waste)	<i>Partly related to transfer station operations - progress via procuring the right operators potentially including community partnerships Partly related to site configuration (capital investment).</i>
Illegal dumping	Inorganic/bulky waste collection Aggressive enforcement Community education and information	<i>Need integrated strategy - appropriate services, education and enforcement.</i>

COUNCIL BRIEFING MARK-UP for 30. 8.17



Whangarei Waste Minimisation and Management Plan

Prepared for
Whangarei District Council
Prepared by
Tonkin & Taylor Ltd
Date
February 2017
Job Number
86151.v0.1



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Distribution:

Whangarei District Council

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Appendix A : Whangarei Waste Assessment (2017)

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Part A – Strategy

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1 Introduction

1.1 Purpose of the plan

This draft Waste Minimisation and Management Plan (WMMP) sets out how the Whangarei District Council (Council) will progress efficient and effective waste management and minimisation in the Whangarei District. It paves the way forward, considering current policy and the legal framework and Whangarei District vision, with an overarching suite of guiding goals and objectives.

This Waste Minimisation and Management Plan fulfils Council's obligations under the Waste Minimisation Act (WMA) (2008).

1.2 Scope of plan

This draft Waste Minimisation and Management Plan and associated Waste Assessment covers solid waste generated in the Whangarei District.

1.3 Current status of plan

August 2017

This plan is a draft of a new plan developed to replace the 2012 Waste Minimisation and Management Plan with draft amendments following public consultation. Following Council discussion on the amendments the Plan will be adopted by Council as a framework and guide for waste minimisation and Management activity in the Whangarei District from 2017 to 2023.

1.4 Plan review

Once adopted, this plan needs to be reviewed no later than 6 years from adoption. The plan will be review within this timeframe or earlier if a change circumstances provokes a review of Whangarei's waste minimisation and management policy framework.

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2 The waste situation

2.1 Volume and composition of waste and diverted materials

2.1.1 Waste composition

Waste composition audits provide information about the make-up of a waste stream and can help identify materials that make up large or disproportionate parts of the waste stream which can then be targeted when forming waste management and minimisation strategies. Historic and current waste composition in Whangarei is shown in Figure 1.

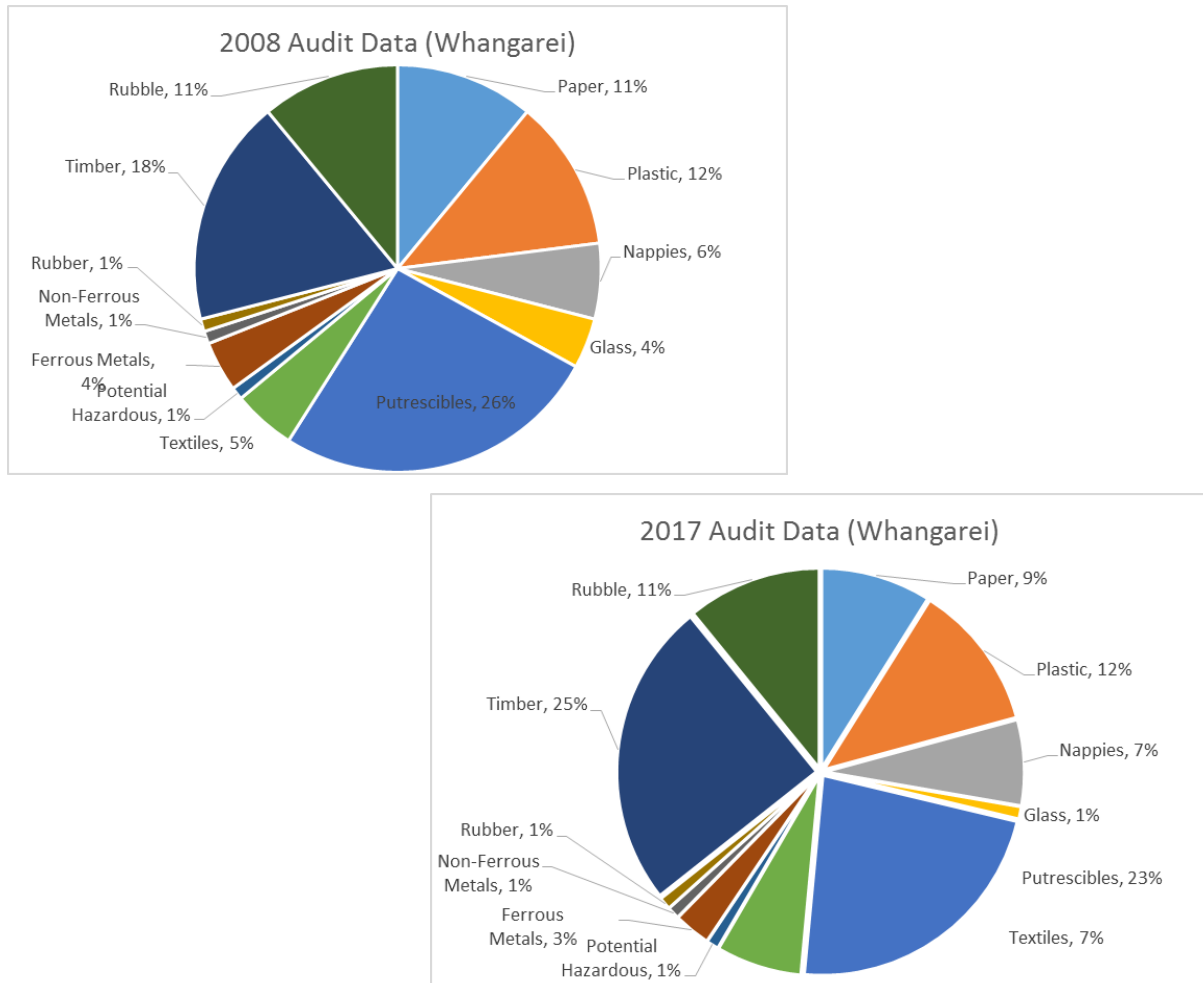


Figure 1 Refuse Composition 2008 and 2017¹

Material taken directly to landfill or transfer station (self haul) tends to have a larger proportion of bulk items (timber, rubble) and the putrescible fraction has a higher proportion of garden rather than food waste.

Kerbside and self haul waste quantities

Kerbside refuse in Whangarei District is collected in compactor trucks and consolidated at ReSort or transported directly to Puwera Landfill. Households can use Council refuse bags or stickers (sold at a range of retail outlets) or use one of several commercial wheelie bin services. Based on bag and

¹ 2008 data sourced from 2012 WMMP, 2017 data is from preliminary reporting of waste composition surveys completed in mid 2017.

sticker sales, around 75 % of households use the Council collection service. Using average container weights and assuming the remaining houses predominantly use 240 L wheelie bins provides a basis for developing the estimate of total kerbside refuse collected presented in Table 1.

Kerbside recycling is collected from rural and urban households with materials collected at the kerbside in Council provided crates. Materials are sorted at the kerbside and consolidated at ReSort and Uretiti Transfer Station prior to transport to markets or for further sorting. The data summarised in Table 1 suggests a diversion rate of around 25 % of materials collected from households in 2015/16.

Table 1 Kerbside waste quantities²

	2011/12	2012/13	2013/14	2014/15	2015/16
Kerbside refuse collection	16,990	17,736	14,990	17,366	18,424
WDC recycle collection	4,524	4,767	5,509	5,824	6,195
Total kerbside waste	21,514	22,503	20,499	23,190	24,619
Recycling rate (%)	22%	21%	21%	27%	25%

Total refuse quantities are measured in tonnes as they leave each transfer station and are reported for the rural transfer stations by the transfer station operations contractor. The data records material leaving each transfer station and their final destination, i.e. transported to Puwera Landfill or sold. There is no breakdown of where the waste originates i.e. kerbside or self haul from households (Municipal Solid Waste or MSW), businesses (Commercial and Industrial or C&I) or construction activity (Construction and Demolition or C&D).

The data presented in Table 2 suggests a diversion rate of 44 % of materials entering the transfer stations. The diversion rate at rural transfer stations is lower, reflecting the lack of green waste diversion at some sites. When all waste (i.e. via transfer station or transported directly to Puwera Landfill) is taken into account, the diversion rate drops to around 29 %.

Table 2: Estimated Waste Quantities via transfer stations or direct to landfill 2011 - 2016³

	2011/12	2012/13	2013/14	2014/15	2015/16
Refuse via transfer stations					
Casual transfer station users ⁴	9,526	9,660	9,665	9,367	8,241
Commercial	8,646	8,768	8,772	8,502	7,480
Recycle (transfer stations only)	12,697	12,697	12,876	12,882	12,485
Total waste via transfer stations	30,869	31,125	31,313	30,751	28,206
Recycling rate (%)	41%	41%	41%	42%	44%
Total waste landfilled	50,160	51,375	48,644	49,983	47,121
Total waste recycled	18,586	19,092	19,421	19,170	19,407
Recycling rate (%)	27%	27%	29%	28%	29%

² Data sourced from waste collection and transfer station contract reporting and weighbridge records at Resort and Puwera Landfill.

³ Data sourced from waste collection and transfer station contract reporting, ReSort weighbridge records and Puwera Landfill weighbridge records.

⁴ Includes waste from households and commercial activities transported directly to transfer station i.e. not by a waste collector.

There are several waste streams that are known to exist but are difficult to quantify. Examples include rural waste managed on farms, materials captured as part of commercial activity (scrap metal, industrial by-products, commercial recycling) and waste materials managed within manufacturing operations (e.g. biosolids from food processing operations applied to land, refining residues). This means that both waste disposed to landfill and waste diverted/recovered are likely to be underestimated.

There is an increasing level of interest in rural waste across New Zealand. As the rural sector considers the implications of current waste management approaches it is likely that increasing quantities of materials from farming activities will enter the Council system.

2.1.2 Collection and drop-off system performance

The Whangarei District Council Resident Satisfaction Survey (May 2016) suggests 90 % participation rate for recycling collection and 85-90 % participation in the kerbside refuse collection. Average bag weight (from the waste composition survey) is around 6 kg.

Market share is difficult to estimate without detailed surveys of the refuse collection service and data for private sector collections. If it is assumed households put out an average weight bag every week, the collected waste tonnage suggests the market share is closer to around 75 % of households. If the average weight of a wheelie bin is also taking into account, Council market share by tonnage could be more like 45 to 50 %.

The available composition data suggests there are opportunities to capture additional recyclable material through the transfer stations and kerbside collections, including:

- While **paper/cardboard** recovery is reasonable it should be possible to increase the capture of paper and cardboard at both kerbside and transfer stations.
- **Plastic** recovery is low, again it should be possible to increase the capture of materials at both kerbside and transfer stations.
- Although **organic** waste recovery is underestimated as there are no figures for material captured by commercial composters, there is a significant amount of material that could be targeted.
- **Metals** recovery is underestimated, however further detail is required to determine how much could be diverted.
- **Glass** recovery is estimated at almost 70%.
- The historic (2008) and generic composition figures suggest there could be a significant amount of **timber** available for recovery in the general waste stream.

Recovery via transfer stations is around 44 %, largely at ReSort. Care needs to be taken in comparing the diversion rate with other reported recovery percentages around New Zealand. In some areas where community based recycling centres have been established (Far North District, Waiuku) recovery percentage is reported after exclusion of domestic and commercial refuse. If measured on this basis the recovery percentage at ReSort would be 72%. Whangarei District's preferred approach is to consider all waste streams entering the site.

There are other materials present in the waste stream that require careful management to avoid negative impacts, including:

- Hazardous waste (chemicals, e-waste, used oil, asbestos)
- Difficult or special waste (tyres, bulk waste, dead animals)
- General waste (household and commercial waste)

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Waste from certain sources can also present challenges or opportunities and is worthy of consideration. Examples include:

- **Rural waste** - waste from the business of farming including agricultural plastics (wrap and chemical containers), unwanted chemicals, timber and machinery (including maintenance related waste like used oil).
- Waste from **major processing sites** - examples include waste treatment residuals (for example sludge), packaging (pallet wrap, broken pallets) and containers (cleaners, ingredients, maintenance products).

2.2 Infrastructure and services

2.2.1 Collection

Residential collection

Northland Waste Limited (NWL) provide bag based refuse and crate based recycling collection throughout the District on behalf of Council. NWL and Waste Management NZ Limited (WMNZ) offer wheelie bin collection services for households on a commercial basis.



Kerbside collection of refuse in bags and recycling in crates (sorted at the roadside) is available in urban and rural areas in the District⁵. Alternatively, the public may take household refuse and recycling to the transfer stations across the district.

Collection frequency is generally weekly although commercial services are offered on a fortnightly or monthly basis. Garden waste collections are available on a commercial basis.

Commercial or industrial waste

Waste (both refuse and recycling) from commercial and industrial premises in Whangarei District is currently collected and disposed of via ReSort, direct to market or directly to Puwera Landfill or other landfills. Where material is disposed of at Puwera Landfill total figures are available. Materials collected for recycling, treatment or disposal out of the District, no data is available. Many national business with a local presence have comprehensive waste management and recycling systems in place, for example Countdown operates a waste management system where some material is recovered and recycled (paper and cardboard), organic material (food waste) is diverted to animal feed with only residual waste disposed of at local Landfill. Foodstuffs (New World and PAK'nSAVE), the Warehouse and Fonterra all operate similar systems.

A food rescue service is currently being set up in Whangarei. The service will divert food from landfill to those in need.

Litter and illegal dumping

Litter bins are provided in the urban centres and popular visitors spots throughout the District. Litter bin collection is undertaken by a contractor with their scope currently including:

- Litter bin emptying.
- CBD cleaning and custodial duties (incl. cleaning, sweeping etc).
- Cleaning up after fly tipping.
- Twice weekly servicing during peak holiday periods.

⁵ About 5% of residents have to take bags/recycling to collection points.

Illegal dumping does occur and costs the Council around \$9,000 per month. Where fines are imposed around \$2,400 per month is collected. Records indicate around 75 % of illegal dumping occurs in city locations however, 63 % of Council’s costs are incurred addressing dumping in rural and coastal settlement areas. The same data suggests illegal dumping is static when population increase is taken into account.

2.2.2 Waste transfer, processing and disposal

Transfer stations, where waste can be dropped off by the public, are located at Hikurangi, Tauraroa, Uretiti, Kokopu, Ngunguru, Ruatangata, Oakura and Parua Bay. The transfer stations are operated under contract to Council. The sites provide refuse and recycling facilities for public usage. At the Whangarei facility (ReSort, see below) a small number of items, typically inorganic items that could be reused, are manually removed from the waste stream by transfer station staff for recycle or sale.

No weighbridge is currently installed at any of the Council owned sites. Material is weighed as it enters ReSort or Puwera Landfill from each transfer station. Council pays for disposal on that basis.

The Whangarei District waste management system and estimated quantities for 2015/16 are presented in Figure 2. Facility details are provided on the following pages. Figure 2 is a screen shot from a model of the Whangarei waste management system developed for the Waste Assessment used to inform this Plan.

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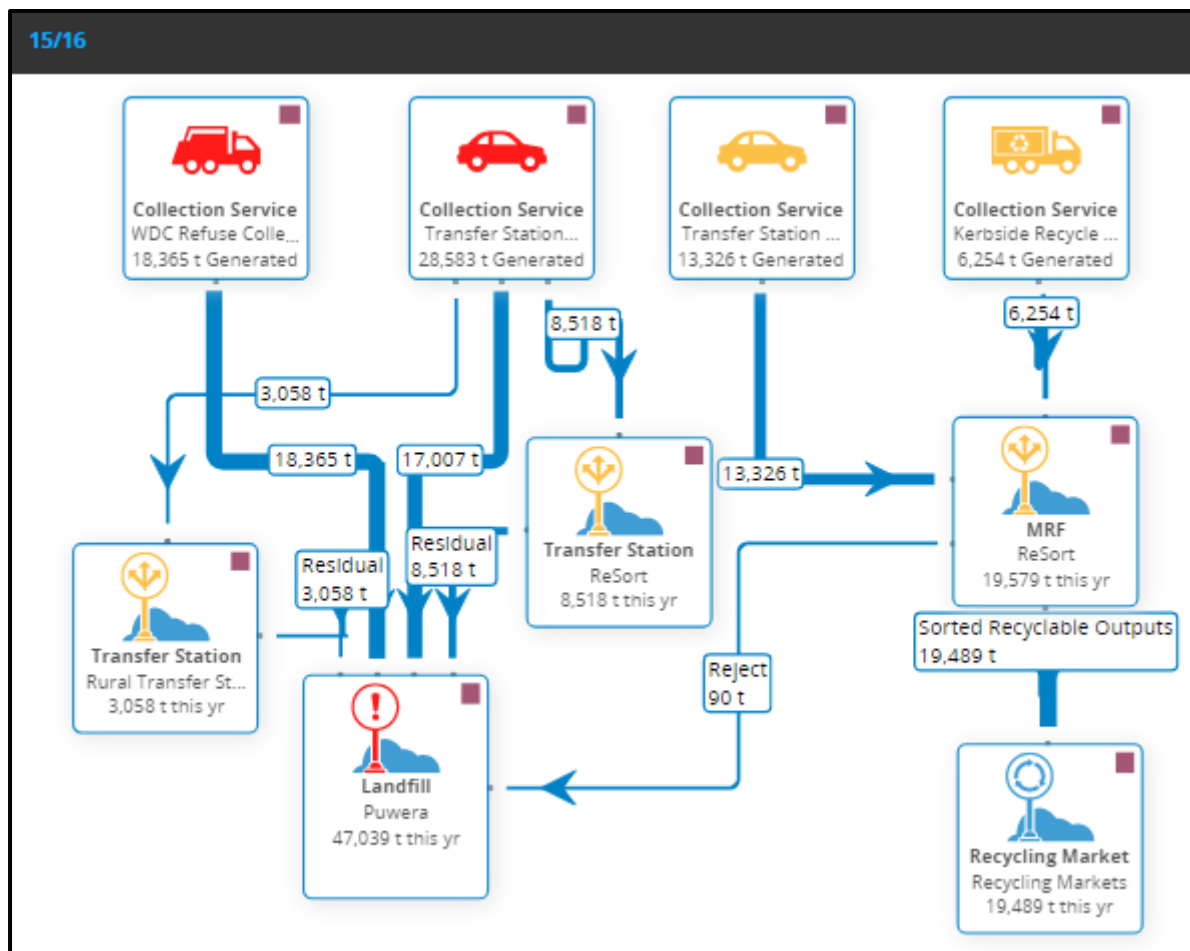


Figure 2: Waste Flow Diagram - Collection, Processing and Disposal (2015/16 figures)

Rural transfer stations

The five larger rural transfer stations have jumbo bins (one for scrap metal, two for refuse). There are no greenwaste bins at three of them. Hikurangi and Uretiti have on site green waste disposal. The smaller three sites are used largely for refuse bags and recycling. Two of the coastal stations have mini bins.

ReSort

Whangarei's resource recovery park, ReSort, is located at 201 Kioreroa Road, Whangarei. ReSort is set up to recover materials from the waste stream with a reuse shop and targeting scrap and waste wood (viable markets). The site is owned and operated by a joint venture company, Northland Regional Landfill Limited Partnership (NRLLP). NRLLP is a 50/50 joint venture between the Council and NWL. The partnership also owns Puwera Landfill.



Figure 3: ReSort Resource Recovery Park⁶

Other Processing

Composting

Kerigreen - green waste separated at ReSort is processed by Kerigreen, a green waste processor based in Kerikeri.

Avoca - Composting takes place at Avoca's Rarewa site near Whangarei, where a variety of waste products, including paunch, chicken manure, wood shavings and coal ash, are processed to create compost. Avoca's supply compost in bulk (for pasture or horticultural crops) or in smaller volumes for domestic or landscaping use.

Greenfingers - Pine bark is processed in a number of ways including composting to produce growing media and other gardening products by Greenfingers at their in Kamo site.

Energy

Rosval Sawmill, Carter Holt Harvey (CHH) Marsden Point and Golden Bay Cement are examples of the use of wood waste for energy production. Rosval and CHH use wood waste from their own operations while Golden Bay Cement are using urban wood waste including some from Auckland.

Marsden Point Refinery - uses some residuals from the oil refining process for energy.

⁶ Screenshot from <http://www.wdc.govt.nz/WaterandWaste/Rubbish/Pages/RubbishDisposal.aspx>

2.2.3 Costs for waste management

Council funding

The 2015-25 Long Term Plan sets the budget for the waste management activity with provision to make amendments if required through the Annual Plan process. Funding for operations is through targeted rates and user charges. Funding for capital projects is from general rates. Expenditure is dominated by payments to contractors with finance costs and internal charges also featuring. This mix of funding and expenditure is projected in the Long Term Plan to continue to 2025.

Collection and transfer station services attract user charges. The user charges at rural transfer stations do not cover the full cost of providing the service with the shortfall covered from the targeted rate for waste management. The user charges for refuse collection (via bag and sticker sales) cover the full costs of providing the service.

This approach is consistent with the principles set out in the 2012 Waste Minimisation and Management Plan whereby Council costs for waste management services are, where possible, covered by the users of that service.

2.3 Summary of district-specific issues

2.3.1 Waste data - issues and constraints

While there is some information available about the quantity and composition of waste generated in the Whangarei District the data is incomplete. The available data needs to be interpreted considering that:

- There is a mix of volume based estimates and measured weights.
- The source of waste is not always clear.
- There is limited data on coverage, set out rate or participation rates for kerbside collection.
- The data on the quantity of waste collected or processed is not complete. For example, the following waste streams have not been quantified:
 - The quantity of waste composted by commercial composters.
 - The quantity of waste collected from commercial premises for recycling.
 - The quantity of waste generated on rural properties and processed or disposed on site.

There is a by-law in place (refer Section 3) that provides for collection of data including quantities of material collected, destination for disposal or processing and coverage, set out and participation rates. Implementation of the by-law in close consultation with collection and processing companies operating in the Whangarei District will improve the availability and quality of data available.

There is also potential to improve the reporting of waste materials handled by contractors on behalf of Council and by the joint venture (ReSort). Reporting on activity as part of contract obligations should include appropriately detailed reporting on waste source, quantity and destination.

2.3.2 Waste infrastructure - issues identified

In collating and considering information about the delivery of waste services in the Whangarei District, a number of issues were identified. These issues represent challenges in delivering effective services and achieving the aims of the NZ Waste Strategy - reducing environmental harm and maximising resource efficiency. In many cases the issues also present opportunities for Council, the community and/or the private sector to improve waste minimisation and management in the District. The issues identified include:

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- Illegal dumping of waste.
- Although there is a comprehensive rural transfer station network, it is costly to operate on a per resident and per tonne basis.
- Rural residents are offered a full roadside collection service (refuse and recycling) that is costly to operate on a per resident and per tonne basis.
- There is limited evidence of diversion activity focussed on commercial and construction waste streams which are a large proportion of material disposed of to landfill from the Whangarei District.
- Use of litter bins for general rubbish (including the Whananaki South Molok) by holiday makers.

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3 Policies, plans and regulation

3.1 Summary of guiding policies, plans and legislation that affect the WMMP

There is wide a range of statutory documents and associated policy that impacts on waste minimisation and management in the Whangarei District. These are summarised in Table 3 with further detail provided in the 2017 Waste Assessment (Appendix A).

Table 3 Selected relevant policy for waste in Whangarei District

Whangarei District	Northland Region	National
Whangarei Long Term Plan 2015-2025	Northland Regional Policy Statement	Waste Minimisation Act 2008
Whangarei Solid Waste Asset Management Plan	Northland Regional Air Quality Plan	Health Act 1956
Whangarei Solid Waste Management Bylaw 2013	Northland Regional Coastal Plan	Hazardous Substances and New Organisms Act 1996
Whangarei District Plan	Northland Regional Water and Soil Plan	Resource Management Act 1991
		Local Government Act 2002
		Climate Change Response Act 2002
		NZ Waste Strategy 2010
		NZ Emissions Trading Scheme

3.2 Statutory requirements

A WMMP must contain a summary of the council's objectives, policies and targets for waste management and minimisation. The plan should clearly communicate how the council will deliver on these objectives.

Section 43 of the WMA states that a WMMP must provide for:

- a *objectives and policies for achieving effective and efficient waste management and minimisation within the territorial authority's district*
- b *methods for achieving effective and efficient waste management and minimisation within the territorial authority's district, including -*
 - i *collection, recovery, recycling, treatment, and disposal services for the district to meet its current and future waste management and minimisation needs (whether provided by the territorial authority or otherwise); and*
 - ii *any waste management and minimisation facilities provided, or to be provided, by the territorial authority; and*
 - iii *any waste management and minimisation activities, including any educational or public awareness activities, provided, or to be provided, by the territorial authority*
- c *how implementing the plan is to be funded*
- d *if the territorial authority wishes to make grants or advances of money in accordance with section 47, the framework for doing so.*

A WMMP must have regard to the waste hierarchy, the New Zealand Waste Strategy, and a council's most recent waste assessment.

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4 Vision, goals, objectives and targets

4.1 Background

The preparation of the 2017 Waste Assessment included a review of the Vision - Goals Objectives framework set out in the previous 2011 Waste Minimisation and Management Plan. The relationship between Vision, Goals and Objectives is illustrated in Figure 4⁷ and defined in Table 4⁷.

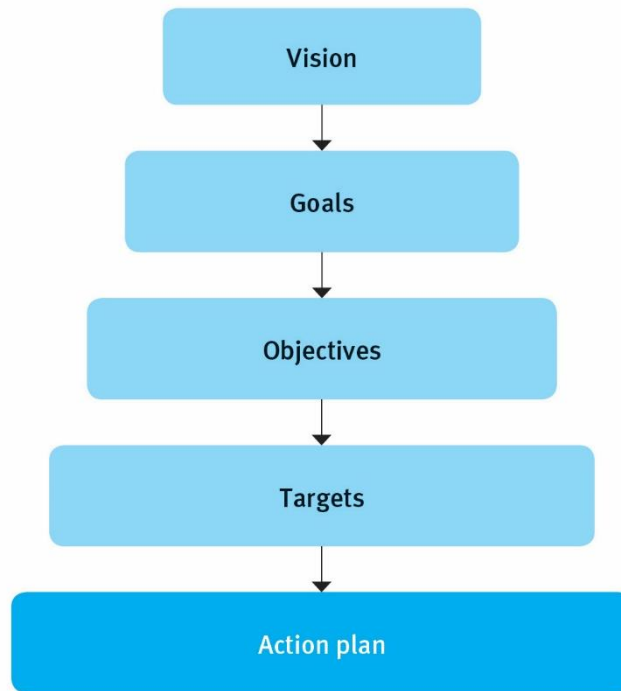


Figure 4: Vision, goals, objectives and targets

Table 4 provides definitions for vision, goals, objectives and targets.

Table 4 Definitions for vision, goals, objectives and targets (adapted from MfE 2015)

Vision	Whangarei's aspirational outcome - providing an overall direction and focus.
Goal	What a Whangarei wants to achieve through the WMMP. The goal is not aspirational, it is achievable. It is a major step in achieving Council's vision for the WMMP.
Objective	The specific strategies and policies to support the achievement of the goals. Objectives are 'SMART' (specific, measurable, achievable, relevant and timely).
Target	A clear and measurable way to determine how well the council is achieving its goals. Targets should also be SMART.

⁷ Sourced from Waste Assessments and Waste Management and Minimisation Planning – A Guide for Territorial Authorities, MfE 2015.

4.2 Vision, goals, objectives and targets

The vision for waste minimisation and management in the Whangarei District is⁸:

To deliver community benefits and reduce waste. Whangarei businesses and households will be provided with efficient and effective waste minimisation and management services.

To deliver community benefits and work towards zero waste. Whangarei businesses and households will be provided with efficient and effective waste minimisation and management services that recognise waste as a valuable resource.

The goals for waste minimisation and management in the Whangarei District are to:

- 1 *Avoid and reduce waste where we can.*
- 2 *Manage waste responsibly - make it easy to recycle and safely dispose of the materials that can't be recycled.*
- 3 *Maximise community benefits - treat waste as a valuable resource, employment, multi-use facilities, cost effective services.*

The objectives for waste minimisation and management in the Whangarei District are:

- 1 *To avoid creating waste*
- 2 *To make it easy to recycle*
- 3 *To ensure households and businesses have access to safe disposal of residual waste*
- 4 *To create opportunities for Whangarei District - jobs, new products, more efficient businesses*
- 5 *To reduce illegal dumping*
- 6 *To improve community understanding of issues and opportunities for waste minimisation and management in the Whangarei District.*
- 7 *To have a wealthier, healthier District through waste reduction initiatives and behavioural change.*

Table 5 provides a summary of the vision, goals and objectives presented above and associated targets for waste minimisation and management in the Whangarei District.

NOTES FOR DISCUSSION WITH COUNCIL

- An alternative vision is offered bringing in aspirational reference to zero waste and recognising waste as a valuable resource.
- Goal three could be amended to explicitly recognise that waste is (or can be) a valuable resource
- Objective 1 is difficult to achieve at a local level but central government has policy tools available to influence consumer and business behaviour including product stewardship. There is a new action to commit Council to engaging in national policy debate with as a key mechanism in helping Council to contribute to achieving this Goal 1 and Objective 1.
- Targets (next page) for discussion. Balance is achieving reduction of waste vs private and ratepayer funds invested in doing so.

Target 1.1 With waste generation typically increasing holding at the current level would be a good outcome. Council has limited means to influence this measure with many of the potential policy tools requiring central government action (see discussion and new actions around engaging in national policy debate)

⁸ This vision has been developed in workshops with Whangarei District Council Councillors and staff.

Target 2.1 Kerbside recycling rate is related to service. Crate based service will achieve up to 30-35%, wheelie bin + crate (glass) will achieve up to 35-45%. Crate and wheelie bin based services are likely to be a similar cost, estimated at 2.2M per year, up from around 1.2 M for the current contract. Adding organic waste collection will increase total recycling at kerbside to 50-60% depending on materials collected. This is likely to cost an additional 1.5 - 2.5M per year. There is an action to investigate organic waste collection for the Whangarei District in detail.

Recycling at transfer stations over 50% relies on replicating and building on the current activity at ReSort across the rural transfer station network. This involves a focus on relatively 'easy' materials including metals, green waste and timber. There is an action to investigate sorting of construction and demolition (C&D) and commercial and industrial (C&I) waste.

- One option for realising local employment opportunities is to consider sorting of recyclable materials in Whangarei. This could include materials collected at kerbside and/or 'dry' materials from transfer stations. This is attractive from a broader economic activity and waste diversion perspective but is likely to require investment from Council to establish and potentially operate.
- Collection of bulky waste with associated recovery (probably focussed on reusable items, e-waste, metals and timber) is potentially another way to increase recovery. The design of a bulky waste solution should consider recovery, illegal dumping and interaction with household use of transfer stations. There is an action to investigate a bulky waste collection.

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Table 5 Vision - Goals - Objectives - Targets

Vision: To deliver community benefits and reduce waste. Whangarei businesses and households will be provided with efficient and effective waste minimisation and management services.		
Objective	Relevant Goal(s)	Target(s)
1. <i>To avoid creating waste</i>	1. Avoid and reduce waste where we can. 3. Maximise community benefits - employment, multi-use facilities, reuse of materials for economic benefit, cost effective services.	1.1 To maintain or reduce the total quantity of waste generated in Whangarei (refuse and recycling collected at kerbside, through transfer stations and direct to landfill) on a per capita basis. The current figure is <i>800 kg per person</i> . Waste generation < 800 kg per person each year
2. <i>To make it easy to recycle</i>	1. Avoid and reduce waste where we can. 2. Manage waste responsibly - make it easy to recycle and safely dispose of the materials that can't be recycled. 3. Maximise community benefits - employment, multi-use facilities, reuse of materials for economic benefit, cost effective services.	2.1 <i>Increase in the proportion of material captured for recycling at kerbside and transfer stations. The current figures are 25 % and 44 % respectively.</i> Kerbside recycling > 35 % by 2020 Recycling at Refuse Transfer stations > 50 % by 2020 2.2 <i>95 % of people are satisfied with their recycling service. 2015/16 (Currently 95 % satisfaction vs Annual Plan Target 85 %).</i> Residents satisfaction > 85 %
3. <i>To ensure households and businesses have access to safe disposal of residual waste</i>	2. Manage waste responsibly - make it easy to recycle and safely dispose of the materials that can't be recycled. 3. Maximise community benefits - employment, multi-use facilities, reuse of materials for economic benefit, cost effective services.	3.1 <i>Satisfaction with kerbside refuse and transfer station services. Currently 95 % satisfaction vs Annual Plan Target 85 %.</i> Residents satisfaction > 85 %

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Vision: To deliver community benefits and reduce waste. Whangarei businesses and households will be provided with efficient and effective waste minimisation and management services.		
Objective	Relevant Goal(s)	Target(s)
4. <i>To create opportunities for Whangarei District - jobs, new products, more efficient businesses</i>	<ol style="list-style-type: none"> 1. Avoid and reduce waste where we can. 2. Manage waste responsibly - make it easy to recycle and safely dispose of the materials that can't be recycled. 3. Maximise community benefits - employment, multi-use facilities, reuse of materials for economic benefit, cost effective services. 	<p>4.1 To publish a summary of available data on waste generation and management with each annual report.</p> <p>Summary data published in Annual Report</p> <p>To create a grant scheme to support new initiatives to reduce waste</p>
5. <i>To reduce illegal dumping</i>	<ol style="list-style-type: none"> 2. Manage waste responsibly - make it easy to recycle and safely dispose of the materials that can't be recycled. 	<p>5.1 Reduction in illegal dumping incidents and quantity of material illegally dumped in the Whangarei District.</p> <p>Quantity of illegally dumped waste < 2015/16 figure</p> <p>The number of illegal dumping incidents is < 2015/16 figure.</p> <p>5.2 Residents satisfaction with litter and illegal dumping. Currently 87 % satisfaction vs Annual Plan Target 75 %.</p> <p>Residents satisfaction > 75 %</p>
6. <i>To improve community understanding of issues and opportunities for waste management in the Whangarei District.</i>	<ol style="list-style-type: none"> 1. Avoid and reduce waste where we can. 2. Manage waste responsibly - make it easy to recycle and safely dispose of the materials that can't be recycled. 3. Maximise community benefits - employment, multi-use facilities, reuse of materials for economic benefit, cost effective services. 	<p>6.1 Schools programmes delivered by Council</p> <p>Five new school adopt Waste Wise Schools programme each year.</p> <p>6.2 Council (or contractors) promote waste minimisation at events in the District.</p> <p>Council promotes waste minimisation at > five events in the District each year.</p>

4.3 Council's intended role

Council will continue to adopt a largely user pays approach to delivery of waste transfer and disposal services in the District. Where there are services with a public good component, Council will provide funding in whole or in part. Examples include kerbside recycling, rural transfer stations, servicing of litter bins, cleaning up illegal dumping, and the management of historic closed landfills.

Council will continue to own and support the operation of some key infrastructure for waste minimisation and management in the District. This includes the rural transfer station network and Whangarei infrastructure (Puwera and ReSort) through the Northland Regional Landfill Limited Partnership.

Council will provide information on waste minimisation and management to the community and make staff available for education purposes. Council will also work closely with other promoters of effective waste minimisation and management including Northland Regional Council and the Waste Management Institute WasteMINZ Behaviour Change Sector Group.

Council recognises that many local waste management issues are more effectively managed through coordinated activity at a national level. Council will collaborate with local government organisations, non government organisations (NGO) and other key stakeholders to progress national activity on resource efficiency and waste management issues. This may include advocating for product stewardship schemes for challenging waste streams (e-waste, tyres, packaging, rural waste), highlighting the role of other national policy including application of the waste levy and regulation of waste management activity.

NOTES FOR DISCUSSION WITH COUNCIL

- Added to highlight the role of national policy and opportunity for Council to collaborate with like minded organisations to progress debate on policy and related activity at a national level.

4.4 Protecting public health

Waste, particularly putrescible and hazardous waste, has the potential to be detrimental to health. Therefore, a key objective of any waste minimisation and management system is to protect public health. The risk of public health impacts can be significantly reduced by avoiding, where possible, and carefully managing, where not, contact with waste. In practice this means:

- Containing waste effectively, including:
 - Providing appropriate containers at point of generation e.g. workspace, kitchen, etc.
 - Providing appropriate containers for storing waste prior to collection - these may be reusable (wheelie bins) or single use (rubbish bags).
 - Providing dedicated public drop of areas at transfer stations and landfills
 - Regular collection and disposal.
 - Suitable collection and transport vehicles.
 - Disposal at a well constructed and operated landfill including provision of appropriate barrier systems such as base liner and adequate daily, intermediate and final cover.
- Excluding as far as possible vermin⁹ that may spread waste or associated contaminants.

The measures proposed in the WMMP have been to developed with public health objectives at the forefront.

⁹ For example rodents, other stray animals, insects (flies, wasps).

5 Options for achieving effective and efficient waste management and minimisation

5.1 Introduction

Section 51 of the WMA requires that a Waste Assessment contain a statement of options available to meet the forecast demands of the district with an assessment of the suitability of each option.

This section summarises the identification and evaluation of options to meet the forecast demands of the district and to meet the goals set out in Section 2. The Detailed evaluation is set out in the Waste Assessment with preferred options incorporated into this WMMP as methods and featured in the Action Plan.

For the Whangarei District the total quantity of waste generated is forecast to increase over the life of this plan in line with population and economic activity. Infrastructure planning needs to take account of this growth.

The available data suggests that there is potential to increase the diversion of material from the current estimate of around 30 % across the waste management system. There are also ongoing issues with illegal dumping, challenges with obtaining robust data on waste and recycling activity and the potential for increasing quantities of materials entering the waste stream from rural properties. The focus of option identification and evaluation has been addressing these issues alongside meeting forecast demands.

5.2 Identifying options

There are a wide range of approaches to providing waste minimisation and management services and programmes that could be adopted in Whangarei. A useful way to consider options is the model set out in Figure 5.

Effective waste minimisation and management relies on a combination of infrastructure (including collection), education/information and regulation or policy, with the right data informing strategic and operational decision making.

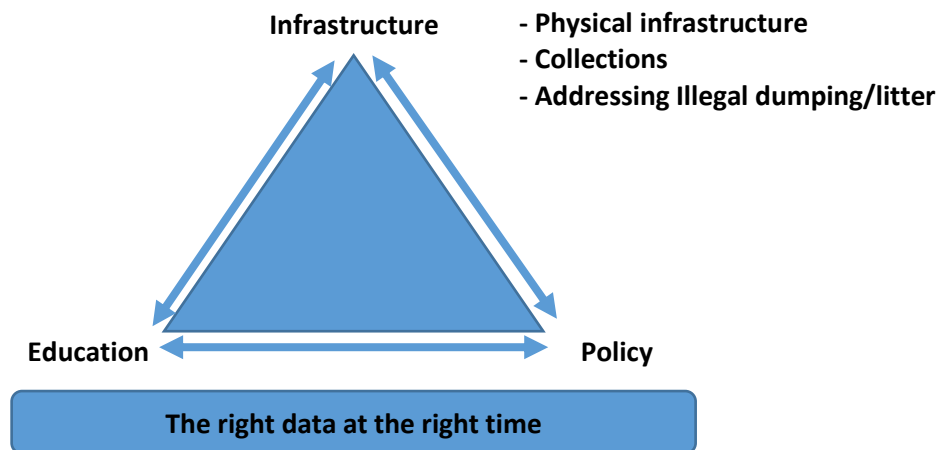


Figure 5: Effective Waste Minimisation and Management

For this waste assessment options have been identified by considering key challenges for waste minimisation and management in the Whangarei District (Refer Section 2.3), referencing approaches

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adopted elsewhere and looking for new solutions where appropriate. Options have also been considered with reference to the current recovery rates of key materials¹⁰ (see Section 0).

Based on the model set out in Figure 5 options considered can be grouped as follows.

Infrastructure

- Providing **collection** services - collection of waste, recyclable materials (at kerbside or transfer station), organic waste and/or bulky items, litter bins;
- Providing **physical infrastructure** - fixed location or mobile drop off facilities, waste sorting, waste processing and/or disposal facilities;
- **Managing the negative impacts of waste** - litter/illegal dumping clean-up, closed landfills

Education

- Changing behaviour - **education** programmes targeting schools, businesses and/or households;
- Information for households and businesses to ensure that the value of materials collected for recovery is maximised;
- Contributing to national education/information programmes

Policy

- Implementation of licensing provisions in the existing by-law (service level, litter, data provision);
- Data collection via licensing of waste operators (as above);
- Targeted data collection, for example waste surveys;
- Making information on waste issues and opportunities available;
- Grant co-funding for projects that deliver on the goals and objectives for waste minimisation and management;
- Collaborating with local government organisations, non government organisations (NGO) and other key stakeholders to progress national activity on waste minimisation and management policy.

These options focus on the priority waste streams identified through the review of the current situation in Section 2 and summarised in Table 6.

Table 6 Priority wastes and waste sources

Recyclable materials	Other materials requiring active management include:	Waste sources
• Paper/Cardboard	• Hazardous waste	• Rural waste
• Plastics	• Difficult or special waste	• Industrial processing
• Organic Waste	• General waste	
• Metals		
• Glass		
• Timber		

¹⁰ Key materials include paper/card, plastics, glass, organic waste, metals, glass and timber

5.3 Options for the future

A range of options have been considered. These include:

- **Collections** - a range of kerbside recycling services, bag and wheelie bin based refuse collection, kerbside collection of organic waste.
- **Transfer stations** - optimising rural transfer station network, sorting of commercial and construction waste.
- **Education** - continuing with the schools education and promoting existing services and waste reduction via Council communications channels (website, media releases).
- **Policy** - implementation of licensing under the existing waste by-law, providing for grant funding of waste minimisation activities, regular reporting on waste minimisation and management.

Based on the analysis and discussion presented in the Waste Assessment the following actions are proposed.

Infrastructure actions

- Progress procurement for a new refuse collection contract as a continuation of the existing service (user pays refuse bags) with a strong focus on managing health and safety. An 80 L wheelie bin based service may be considered in the future.
- Progress procurement for a new recycling collection contract with a focus on quality of materials collected, convenience and safety of collections staff and the general public. Separate glass collection and options for difficult collections will be considered as part of the procurement process.
- Progress procurement for a new rural transfer station operations contract with a focus on increasing the recovery of materials and maintaining a high level of service for rural communities.
- Complete detailed analysis of organic waste collection options including the status quo (private sector services), a food and garden waste collection and food waste only collection.
- Complete detailed analysis¹¹ of optimising services for bulky household waste including the role of ReSort, the rural transfer station network and potential bulky waste collections.
- Complete detailed analysis of sorting of C&I and/or C&D waste prior to disposal of residual material.
- Work with the community on options for litter bins with a focus on holiday areas where issues are currently occurring.

Education actions

- Continue to update and maintain information on waste and recycling collection and drop off services in the Whangarei District.
- Implement clear information and education to promote the effective use of recycling services.
- Disseminate information to all residents (including holiday makers/temporary residents)
- Maintaining school education programme
- Support Northland Regional Council environmental education activities for schools, homes and businesses.
- Provide information to the community about the negative impact of illegal dumping and alternatives available to the community (kerbside collection, commercial skip bins and transfer stations).

¹¹ Consider cost of service, diversion of materials, fairness/equity, safety and environmental protection (illegal dumping).

Policy Actions

- Develop criteria for making grants available from Council's allocation of Waste Levy funds. Provisionally criteria will be based on contribution to the Vision, Goals and Objectives for waste minimisation and management with consideration of co-funding. Applications for funding should also be assessed for their ability to deliver the promised benefits i.e. due diligence on organisation capability, governance and accountability. Consideration also needs to be given to ensuring that funding supports new or expanded activities rather than supporting the status quo.
- Develop an implementation plan for the existing Solid Waste Management Bylaw 2013. This will focus on implementing licencing (Part 9) including reporting arrangements. With a relatively small number of collection providers operating in the District, Council is in a position to develop pragmatic but effective reporting requirements. This will require consultation with the collection providers prior to formally notifying the license regime. Council should target implementation of a licencing regime in 2017.
- Continue to report on progress against the targets in the WMMP in Annual Reports.
- Collaborate with local government organisations, non government organisations (NGO) and other key stakeholders to progress national activity on waste minimisation and management policy.

NOTES FOR DISCUSSION WITH COUNCIL

- Recycling collection amended to highlight focus on product quality, safety and capacity.
- Clear action added around rural transfer station operations with a focus on materials recovery and level of service for rural communities.
- Education to support effective recycling service added.
- Education to highlight impact of illegal dumping, alternatives and invite reporting of offenders.
- Clarified grant funding to explicitly avoid funding existing activities or replicating existing initiatives.
- Action added to pick up the Product Stewardship Council suggestion that Council explicitly commit to supporting debate on waste issues at a national level. This and the earlier discussion could identify issues of concern to Council but it may be more flexible to commit to engaging in the national debate with Council able to change (add to or change relative priority) areas of focus over time within the scope of the proposed action.
- Action added to reflect current Council activity on illegal dumping enforcement.

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6 Funding the plan

6.1 Plan implementation funding

The funding of the implementation of this WMMP will come from user charges, rate payer funds and levy payments returned to the Council.

User charges will fund kerbside refuse collection and the disposal or management of materials at Transfer Stations.

Ratepayer funds will provide public good focussed services. Examples include roadside recycling collection, supporting transfer station operations where user charges are not adequate to cover the full cost of operation, illegal dumping clean-ups, litter bin servicing, licensing implementation, education activities and reporting on plan implementation.

Levy payments direct to Council will fund waste education and kerbside recycling (in part) i.e. activities that promote or achieve the Goals and Objectives of this Plan. Council may also elect to apply to the Waste Minimisation Fund to fund specific projects.

Details of funding sources, quantities and allocation can be found in Council's Long Term Plan and Annual Plan updates to the Long Term Plan.

6.2 Grants and advances of monies

As part of the implementation of the WMMP, Council will develop criteria for making grants available from its allocation of Waste Levy funds. The amount of money available for grants will be determined as part of the Annual Plan process.

Criteria will be based on the funded activities contribution to promoting and achieving the vision, goals and objectives for waste minimisation and management. Activities with co-funding will be preferred with Council expecting 50 % or more contribution from partners other than Council.

Applications for funding will also be assessed for their ability to deliver the promised benefits. Specific areas for assessment will include organisation capability to deliver the project, governance arrangements, accountability and track record in delivering similar projects. Consideration will also be given to ensuring that funding supports new or expanded activities rather than supporting the status quo.

6.3 Waste minimisation levy expenditure

Waste minimisation levy funds returned to Council fully fund current waste education activity and contribute to the costs of the roadside recycling service.

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7 Monitoring, evaluating and reporting progress

This WMMP will only have an impact in the Whangarei District if appropriate action is taken to achieve the Vision - Goals - Objectives. The Targets (Section 4.2, Table 5) provide the mechanism for a high level measure of progress. Monitoring will focus on gathering data to evaluate and report on progress against these targets.

7.1 Monitoring and evaluation

The assessment of the current situation has highlighted gaps in waste generation, collection, processing and management information for the Whangarei District. In some area information exists but is not available to Council¹², while in others, data is not currently available¹³.

Progress in achieving the Vision - Goals - Objectives of this Plan will be monitored by reviewing the data outlined in Table 7.

Table 7 Data source and description

Data Source	Information	Comment
Council contractors	Illegal dumping, Litter (bins, clean-up) Roadside refuse Roadside recycling Transfer station refuse Transfer station recycling/recover	Contract reporting
Northland Regional Landfill Limited Partnership	ReSort refuse ReSort recycling and recovery	Partnership reporting
Other collectors	Kerbside/business refuse	By-law data requirements
Waste processor	Materials processed	By-law data requirements
Council contact database	Illegal dumping incidents	
Customer surveys	Residents satisfaction	
Council Activity Reporting (Annual Report)	By-law implementation (licensing) Data summary	
Targeted data collection	Solid Waste Analysis Protocol Surveys (waste composition) Kerbside collection surveys (participation, set out rates) Recycling contamination survey	Contract requirement or targeted survey

Some of the activities in the Action Plan are focussed on securing the information noted in Table 7. For example introducing licensing (based on the existing by-law) and improving reporting under existing and future Council contracts.

Evaluation of the data collected will focus on measuring progress against the targets set out in Section 4.2, Table 5. The periodic review of the Action Plan (see Section 8 of the Action Plan) will consider how effective the actions underway or completed have been in achieving the Vision - Goals - Objectives of this Plan.

¹² For example regarding private sector collection services.

¹³ For example regarding the number of households participating in the kerbside recycling collection service.

7.2 Reporting

Progress on implementing this Plan will be reporting in the Council's Annual Report. Reporting will note current performance against the targets based on available information. In the early stages implementation of the Plan it is likely that there will be significant gaps in the available data limited Council's ability to quantify progress.

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Part B – Action Plan

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8 Introduction

This Action Plan sets out the programme of action for achieving the Vision - Goals - Objectives and targets of the WMMP, as described in Part A – Strategy (Section 4). Some Section from Part A are repeated here to allow the Action Plan to stand alone if required.

This Action Plan covers the full life (six years) of the WMMP however it provides more detail for years one and two. The Action plan sets out actions with operational and financial implications for Council.

Consistent with Council’s operational planning obligations under the Local Government Act 2002, activities set out in this Action Plan will need to be reflected in the relevant Long Term Plan and Annual Plan¹⁴. This means the WMMP should be reviewed as part of the annual planning process (with a focus on 12-18 months of future activity) and Long Term Planning process (with a focus on a 3-5 year horizon).

The operational planning and funding implications of the activities set out in this Action Plan are noted in the Action Planning tables.

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¹⁴ Currently 2015-2025 Long Term Plan and 2016/17 Annual Plan

9 Funding structure [see also Part A, section 6]

9.1 Plan implementation funding

The funding of the implementation of this WMMP will come from user charges, rate payer funds and levy payments returned to the Council.

User charges will fund kerbside refuse collection and the disposal or management of materials at Transfer Stations.

Ratepayer funds will provide public good focussed services. Examples include roadside recycling collection, supporting transfer station operations where user charges are not adequate to cover the full cost of operation, illegal dumping clean-ups, litter bin servicing, licensing implementation, education activities and reporting on plan implementation.

Levy payments direct to Council will fund waste education and kerbside recycling (in part) i.e. activities that promote or achieve the Goals and Objectives of this Plan. Council may also elect to apply to the Waste Minimisation Fund to fund specific projects.

Details of funding sources, quantities and allocation can be found in Council's Long Term Plan and Annual Plan updates to the Long Term Plan.

9.2 Grants and advances of monies

As part of the implementation of the WMMP, Council will develop criteria for making grants available from its allocation of Waste Levy funds. The amount of money available for grants will be determined as part of the Annual Plan process.

Criteria will be based on the funded activities contribution to promoting and achieving the vision, goals and objectives for waste minimisation and management. Activities with co-funding will be preferred with Council expecting 50 % or more contribution from partners other than Council.

Applications for funding will also be assessed for their ability to deliver the promised benefits. Specific areas for assessment will include organisation capability to deliver the project, governance arrangements, accountability and track record in delivering similar projects. Consideration will also be given to ensuring that funding supports new or expanded activities rather than supporting the status quo.

9.3 Waste minimisation levy expenditure

Waste minimisation levy funds returned to Council fully fund current waste education activity and contribute to the costs of the roadside recycling service.

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10 Targets and measurement

The Targets set out in Section 4.2, Table 5 of Part A of this Plan provide the mechanism for a high level measure of progress. Monitoring will focus on gathering data to evaluate and report on progress against these targets, inform refinement of existing actions and development of future actions.

Progress in achieving the Vision - Goals - Objectives of this Plan will be monitored by reviewing the data outlined in Table 8 (repeating Table 7 from Section 7).

Table 8 Data source and description

Data Source	Information	Comment
Council contractors	Illegal dumping Litter (bins, clean-up) Roadside refuse Roadside recycling Transfer station refuse Transfer station recycling/recover	Contract reporting
Northland Regional Landfill Limited Partnership	ReSort refuse ReSort recycling and recovery	Partnership reporting
Other collectors	Kerbside/business refuse	By-law data requirements
Waste processor	Materials processed	By-law data requirements
Council contact database	Illegal dumping incidents	
Customer surveys	Residents satisfaction	
Council activity reporting (Annual Report)	By-law implementation (licensing) Data summary	
Targeted data collection	Solid Waste Analysis Protocol Surveys (waste composition) Kerbside collection surveys (participation, set out rates) Recycling contamination survey	Contract requirement or targeted survey

Some of the activities in this Action Plan are focussed on securing the information noted in Table 8. For example introducing licensing (based on the existing by-law) and improving reporting under existing and future council contracts.

Periodic review of the Action Plan (see Section 8 of the Action Plan) will consider how effective the actions underway or completed have been in achieving the Vision - Goals - Objectives of this Plan. Table 9 links Targets to measures noted in Table 8. Table 10 provides definitions for key measures.

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Table 9 Measuring progress against targets

Target	Measure
1.1 To reduce the total quantity of waste generated (refuse and recycling collected at kerbside, through transfer stations and direct to landfill) on a per capita basis	Tonnes of waste generated per capita
2.1 Increase in the proportion of material captured for recycling at kerbside and transfer stations	Tonnes of waste recycled per year / tonnes of waste and recycling collected
2.2 Satisfaction with kerbside and transfer station recycling services	Residents satisfaction survey results
3.1 Satisfaction with kerbside and transfer station refuse services	Residents satisfaction survey results
4.1 To publish a summary of available data on waste generation and management with each annual report	Summary reporting on WMMP in Annual Report
5.1 Reduction in illegal dumping incidents and quantity of material illegally dumped in the Whangarei District	Number of incidents and quantity of illegally dumped material
5.2 Satisfaction with litter and illegal dumping service	Residents satisfaction survey results
6.1 5 new schools adopt Waste Wise Schools each year	Waste education contract reporting
6.2 WDC promote waste minimisation at events within the District	Waste education contract reporting

Table 10: Measure definitions

Measure	Definition
Tonnes of waste per capita	Total quantity of waste disposed of to landfill, recovered and recycled (from contract and by-law reporting) divided by Whangarei's usually Resident Population (Statistics New Zealand)
Tonnes of waste recycled per year	Total quantity of waste recycled or recovered (from contract and by-law reporting) divided by Whangarei's usually Resident Population
Residents satisfaction	[Measure as defined in LTP 2015-2025]
Tonnes of illegal dumped material	Total quantity of illegally dumped material collected by Whangarei District contractors per year.

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11 Action plan

The Action Plan, as set out in the following pages, has been developed to assist the Council and community to work towards achieving the Vision - Goals - Objectives set out in the WMMP. Where actions have operational or financial implications they need to be confirmed in the Council's core planning documents - the Long Term Plan and Annual Plan.

The WA recommended the following options be included in an Action Plan:

Infrastructure actions

- Progress procurement for a new refuse collection contract as a continuation of the existing service (user pays refuse bags). An 80L wheelie bin based service may be considered in the future.
- Progress procurement for a new recycling collection contract with a focus on quality of materials collected, convenience and safety of collections staff and the general public. Separate glass collection and options for difficult collections will be considered as part of the procurement process.
- Progress procurement for a new rural transfer station operations contract with a focus on increasing the recovery of materials and maintaining a high level of service for rural communities.
- Complete detailed analysis of organic waste collection options including the status quo (private sector services), a food and garden waste collection and food waste only collection.
- Complete detailed analysis¹⁵ of optimising services for bulky household waste including the role of ReSort, the rural transfer station network and potential bulky waste collections.
- Complete detailed analysis of sorting of C&I and/or C&D waste prior to disposal of residual material.
- Work with the community on options for litter bins with a focus on holiday areas where issues are currently occurring.

Education actions

- Continue to update and maintain information on waste and recycling collection and drop off services in the Whangarei District.
- Implement clear information and education to promote the effective use of recycling services.
- Disseminate information to all residents (including holiday makers/temporary residents) including national programmes like Love Food Hate Waste.
- Maintaining school education programme.
- Support Northland Regional Council environmental education activities for schools, homes and businesses.
- Provide information to the community about the negative impact of illegal dumping and alternatives available to the community (kerbside collection, commercial skip bins and transfer stations).

Policy actions

- Develop criteria for making grants available from Council's allocation of Waste Levy funds. Provisionally criteria will be based on contribution to the Vision, Goals and Objectives for waste minimisation and management with consideration of co-funding. Applications for funding should also be assessed for their ability to deliver the promised benefits i.e. due diligence on organisation

¹⁵ Consider cost of service, diversion of materials, fairness/equity, safety and protection of the environment (illegal dumping).

capability, governance and accountability. Consideration also needs to be given to ensuring that funding supports new or expanded activities rather than supporting the status quo.

- Develop an implementation plan for the existing Solid Waste Management Bylaw 2013. This will focus on implementing licensing (Part 9) including reporting arrangements. With a relatively small number of collection providers operating in the District, Council is in a position to develop pragmatic but effective reporting requirements. This will require consultation with the collection providers prior to formally notifying the license regime. Council should target implementation of a licencing regime in 2017.
- Continue to report on progress against the targets in the WMMP in Annual Reports.
- Collaborate with local government organisations, non government organisations (NGO) and other key stakeholders to progress national activity on waste minimisation and management policy.
- Continue to actively address illegal dumping activity including where possible identifying perpetrators and if required undertaking clean-up activity.

NOTES FOR DISCUSSION WITH COUNCIL

- Recycling collection amended to highlight focus on product quality, safety and capacity.
- Clear action added around rural transfer station operations with a focus on materials recovery and level of service for rural communities.
- Education to support effective recycling service added
- Education to highlight impact of illegal dumping, alternatives and invite reporting of offenders.
- Clarified grant funding to explicitly avoid funding existing activities or replicating existing initiatives.
- Action added to pick up the Product Stewardship Council suggestion that Council explicitly commit to supporting debate on waste issues at a national level. This and the earlier discussion could identify issues of concern to Council but it may be more flexible to commit to engaging in the national debate with Council able to change (add to or change relative priority) areas of focus over time within the scope of the proposed action.
- Action added to reflect current Council activity on illegal dumping enforcement.

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11.1 Action planning tables

Table 11 Infrastructure Actions

Action	Timeline	Funding	Objective(s)	Target(s)
a. Procure a roadside refuse collection contract based on the current contract (user pays refuse bag collection).	December 2017	User charges (existing)	3	3.1
b. Procure a roadside recycling collection contract with a focus on increasing capacity, materials quality and health and safety performance.	December 2017	Targeted rate (existing)	2, 4	2.1, 2.2, 4.1
c. Procure a rural refuse transfer station operations contract with a focus on Progress procurement for a new rural transfer station operations contract with a focus on increasing the recovery of materials and maintaining a high level of service for rural communities.	December 2017	User charges (existing) Targeted rate (existing)	2, 3, 4, 5	2.1, 3.1, 5.1, 5.2
d. Promote existing organic waste reduction and diversion services Green waste composting (Keri Green, ReSort, Transfer Stations, Avoco, Greenfingers) Food waste (Food Rescue)	Ongoing	Rates (existing)	2, 4	1.1, 2.1
e. Promote waste reduction Reusable packaging Food waste reduction (Love Food, Hate Waste)	Ongoing	Rates (existing)	1, 4	1.1
f. Complete detailed analysis of organic waste collection options including the status quo (private sector services), a food and garden waste collection and food waste only collection.	July 2019	Rates (new)	2	2.1
g. Complete detailed analysis of optimising services for bulky household waste including the role of ReSort, the rural transfer station network and potential bulky waste collections.	July 2018	Rates (new)	3, 5	3.1, 5.1
h. Complete detailed analysis of sorting of C&I and/or C&D waste prior to disposal of residual material.	July 2020	Rates (new)	2, 4	2.1, 4.1
i. Work with the community on options for litter bins with a focus on holiday areas where issues are currently occurring.	July 2018	Rates (new)	3, 5	3.1, 5.1, 5.2

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Table 12 Education Actions

Action	Timeline	Funding	Objective(s)	Target(s)
j. Continue to update and maintain information on waste and recycling collection and drop off services in the Whangarei District.	Ongoing	Rates (existing)	1, 2, 3, 6	4.1
k. Implement clear information and education to promote the effective use of recycling services.	As part of new contract roll-out and then ongoing	Rates (existing)	2	2.1, 2.2
l. Disseminate information to all residents (including holiday makers/temporary residents) on waste minimisation and management including available services.	December 2017 and ongoing	Rates (existing)	1, 2, 3, 5, 6	
m. Maintaining school education programme, support Northland Regional Council environmental education activities for schools, homes and businesses.	Ongoing	Rates (existing)	6	6.1, 6.2
n. Provide information to the community about the negative impact of illegal dumping and alternatives available to the community (kerbside collection, commercial skip bins and transfer stations).	Ongoing	Rates (existing)	5, 6.1	5.1, 5.2

Table 13 Policy Actions

Action	Timeline	Funding	Objective(s)	Target(s)
o. Develop criteria for making grants available from Council's allocation of Waste Levy funds. Provisionally criteria will be based on contribution to the Vision, Goals and Objectives for waste minimisation and management with consideration of co-funding. Applications for funding should also be assessed for their ability to deliver the promised benefits i.e. due diligence on organisation capability, governance and accountability.	July 2018	Rates or Waste Levy funds (new)	1, 2, 4	1.1, 2.1
p. Develop an implementation plan for the existing solid waste provisions in the District Bylaw (Part 4). This will focus on implementing licensing (Part 4, Section 419) including reporting arrangements. With a small number of collection providers operating in the District Council is in a position to develop pragmatic but effective reporting requirements. This will require consultation with the collection providers prior to formally notifying the license regime. The target implementation for the licencing regime is by July 2018.	July 2018	Rates (new)	3, 4, 5	4.1
q. Continue to report on progress against the targets in the WMMP in Annual	Annually	Rates (existing)	4, 6	4.1

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Action	Timeline	Funding	Objective(s)	Target(s)
Reports.				
r. Collaborate with local government organisations, non government organisations (NGO) and other key stakeholders to progress national activity on waste minimisation and management policy.	Ongoing	Rates (existing)	1, 2, 3, 6	1.1
s. Continue to actively address illegal dumping activity including where possible identifying perpetrators and if required undertaking clean-up activity.	Ongoing	Rates (existing)	5	5.1

NOTES FOR DISCUSSION WITH COUNCIL

- Action b discussion in the body of the document has been amended to emphasise likely separate glass collection. H&S considerations mean it is unlikely to be feasible to continue with the current crate based kerbside sort. Procurement can target local sorting of co-mingled materials (paper, card, plastic, cans) provide employment. Any new contract will include key performance criteria related to contamination rates with the contractor incentivised to maximise the value of recyclables collected. Typical tools including random recycling bin audits, CCTV monitoring of bins as they are emptied and potential to remove recycling services for persistent offenders.
- Action c is within current Council activity i.e. replacing a current contract
- Action k is part of implementing a new service
- Action n is one aspect of increased emphasis on illegal dumping - information for those who don't understand alternatives and those who may be in apposition to report illegal dumping incidents.
- Action r picks up on the Product Stewardship Council suggestion that Council explicitly commit to supporting debate on waste issues at a national level. This and the earlier discussion could identify issues of concern to Council but it may be more flexible to commit to engaging in the national debate with Council able to change (add to or change relative priority) areas of focus over time within the scope of the proposed action.
- Action s reflects current Council activity on illegal dumping enforcement and links to Action n.

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Table 14 Timeline

2017/2018	2018/19	2019/20	2020/21	2021/22	2022/23
Infrastructure Services Contracts Refuse Collection Kerbside Recycling Rural Transfer Stations Investigations Complete study on bulky waste collection or drop-off. Identify and select options for managing visitor (holiday areas) waste	<i>Implement bulky waste study recommendations.</i> Complete study on organic waste collection options.	<i>Implement organic waste study recommendations</i> Complete detailed study on sorting of 'dry' C&D and C&I waste.	<i>Implement C&D and C&I waste sorting study recommendations.</i>		
Education / Information Green waste and food waste services Council services For holidaymakers Schools Illegal dumping	Green waste and food waste services Council services For holidaymakers Schools Illegal dumping	Green waste and food waste services Council services For holidaymakers Schools Illegal dumping	Green waste and food waste services Council services For holidaymakers Schools Illegal dumping	Green waste and food waste services Council services For holidaymakers Schools Illegal dumping	Green waste and food waste services Council services For holidaymakers Schools Illegal dumping
Policy Develop grant funding criteria Detailed by-law implementation plan	Grant funding round By-law licensing, data compilation /reporting Report on progress in 2016/17 Annual Report.	Grant funding round By-law licensing, data compilation /reporting Report on progress in 2017/18 Annual Report.	Grant funding round By-law licensing, data compilation /reporting Report on progress in 2018/19 Annual Report.	Grant funding round By-law licensing, data compilation /reporting Report on progress in 2019/20 Annual Report.	Grant funding round By-law licensing, data compilation /reporting Report on progress in 2020/21 Annual Report.

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2017/2018	2018/19	2019/20	2020/21	2021/22	2022/23
Collaborate with others national activity and policy. Illegal dumping investigation and enforcement activity	Collaborate with others national activity and policy. Illegal dumping investigation and enforcement activity	Collaborate with others national activity and policy. Illegal dumping investigation and enforcement activity	Collaborate with others national activity and policy. Illegal dumping investigation and enforcement activity	Collaborate with others national activity and policy. Illegal dumping investigation and enforcement activity	Collaborate with others national activity and policy. Illegal dumping investigation and enforcement activity

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12 Applicability

This report has been prepared for the exclusive use of our client Whangarei District Council, with respect to the particular brief given to us and it may not be relied upon in other contexts or for any other purpose, or by any person other than our client, without our prior written agreement.

Tonkin & Taylor Ltd

Report prepared by:

Authorised for Tonkin & Taylor Ltd by:

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Chris Purchas
Senior Consultant

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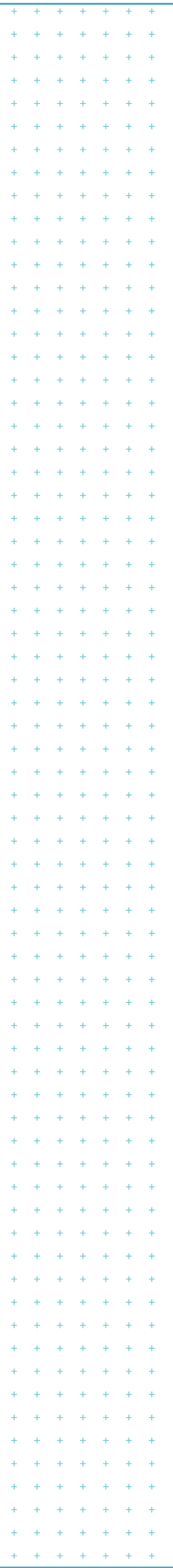
Simonne Eldridge
Project Director

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Appendix A: Whangarei Waste Assessment (2017)

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- Find and promote re-use businesses and markets in Whangarei and explore business opportunities Whangarei to reduce how much waste is thrown away
- Introduce soft plastics recycling – these kinds of plastics are sent to Australia and re-processed into things like bench tops
 - it is currently done in Auckland
 - put pressure on supermarkets to do it
 - confirm if there is a soft plastics recycle bin at Re:Sort
 - pressure the packaging industry
 - pressure New World
- Aim for zero waste.
 - That's the world view.
 - Auckland has an 80% reduction target
 - Think more about waste cycles,
 - aim to put the waste back into the cycle of use system rather than just hiding it
 - be more aspirational in the WMMP
- Think about waste management as an investment in the future, not a cost to minimise today
- Lobby central government around product stewardship
- Introduce container deposit legislation
- Put an incentive on to reduce waste
- Look at the conflict of interest of wanting to minimise waste, but also running a landfill for profit and taking other people's waste
- Market waste reduction initiatives by making a real emotional connection
- Encourage laws around product stewardship, reduce packaging at the beginning rather than having to dispose of it at the end.
- Processing waste into useable products could create employment
- Look at a gas producing digester of food waste at the waste water treatment plant
- Don't introduce 240litre recycling bins – they prevent sorting which increases contamination and ruins recyclability.
- Keep kerbside recycling – it improves the recycle reusability. One option is to have a glass bin and recycle bin
- Education of commercial operators
- Hospitality industry would support food waste processes
- Would be prepared to pay for something better
- Some great things area happening in Whangarei, do the same with waste
- The usability of current kerbside recycled material is very good
- Develop a wood waste reuse system – reduce waste to landfill and generate income too
- Create job opportunities
- "Make money like the bee" example
- Recycle metal (IHC to raise funds)
- Introduce the ability for people to go to the recycling station before being weighed
- Separate/sort locally and add value to material
- Put pressure on manufacturers to take back their products once ready for disposal e.g. car seats
- Introduce safe disposal of batteries and other hazardous materials
- Systems for e waste
- Systems for nappies
- Put re-use options on Council website

- Bring in legislation for refunds on recyclables
- Promote public events to do with zero waste
- Create an award for keeping communities clean
- Support companies that bring in good rubbish initiatives
- Set up a reference group with members of the public to champion waste minimisation.
- Do more than just repeat the status quo
- Consider the effect of glass on the value of waste if co-mingled
- Employment opportunities in processing waste

Source	Topic	Subtopic	Feedback
Website Submission	Solid Waste	Recycling	Please expand recycling pickups for different items, including large or difficult items. This could help address the issue of illegal-dumping
			For a responsible council Zero waste is the only goal we should be aiming for and sooner rather than later. Support Ideal Services metal recycling collection initiatives. Stop wood waste going into Re Sort tip head and transfer stations and turn it into employment opportunities and funds for community projects as in making money like the Bee. Recycle 100% plastics, find markets even if they require subsidizing. Recycling is an investment into the future not an expense. Make something good happen with Rewarewa D and help them get a top class green waste recycling business off the ground next door to Re Sort. Crush & Grind glass into sand and sell it, don't throw it into the landfill. Make it easier to recycle E Waste otherwise we will drown in it. More education needed on home composting, have regular campaigns suburb by suburb. Recycle Dry Cell Batteries they are bad news in a landfill and worse with Lithium Iron Batteries. Aim High
Website Submission	Solid Waste	Recycling	Dumping of Legal Rubbish in Puhupuhi
Website Submission	Solid Waste	Recycling	Recycling bins during summer at Whangarei Falls
Website Submission	Solid Waste	Recycling	I think it too expensive at dump which is causing fly tipping, May be separate bins for recycling and another for greens maybe the latter 2 only collected fortnightly.
Website Submission	Solid Waste	Recycling	You do a great Job
			The utilisation of our waste for a range of products (compost, recycling, energy) instead of disposal can provide employment and new business. This needs leadership from Council and should be part of the strategy for Whangarei to be a sustainable city. Great progress has been made with cleaning up the harbour and this is an extension of that. Heading into a long term sustainable city can have a marketing position around why people Love it here. Waste can be turned into a positive and not a negative if we have zero organic waste to landfill, recycling, waste-to-energy, and composting.
Website Submission	Solid Waste	Recycling	We should aim to achieve zero waste. We need to increase what we can recycle, more than just 1 and 2s in the way of plastic.
Website Submission	Solid Waste	Recycling	I think we could take a look at some of the innovative ideas around changing recycling behaviour. I saw on Facebook a vending machine that took your bottle/recyclable piece and in exchange you got a coupon of some kind. Worth looking into I reckon.
Website Submission	Solid Waste	Recycling	Can we please have a collection for food scraps/organic stuff
Website Submission	Solid Waste	Recycling	Can we also have an inorganic rubbish collection once a year - this will help stop illegal dumping!
Website Submission	Solid Waste	Recycling	Do as much as possible to stop people buying in plastic. Encourage wax cartons, wrap already plastic-wrapped meat packages in paper at the supermarket instead of yet another plastic bag, stop straws and helium filled balloons...anything else which is easily changed
Website Submission	Solid Waste	Recycling	Businesses should have recycling collected too. We should ban plastic bags & other single use plastic eg. straws, coffee cups etc. Make it cheaper to take rubbish to the dump to reduce fly tipping. Recycle & sell things at the dump (like Xtreme Waste, Raglan) & promote it. We should recycle e-waste & batteries. Nelson have a good recycling system
Website Submission	Solid Waste	Recycling	Want to make sure recycling that is collected is actually recycled.
Website Submission	Solid Waste	Recycling	Be great to have free green was really and compostable waste drop off.
Website Submission	Solid Waste	Recycling	Can we get wheely bins for recycling?
			Review of rubbish prevention e.g. initiatives on reducing waste, re-design of recycling bins and understanding why people fly-tip. Allocate more recycling and waste bins in high density areas in public spaces. Make it fun! Push for less single use plastic items, reward system for retailers who are proactive i.e. allow bring your own container (BYOC).
Website Submission	Solid Waste	Recycling	I believe Northland is creating way too much landfill and better recycling is needed. Also rubbish collection needs to be improved to stop windblown rubbish from insufficient roadside bins.
Website Submission	Solid Waste	Recycling	I would like to have a curbside recycling collection in the cbd. I understand that restaurants and bars need to organise their own but there is currently a great deal of recycling going to landfill from the cbd
Website Submission	Solid Waste	Recycling	It is expensive to buy council bags and yet rate payers also pay a fee towards rubbish. How can this be made cheaper? Also paying so much at the rubbish dump does not help the situation. There is already rubbish dumped on the side of the roads, drains at beaches! Can this be better managed? Made cheaper for everyone?
Website Submission	Solid Waste	Recycling	The recycling guys need some training, they are often throwing things in the ditch, then taking the same things the next week. Rubbish in the ditch is not good.
Website Submission	Solid Waste	Recycling	Recycling in CBD please. Also, people are driving out to the country to get rid of their rubbish to avoid paying for disposal. Make it free to dispose of things like batteries and old TVs etc, the high cost items. If you don't, then we need some crew to go along cleaning up the side of our roads and our drains - I think this would be more expensive than encouraging people to do the right thing by making it free, or very cheap.
Website Submission	Solid Waste	Recycling	CBD should have recycling of glass/plastics
Website Submission	Solid Waste	Recycling	Upgrade current recycling systems to recycle ALL plastics, not just 1 and 2.
			Please recycle all plastics, not just 1 and 2. We need this to ensure our refuse stations do not overflow and we can reduce the impact we are having on the environment. Also further education for the community is required to ensure there is less misuse of the current system. Initiatives like the waste free parenting workshop are great and should be more widely encouraged and publicized.
Website Submission	Solid Waste	Recycling	Recycling people often don't take it and leave bins on the roadside not footpath, eg very bad in Central Ave. tip is good.
Website Submission	Solid Waste	Recycling	Introduce small wheelie bins for recycling collected each 2weeks after all we pay enough rates per year what are we getting for our money
Tutukaka Public Meeting	Solid Waste	Recycling	Would be prepared to pay more rates to reduce waste
Tutukaka Public Meeting	Solid Waste	Recycling	Waste trucks need to take more care
Tutukaka Public Meeting	Solid Waste	Recycling	Green waste separated
Tutukaka Public Meeting	Solid Waste	Recycling	Bottle returns
Pakotai Hui	Solid Waste	Recycling	Recycling boxes need to fit more or have lids to stop overflowing and rubbish being blown into drains.
Onerahi Public Meeting	Solid Waste	Recycling	More recycling bins at beaches
Onerahi Public Meeting	Solid Waste	Recycling	Inorganic recycling
Onerahi Public Meeting	Solid Waste	Recycling	Recycling at all sites for all
Onerahi Public Meeting	Solid Waste	Recycling	More recycling bins at beaches
Onerahi Public Meeting	Solid Waste	Recycling	Inorganic recycling
Onerahi Public Meeting	Solid Waste	Recycling	Recycling at all sites for all types from category 3-7
HYSE (Toll)	Solid Waste	Recycling	Seek innovation in all areas - especially waste
HYSE (Toll)	Solid Waste	Recycling	Rubbish - recycle more things, bring back recycling in the CBD for commercial zones to reduce rubbish going to the landfill
HYSE (Forum North)	Solid Waste	Recycling	Recycling bins shouldn't be increased in size, instead focus on education promoting reduced waste, encourage waste minimisation practices
HYSE (Forum North)	Solid Waste	Recycling	Whangarei should be encouraging 1-7 plastics to be recycled
HYSE (Forum North)	Solid Waste	Recycling	Become a "plastic-waste" free District - introduce a plastic charge to partially fund it
HYSE (Forum North)	Solid Waste	Recycling	Have a look at what Raglan has done - they are best practice and what we should strive for
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Recycle all plastics

Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Waste management - should follow Raglan or Tauranga's approach
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Recycle 1-7 and have small wheelie bins so people think about what they can recycle.
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	An incentive scheme for recyclable materials for households and an initiative similar to "Plastic Bag Fee Wanaka".
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	A refund on all bottles (works well in Europe)
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Recycle more plastics
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Implement a much improved and more recycling-focused waste management scheme, similar to the Innovative Waste Kaikoura scheme in Kaikoura (no kerbside general rubbish pickup - recycling only, but including all kinds of plastics, household batteries etc.), which could be paid for by increased fees on general waste (up to \$5 per bag), offer an on-demand inorganic collection once a year for a fee of \$10 to \$20 per household
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Better recycling schemes- more promotion and greater range of products. Make cost of green waste at transfer station cheaper. could become the "eco-city" now that Waitakere City gone. Larger recycling bins a good idea but not for all. No good in rural areas or for those with very long or steep driveways.
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	More recycling options and local treatment of waste where possible
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	There should be far more recycling of 'rubbish' taken to the recycling centres. The only rubbish that should go to landfills is unrecyclable plastic and treated timber. Everything else can be sorted out by staff at the recycling centre. There is a Resort shop but it appears to receive a fraction of what could be recycled. Staff on the concrete should be encouraged to take a much wider view of what other people would like to re-use. I go occasionally to Hikurangi. There appears to be no effort at resorting anything that is dumped in the bins and I assume this is all carted to landfill and lost. Someone should be there who is interested in Re-sort and recycling. Anything organic should be redirected to the vegetation pile, or put into a compost plant.
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	A compost bin as well as a recycling bin
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Plastics 1-7 recycled
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Bring back CBD recycling at the curb
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Larger recycling bins
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	I'd like to see us move away from bagged rubbish and small recycling containers. Instead use a 2 wheelie bin system. 1 picked up weekly for rubbish and another picked up fortnightly for recycling.
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Recycling	Recycle more plastics
Website Submission	Solid Waste	Rubbish	Why do we have 3 trucks? And why can one tree point store charge more than the value of a rubbish stickers/bags?
Website Submission	Solid Waste	Rubbish	Over the Summer season in Waipu we have a population burst of Holiday makers, AS a resident of Waipu I am concerned about the rubbish left behind by all the visitors and would like to ask the council if they would consider having Skip Bins or something that all the visitors could use to put their rubbish in. The policy at the moment NO RUBBISH NOBINS Take your rubbish home is NOT working Over the summer months. Could the council consider this .
Website Submission	Solid Waste	Rubbish	Wouldn't it be fantastic if we could raise rates and get small teams dedicated to monthly road clean ups outside of Whangarei CBD, To be known as the cleanest city and environs in New Zealand would e a fantastic accolade. Currently local roads are on a twice yearly clean up which although great could be improved. The value for money in doing this to live in a clean well cared for environment would be terrific. Rate payers would also respond really well to such a transparent use of rates.
Website Submission	Solid Waste	Rubbish	Northland Waste do a really good job. The recent removal of litter bins at local beaches was not warranted, with day visitors leaving rubbish behind. Re-installation of these bins is needed.
Website Submission	Solid Waste	Rubbish	I think it's unfair that some of us that pay for rubbish collection don't get it collected from our driveways. We have to drive 3km or more twice a day. Not everyone goes to work and can drop off and pick up on their way past. If we can't have it collected from our driveways then to make up for the inconvenience we an idea could be that we receive a supply of free rubbish stickers so we can take to the dump ourselves when we are passing.
Website Submission	Solid Waste	Rubbish	Start putting cameras up at high trash dump places. Sick of it. get some education into all classrooms about reducing waste.
Website Submission	Solid Waste	Rubbish	DROP THE PRICE OF BAGS! No wonder people do fly tipping.
Maungakarema Public Meeting	Solid Waste	Rubbish	Everyone agrees that there should be the same service for Solid waste district wide regardless of where you live. When asked if they were happy to pay for this - there was an emphatic response that the areas community shouldn't have to .
Ruakaka Public Meeting	Solid Waste	Rubbish	Improved Waste Minimisation Plan
Pakotai Hui	Solid Waste	Rubbish	Illegal dumping is a big problem. Need either rubbish collection or a bin that is emptied out near Pakotai (bin needs to be not easily visible to tourists).
Kamo Public Meeting	Solid Waste	Rubbish	Rubbish levies for businesses that produce/generate rubbish (Fast food chains)
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Rubbish	Need strategies to support waste disposal and minimise illegal dumping.
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Rubbish	Rubbish clean up once a month in Ngunguru/Tutukaka
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Rubbish	Need to empty public rubbish bins more often, especially round loop. Doesn't look good overflowing on a Saturday morning.
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Rubbish	Bigger public rubbish bins
Website Submission	Solid Waste	Transfer stations	reduce the cost to dump rubbish at the whangarei cbd transfer station.
Website Submission	Solid Waste	Transfer stations	Make rubbish dumping at the depots a lot cheaper/fee in order to reduce/eliminate illegal dumpings. I do know the problem behind this matter re this contract with Resort, however we need to find a solution for this environmental costly problem we are facing.
Maungakarema Public Meeting	Solid Waste	Transfer stations	Transfer station hours need to change to accommodate hours that suit tC2:C23he area's community - as a result of the decrease in hours available for use, the wider area is seeing a large increase in "fly tipping" and illegal dumping
Tutukaka Public Meeting	Solid Waste	Transfer stations	Transfer station – look at Raglan model (Extreme Waste) – much better recycling model
Tikipunga Public Meeting	Solid Waste	Transfer stations	The more that WDC charges for refuse disposal, the more illegal dumping occurs. Seek to have no charges.
Mangakahia Public Meeting	Solid Waste	Transfer stations	Increase opening days of refuse transfer stations to prevent fly tipping
Kamo Public Meeting	Solid Waste	Transfer stations	Cost to dump expensive. Fees can encourage bad behaviours. Loss of rubbish from rubbish trucks an issue
HYSE (Forum North)	Solid Waste	Transfer stations	Cost of taking rubbish to the tip is too high - reduce charges may reduce illegal dumping
Hikurangi Public Meeting	Solid Waste	Transfer stations	Transfer Station is the first thing you see when you enter Hikurangi's greatest asset, Waro Reserve, needs to be moved (Jordan Valley?)

Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Transfer stations	4 free "green" dumps per year to encourage people to maintain their properties
Hardcopy Submissions / Matariki / Typeforms	Solid Waste	Transfer stations	Make vegetation free