
ORDINARY MEETING

OF

WELLINGTON REGION WASTE MANAGEMENT AND MINIMISATION PLAN JOINT COMMITTEE

AGENDA

Time: 9:45am
Date: Monday, 11 December 2017
Venue: Committee Room 1
Ground Floor, Council Offices
101 Wakefield Street
Wellington

MEMBERSHIP

Councillor McLeod	Upper Hutt City Council
Councillor Peterson	Masterton District Council
Councillor Pannett	Wellington City Council
Councillor Greathead	Carterton District Council
Councillor Craig	South Wairarapa District Council
Councillor Bridson	Hutt City Council
Councillor Elliot	Kapiti Coast District Council
Councillor Gaylor	Greater Wellington Regional Council
Councillor Ford	Porirua City Council



Have your say!

You can make a short presentation to the Councillors at this meeting. Please let us know by noon the working day before the meeting. You can do this either by phoning 803-8334, emailing public.participation@wcc.govt.nz or writing to Democratic Services, Wellington City Council, PO Box 2199, Wellington, giving your name, phone number and the issue you would like to talk about.

AREA OF FOCUS

Under the Waste Minimisation Act 2008 territorial authorities were required to develop a Waste Management and Minimisation Plan (WMMP) by 2012.

In 2011, 8 Councils in the greater Wellington region adopted the first regional WMMP. The Councils agreed that a Joint Committee should be established to oversee the implementation of the WMMP.

Quorum: 4 members

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1 Meeting Conduct

1.1 Apologies

The Chairperson invites notice from members of apologies, including apologies for lateness and early departure from the meeting, where leave of absence has not previously been granted.

1.2 Conflict of Interest Declarations

Members are reminded of the need to be vigilant to stand aside from decision making when a conflict arises between their role as a member and any private or other external interest they might have.

1.3 Confirmation of Minutes

The minutes of the meeting held on 18 September 2017 will be put to the Wellington Region Waste Management and Minimisation Plan Joint Committee for confirmation.

1.4 Public Participation

A maximum of 60 minutes is set aside for public participation at the commencement of any meeting of the Council or committee that is open to the public. Under Standing Order 3.23.3 a written, oral or electronic application to address the meeting setting forth the subject, is required to be lodged with the Chief Executive by 12.00 noon of the working day prior to the meeting concerned, and subsequently approved by the Chairperson.

1.5 Items not on the Agenda

The Chairperson will give notice of items not on the agenda as follows:

Matters Requiring Urgent Attention as Determined by Resolution of the Wellington Region Waste Management and Minimisation Plan Joint Committee.

1. The reason why the item is not on the agenda; and
2. The reason why discussion of the item cannot be delayed until a subsequent meeting.

Minor Matters relating to the General Business of the Wellington Region Waste Management and Minimisation Plan Joint Committee.

No resolution, decision, or recommendation may be made in respect of the item except to refer it to a subsequent meeting of the Wellington Region Waste Management and Minimisation Plan Joint Committee for further discussion.

2. General Business

WASTE MANAGEMENT AND MINIMISATION PLAN CURRENT PRACTICE UPDATE

Purpose

1. This report details the current scope of territorial authority (TA) waste minimisation practices and estimates the potential of these actions to reduce the amount of waste being sent to landfill. Relatedly, it provides an overview of a range of completed TA actions that have been successful in advancing waste minimisation across the Wellington Region.
2. Secondly, this report recommends an alternative process for the consideration of the preliminary TA WMMP implementation plans by the Waste Management and Minimisation Plan (WMMP) Joint Committee (hereafter referred to as the Joint Committee).

Summary

3. On the 18th September 2017, the Joint Committee made a suite of recommendations, including:

Recommendation #4 - Request officers provide a report in December 2017 that outlines the business as usual plan and completed actions from each TA to reach the WMMP targets.

Recommendation #5 - Agree to request officers to report back with a preliminary implementation plan for the next 3 years for the WMMP with costings by February 2018 and earlier if necessary with respective TAs.
4. In response to recommendation 4, this report outlines the current waste minimisation practices being undertaken by TAs across the Wellington Region, as detailed in **Attachment 1**. In summary, these activities illustrate that TAs are currently undertaking a range of effective waste reduction initiatives. However, **Attachment 1** also highlights that these 'business as usual' activities will not, on their own, result in a large-scale reduction of waste to landfill over the next 10 years.
5. In relation to recommendation 5, the following discussion explains that Council officers are unable to provide the Joint Committee preliminary TA WMMP implementation plans, with costings, by February 2018. This is due to the timing of the request; the provisional nature of the LTP information and the associated potential for change; and the need for prior Council approval in order to release otherwise confidential financial forecasting into the public domain ahead of council agreement on the scope of draft LTP proposals.
6. For the reasons outlined above, the earliest point at which the Joint Committee will be able to consider TA WMMP implementation plans, with costings, within the Joint Committee forum, will be at the time of public release of the draft LTP consultation documents.

Recommendations

That the Wellington Region Waste Management and Minimisation Plan Joint Committee:

1. Receive the information.
2. Agrees to revise the proposed waste management and minimisation implementation plan – Long Term Plan consideration process, to align with Long Term Plan public consultation processes across the Wellington Region.
3. Agree that the Joint Committee recommendation #4 (dated 18th September 2017) be updated to reflect the revised proposed waste management and minimisation implementation plan – Long Term Plan review process, as follows:
‘Agree to request officers to report back with a preliminary implementation plan for the next three years for the WMMP (with estimated costings) in April 2018, or at a time that aligns with the Long Term Plan public consultation processes for the TAs of the Wellington Region’.

Background

7. The Councils of the Wellington Region recently adopted the Wellington Region Waste Management and Minimisation Plan (2017-2023). This Plan sets the regional waste reduction target to reduce the amount of waste being sent to Class 1 landfills by approximately 100,000 tonnes per/year by 2026.
8. On the 18th September 2017 the Joint WMMP Committee met to review the starting point for regional WMMP implementation. The September report to the Joint Committee provided an overview of the implementation status of each of the regional WMMP actions, theorised the local waste reduction targets relevant to each TA, and outlined the regional WMMP work programme for the next 18 months. In response to this report, the Joint Committee agreed that the immediate regional WMMP implementation focus should comprise of:
 - i) The development and implementation of a regional waste bylaw, or suite of regionally consistent district level bylaws; and
 - ii) The implementation of the National Waste Data Framework.
9. The Joint Committee also made a suite of recommendations including (but not limited to) the following:
 - i) ‘Request officers provide a report in December 2017 that outlines the business as usual plan and completed actions from each TA to reach the WMMP targets’ (recommendation #4).
 - ii) ‘Agree to request officers to report back with a preliminary implementation plan for the next 3 years for the WMMP with costings by February 2018 and earlier if necessary with respective TAs’ (recommendation #5)
10. This report responds to the Joint Committees recommendation #4. It also highlights a procedural issue relevant to recommendation #5.

Discussion

Current TA Waste Management & Minimisation Activities

11. In summary, some of the region's recent waste minimisation success stories are as follows:

▪ **The Wairarapa Councils**

- Partnering with Contractor Zero Waste recycling bins for community events.
- Waste Minimisation Community Consultation survey & engagement currently open November 2017.
- Ongoing success and growth of Boomerang bags within all 5 towns.

▪ **Porirua City Council**

- Contract negotiations associated with the optimisation of kerbside recycling and bulk landfill recycling are currently underway.
- Greenwaste (tonnage) diversion to composting has increased this year, signalling a change previous declining greenwaste diversion trends.
- Greenbikes (bicycle refurbishing) is now up and running at their workshop adjacent to Trash Palace. As a result of this new operation, donated bikes are now refurbished and sold through Trash Palace rather than scrapped.

▪ **Hutt City Council**

- Ongoing success of the Council's World of Waste Tour.
- Clothing upcycling courses being run in Wainuiomata and Lower Hutt CBD
- Uptake of the Love Food Hate Waste programme, with a Naenae community group now running it for themselves.

▪ **Kapiti Coast District Council**

- Extension of the kerbside recycling collection zone in September 2017.
- Commencement of child car seat recycling in August 2017.
- Completion of a SWAP survey in September 2017.

▪ **Upper Hutt City Council**

- Trial of a community drop-off recycling station.
- Effective reusable bag campaign, encouraging our community to use an alternative to plastic shopping bags in an effort to reduce waste going to landfill.
- Successful hazardous waste collection (received three times the amount (kg) as 2016).

▪ **Wellington City Council**

- Effective support of the mayor's successful lobbying campaign to phase out plastic bag use at supermarkets.
 - Continued growth in resource recovery centre activities, including diversification into online sales and car seat recycling.
 - Partnering with LoveNZ to provide a public place recycling trial in Wellington City.
12. The above list of TA initiatives highlights that the Councils of the Wellington Region are actively advancing a range of waste minimisation projects in response to local issues and community needs. Nevertheless, it is also clear from Attachment 1 that current 'business as usual' TA waste minimisation activities are limited in their capacity to bring about a large-scale waste reduction over the next ten 10 years.

Regional WMMP Implementation & Long Term Planning Processes

13. The 2018 TA Long Term Planning process presents Councils with an opportunity to secure funding necessary for the implementation of new, and existing, waste TA waste minimisation activities.
14. As discussed at the WMMP Joint Committee meeting on 18th September 2017, the Joint Committee requested that officers report back with a preliminary implementation plan for the next 3 years for the WMMP, with costings, by February 2018. The purpose of this request was to enable the Joint Committee consideration of proposed TA LTP funding proposals related to waste minimisation and, as required, to provide them with the opportunity make recommendations to TAs associated with the funding and implementation of WMMP projects.
15. The basis of this request consequently aligns with the general purpose of the Joint Committee, which is to oversee the implementation of the WMMP, and with the Committee's related mandate to:
- (3) 'Monitor and review the management and implementation of the Plan'; and
 - (4) 'Report back to territorial authorities of the Wellington region on any aspect of the implementation of the Plan, including: recommendations for funding projects of the Plan, recommendations for the management of the Plan; and reports on the effectiveness of the Plan'.
16. Notwithstanding this recommendation, it has become apparent that local TA approval processes limit the ability of officers to comply with this recommendation within the specified timeframe.
17. While the Terms of Reference for Joint Committee establish a mandate for the Committee to 'monitor and review the management and implementation of the Plan', such activities remain dependent on the availability of information for release into the Joint Committee forum.
18. Due to the provisional nature of the LTP information, the associated potential for change, and the need for prior Council approval in order to release otherwise confidential financial forecasting into the public domain ahead of TA draft LTP decision

making processes, Council officers are unable to comply with Joint Committee recommendation 5 (dated 18 September 2017).

19. As such, an alternative WMMP implementation/LTP engagement process is proposed for the Joint Committee's consideration. In summary, this alternative process will facilitate the Joint Committee's consideration of WMMP related LTP proposals for each Council during their respective LTP public consultation period.
20. Although the LTP consultation dates for each of the eight Councils are yet to be confirmed, it is anticipated that there will be a public consultation window common to each of the TAs during April 2018.
21. It is therefore recommended that the Joint Committee agree to meet to consider preliminary TA WMMP implementation plans, with costings, once draft LTP information/consultation documents become publicly available. At this point, and in parallel to the public LTP submissions/hearings process, the Joint Committee will be able to make recommendations to TA's in response to their preliminary WMMP implementation plans and associated funding proposals.

Conclusion

22. The Councils of the Wellington Region are currently advancing a range of waste minimisation initiatives. The 2018-2028 LTP process provides councils the opportunity to secure ongoing financial support for these current WMMP initiatives, and for new WMMP projects.
23. To facilitate Joint Committee consideration of TA funding proposals related to WMMP implementation, it is recommended that the Committee meet to consider preliminary TA WMMP implementation plans, with costings, once the draft LTP information becomes publicly available. While this revised process differs to that outlined by the Joint Committee on 18th September 2017, it nevertheless provides the Committee with a regionally co-ordinated process for considering and providing feedback on the preliminary TA WMMP implementation plans for the next 3 years.

Attachments

Attachment 1. Current WMMP Activities

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Author	Emma Richardson, Regional WMMP Planner
Authoriser	David Chick, Chief City Planner

SUPPORTING INFORMATION

Engagement and Consultation

Not applicable.

Treaty of Waitangi considerations

The content of this report is not inconsistent with the principles of the Treaty of Waitangi.

Financial implications

Not applicable.

Policy and legislative implications

There are no direct policy or legislative implications associated with the recommendations made within this report.

Risks / legal

There are no risks, legal or otherwise, associated with the recommendations made within this report.

Climate Change impact and considerations

The local council waste minimisation initiatives detailed within this report will assist to minimise landfill gas emissions, and therefore will reduce the potential for climate change impacts.

Communications Plan

Not applicable.

Health and Safety Impact considered

There will be no adverse health and safety impacts as a result of the recommendations made within this report.

ATTACHMENT 1: Current WMMP Activities
Regional Territorial Authority Overview

1.0 Hutt City Council¹

1.1 Hutt City regulation

Reference & title	Connection to Regional Action
R.2: Actively enforce, control and reduce littering and illegal dumping.	R.R.1 – Bylaw
R.3: Waste minimisation plans are required as part of Council building projects - Work Instruction to be approved by Council's Senior Leadership Team.	R.R.1 – Bylaw

1.2 Hutt City data

Reference & title	Connection to Regional Action
D.1: Implement Waste Data Framework	R.D.1 - Implement National Waste Data Framework

1.3 Hutt City engagement

Reference & title	Connection to Regional Action
E.1: Wellington Regional Waste Education Strategy is implemented, and regional	R.E.1 – Regional engagement

¹ Estimated potential tonnage reductions are not currently available for Hutt City Council.

cooperation is strengthened.	
E.2: Support schools to access the Enviroschools programme.	R.E.1 – Regional engagement
E.3: Improve reporting on where recyclables are sent, how recycled, and improve collection of data on weight and type of recyclables.	R.E.1 – Regional engagement
E.4: Council monitors and reports on its carbon emissions and encourages businesses and organisations to do likewise.	R.E.1 – Regional engagement
E.5: Provide incentives and information for people to access compostable disposable nappies solution, and Sustainable Parenting workshops.	R.E.1 – Regional engagement
E.6: Support and promote waste minimisation certifications for businesses.	R.E.1 – Regional engagement
E.7: Deliver a comprehensive waste minimisation programme to include education, information, incentives, and community engagement.	R.E.1 – Regional engagement
E.8: Deliver annual business sustainability presentations / workshops and engage with local businesses to reduce waste production.	R.E.1 – Regional engagement
E.9: Encourage and support household composting.	R.E.1 – Regional engagement
E.10: Increase kerbside recycling tonnages per capita.	R.E.1 – Regional engagement
E.11: Undertake community recycling awareness programmes.	R.E.1 – Regional engagement
E.12: Promote and encourage construction and demolition waste reduction, reuse, and recycling.	R.E.1 – Regional engagement
E.13: Continue World of Waste Bus Tours.	R.E.1 – Regional engagement
E.14: Support and promote reusable nappy programme.	R.E.1 – Regional engagement
E.15: Support and deliver food waste prevention programmes focused on minimising food waste.	R.E.1 – Regional engagement
E.16: Support marae and iwi groups to minimise waste	R.IN.1 – Resource recovery network R.E.1 – Regional Engagement

1.4 Hutt City collections

Reference & title	Connection to Regional Action
C.3: Investigate methods to prevent recycling from being put in Council rubbish bags.	R.C.1 - Optimised kerbside systems.
C.4: Provide city-wide weekly refuse and recycling collection service plus recycling stations.	R.C.1 - Optimised kerbside systems.
C.6: Continue to offer and promote free e-waste collection service for Hutt City residents.	R.C.1 - Optimised kerbside systems.
C.7: Maintain annual or biennial Hazmobile collection day.	R.C.1 - Optimised kerbside systems.
C.9: Council provides a comprehensive network of litter bins across the city, and also provides street cleaning and park and reserves maintenance services. These services are supported by a litter waste bylaw and Council enforcement.	N/A

1.5 Hutt City infrastructure

Reference & title	Connection to Regional Action
IN.2: Investigate and, where feasible, implement measures to prevent recyclables from being put into the landfill.	R.IN.1 - Resource recovery network
IN.5: Manage community recycling stations to reduce illegal dumping.	R.IN.1 - Resource recovery network
IN.6: Maintain public place recycling bins service and increase or relocate bins where appropriate.	R.IN.1 - Resource recovery network
IN.7: Maintain or improve methane capture rate at Silverstream Landfill (based on available resource).	Not directly related regional actions

IN.8: Silverstream Landfill -Council will continuously look at ways to improve the service levels and operations at its landfill (s) where efficient in an effort to reduce harm.	Not directly related regional actions
IN.9: Aftercare of Closed Landfills	Not directly related regional actions

1.6 Hutt City leadership and management

Reference & title	Connection to Regional Action
LM.1: Regional Waste Minimisation Plan is efficiently implemented, and deliverables strengthened.	Resourcing for regional actions
LM.2: Maintain and renew contract with an appropriate supplier to assist with waste diversion at landfill and around Lower Hutt.	R.IN.1 - Resource recovery network
LM.4: Reduce amount of waste going to landfill through increased landfill diversion, and working with businesses to encourage recycling and use of recyclable materials.	R.E.1 – Enhanced regional engagement
LM.8: Strengthen and support Bike Tech initiatives.	R.LM. 3 – Collaborate R.LM.4 – Lobby
LM.9: Maintain external contract to offer free waste audits and solutions for local businesses	R.LM. 3 – Collaborate R.LM.4 – Lobby
LM.11 Resourcing waste management & minimisation initiatives	R.LM.3 - Resourcing for regional actions

2.0 Kāpiti Coast District Council

2.1 Kāpiti Coast regulation

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
R.1: Licensing under the current Solid Waste Bylaw	R.R.1 - Bylaw R.D.1 – Implement the National Waste Data Framework	Licensing already in place.

2.2 Kāpiti Coast data

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
D.1: Collect and manage data in accordance with the National Waste Data Framework	R.D.1 - Implement National Waste Data Framework	Once in place, the Waste Data Framework will further inform tonnage diversion calculations.

2.3 Kāpiti Coast engagement

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
E.1: Provide educational support to educational institutions on waste minimisation	R.E.1 - Deliver enhanced regional engagement	Up to 5 tonnes by 2026
E.2: Assist educational institutions with waste minimisation projects	R.E.1 - Deliver enhanced regional engagement	Up to 5 tonnes by 2026

E.3: Support residents to minimise waste through education and information	R.E.1 - Deliver enhanced regional engagement	Up to 50 tonnes by 2026
E.4: Support community projects and events	R.E.1 - Deliver enhanced regional engagement R.IN.1 - Resource recovery	Up to 50 tonnes by 2026
E.5: Targeted educational campaigns and projects	R.IN.1 - Resource recovery network R.E.1 - Deliver enhanced regional engagement	The regional potential diversion for Waste Free Parenting is 315 tonnes Kāpiti's share of that is 32 tonnes Love Food Hate Waste regional target is 2,400 tonnes by 2018, Kāpiti's share of that is 240 tonnes Up to 50 tonnes from other targeted campaigns by 2026
E.6: Optimise regional communications	R.E.1 - Deliver enhanced regional engagement	N/A
E.7: Work with local businesses to achieve waste minimisation	R.E.1 - Deliver enhanced regional engagement R.IN.1 - Resource recovery network	Up to 20 tonnes by 2026 External providers already active in this space (and supported by Council), e.g. Organic Wealth, Sustainability Trust. Investigate further options to support businesses.
E.8: Support marae and iwi groups to minimise waste	R.IN.1 - Resource recovery network R.E.1 - Deliver enhanced regional engagement	Para Kore target for the region is 30 tonnes from 20 Marae. Kāpiti's target is 3 tonnes from two Marae

2.4 Kāpiti Coast collections

Reference and title	Connection to Regional Action	Estimated potential benefit (e.g. tonnage diverted p/a)
C.1: Review kerbside collections and investigate improvement options	R.C.1 - Determine and commit to implementing optimised kerbside systems	Up to 470 tonnes of recycling by 2026 Up to 1,920 tonnes of food waste by 2026 It is noted that this estimated food waste reduction is premised on educational initiatives, through the encouragement of home treatment activities, and by promoting the provision of private sector organic kerbside collection services.

2.5 Kāpiti Coast infrastructure

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
IN.1: Enhance waste diversion from transfer stations	R.IN.1 - Resource recovery network	Up to 150 tonnes by 2026 Car seat recycling from Aug 2017.
IN.2: Greenwaste Recovery and recycling	R.IN.1 - Resource recovery network	Up to 100 tonnes by 2026 Greenwaste recovery already works reasonably well in the district. Target greenwaste disposed of in domestic wheelie bins.
IN.4: Provide clean Public Places		N/A
IN.5: Effluent Waste	R.IN.2 - Collaborate on options to use biosolids beneficially	Up to 1,467 tonnes by 2026 KCDC is involved in an investigatory initiative with Councils of Manawatu region, which has the potential to establish an alternative use of effluent

		waste. The potential to divert biosolids is premised on the success of this trial. Diversion could also be advanced if Wgtn Water find a solution to this issue that could extend to the Kapiti District.
IN.6: Aftercare of Closed Landfills		N/A

2.6 Kāpiti Coast leadership and management

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
LM.1: Contestable Waste Reduction Grants	R.E.1 – Deliver enhanced regional engagement	Diversion potential remains subject to the grant in question.
LM.2: Waste Minimisation Staff	R.E.1 – Deliver enhanced regional engagement R.LM.4 – Lobby for product stewardship and possible priority products	N/A
LM.3: Internal Waste Minimisation	R.LM.3 – Collaborate	Tonnage estimates not available at this time.

3.0 Porirua City Council

3.1 Porirua City regulation

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
R.1: Implement regionally consistent bylaw	R.R.1 - bylaw	Diversion potential remains subject to bylaw provisions.

3.2 Porirua City data

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
D.1: Implement Waste Data Framework	R.D.1 - Implement National Waste Data Framework	Once in place, the Waste Data Framework will further inform tonnage diversion calculations.

3.3 Porirua City engagement

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
E.1:Enviroschools programme	R.E.1 - Deliver enhanced regional engagement, communications and education.	An increase in community education, awareness and engagement regarding waste reduction, diversion and recycling has the potential to result in long term waste minimisation benefits.
E.2: Resource Recovery Education Programme	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.3: School organic waste programme	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.4: Supporting educational institutions to promote and undertake waste minimisation	R.E.1 - Deliver enhanced regional engagement, communications and education.	

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
E.5: Supporting residents to promote and undertake waste minimisation	R.E.1 - Deliver enhanced regional engagement, communications and education.	An increase in community education, awareness and engagement regarding waste reduction, diversion and recycling has the potential to result in long term waste minimisation benefits.
E.6: Supporting community-based and other organisations and groups to promote and undertake waste minimisation	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.7: Waste minimisation grants	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.8: Promoting and supporting waste minimisation at events and festivals	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.9: Love Food Hate Waste NZ Campaign	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.10: Targeted educational campaigns and projects	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.12: Work with local business to achieve waste minimisation	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.13: Support waste and recycling services and facilities with appropriate information	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.14: Optimise regional communications	R.E.1 - Deliver enhanced regional engagement	

3.4 Porirua City collections

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
C.1: Implement improvements to recycling collection	R.C.1 - Optimised kerbside systems.	Tonnage estimates not available at this time.
C.2: Implement improvements to rubbish collection	R.C.1 - Optimised kerbside systems.	Tonnage estimates not available at this time.

3.5 Porirua City infrastructure

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
IN.1: Develop Local Resource Recovery Centres	R.IN.1 - Resource recovery network	Tonnage estimates not available at this time.
IN.3: Work with local business to achieve waste minimisation	R.LM.4 – Lobby for product stewardship and possible priority products R.IN.1 - Resource recovery network	Potential tonnage reduction benefits remain variable.

3.6 Porirua City leadership and management

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
LM.1: Internal waste minimisation	R.LM. 3 – Collaborate R.LM.4 – Lobby	Tonnage estimates not available at this time.
LM.2: Professional development and subscriptions	R.LM. 3 – Collaborate R.LM.4 – Lobby	N/A
LM.3: Collaborate with private sector	R.LM. 3 – Collaborate	An increase in community education, awareness and engagement regarding waste reduction, diversion and

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
and community.	R.LM.4 – Lobby	recycling has the potential to result in long term waste minimisation benefits.
LM.4: Waste Minimisation Staff	R.LM.3 - Resourcing for regional actions	N/A
LM5: Shared Services	Supports initiatives that make direct contribution to targets	N/A
LM6: Advocacy and lobbying	Continue to advocate and lobby for progressive waste management and minimisation policy (government and other relevant stakeholders) and action (all stakeholders).	N/A
LM7: Landfill pricing	Investigate and implement landfill pricing strategies that promote waste minimisation and environmentally, socially and financially sustainable landfill operations	Potential tonnage reduction benefits remain variable.

4.0 Upper Hutt City Council

4.1 Upper Hutt City regulation

Reference & Title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
R.1: Investigate and if appropriate implement a regionally consistent bylaw	R.R.1 - Bylaw	The regional investigation is being led by the Regional WMMP Planner. The investigation will involve assessing other bylaws in NZ to determine possible approaches. Officers will be in a better position to understand the potential tonnage to be diverted once the investigation is complete.

4.2 Upper Hutt City data

Reference & Title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
D.1: Implement Waste Data Framework	R.E.1 - Deliver enhanced regional engagement, communications and education..	Officers have received and approved a proposal to begin investigating the Waste Data Framework. The proposal will: - Establish what needs to happen for each council to implement the National Waste Data Framework Develop an implementation plan for each council recognising the level of assistance each council will need.

4.3 Upper Hutt City engagement

Reference & Title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
E.1:Enviroschools programme is supported	R.E.1 - Deliver enhanced regional engagement, communications and	Funding for the Enviroschools programme has increased this year to allow other schools to join the programme and for more support with local events. The programme

	education.	is funded from Council's waste and Sustainability Strategy budgets.
E.4: Supporting community-based and other organisations and groups to promote and undertake waste minimisation	R.E.1 - Deliver enhanced regional engagement, communications and education.	This action hasn't started but upcoming projects under this action are likely to include: sustainable living courses, community gardening / composting courses, and Kids4Drama in schools (an education initiative).
E.5: Promoting and supporting waste minimisation at events and festivals	R.E.1 - Deliver enhanced regional engagement, communications and education.	Events this year include March Madness and the Food Truck Rally. The goal is for all events in Upper Hutt (especially those facilitated by Council) to promote waste minimisation by providing recycling facilities and for event organisers to think more about being 'waste-free'.
E.6: Support waste and recycling services and facilities	A R.E.1 - Deliver enhanced regional engagement, communications and education.	Budget is not allocated specifically for this action but officer time is available to support waste and recycling service operators to advertise their services (e.g. local composting businesses) through media and other communications.
E.7: Optimise regional communications	R.E.1 - Deliver enhanced regional engagement, communications and education.	Officers liaise with regional waste educators and via the WMMP officer Steering Group to ensure regional communications are consistent.
E.8: Support marae and iwi groups to minimise waste	R.E.1 - Deliver enhanced regional engagement, communications and education.	Council has supported the Para Kore programme. Para Kore means zero waste. The programme works with marae to increase the reuse, recycling and composting of materials to reduce the extraction of natural resources and raw materials from Papatūānuku.

4.4 Upper Hutt City collections

Reference & Title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
C.1: Support private sector operators	R.L.M. 3 – Collaborate R.L.M.4 – Lobby	Potential tonnage reduction benefits remain variable.

4.5 Upper Hutt City infrastructure

Reference & Title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
IN.1: Investigate developing a drop-off recovery centre at Silverstream Landfill, with Hutt City Council	R.IN.1 - Resource recovery network	There is an opportunity to develop a resource recovery centre in conjunction with Hutt City Council. Investigations about the feasibility of this project are at a preliminary stage. Implementing this project is reliant upon support and commitment from Hutt City Council.
IN.2: Provision of recycling drop-off facilities	R.IN.1 - Resource recovery network	The drop-off recycling station opened in late January 2017. The facility at Park Street is a one year trial and is currently estimated to divert approximately 260 tonnes per year. This estimate is based on the monthly tonnages diverted so far (average of 21.7 tonnes per month). An evaluation of the station needs to be complete at the end of the one year trial period.
IN.3: Provide yearly hazardous waste disposal drop-off day	R.IN.1 - Resource recovery network	The annual hazardous waste collection will be on Saturday 28 October 10am – 2pm. Last year 1.3 tonnes of hazardous waste was collected.

4.6 Upper Hutt City leadership and management

Reference & Title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
LM.1: Collaborate with private sector and community	R.LM. 3 – Collaborate R.LM.4 – Lobby	Action not specifically budgeted this financial year, but officers can provide support and advice for collaborative projects with the private sector and community groups. Council can also collaborate and lobby for things like product stewardship.
LM.2: Internal waste minimisation	R.LM. 3 – Collaborate R.LM.4 – Lobby R.E.1 - Deliver enhanced regional engagement	Upper Hutt City Council has an internal system to recycle paper, plastic, glass and compost food waste in worm bins. Estimated tonnages collected are not known at this stage.
LM.3: Professional development and subscriptions	R.E.1 - Deliver enhanced regional engagement	This action provides for council officers to attend workshops, conferences and hui to learn about ways to improve waste minimisation and management. It also allows for membership to organisations like WasteMinz.

5.0 Wairarapa Joint Plan

5.1 Wairarapa regulation

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
R.1: Implement regionally consistent bylaw	R.R.1 - Bylaw	New bylaw to assist with effective management of waste streams.
R.2: New buildings recycling facilities	R.C.1 - Determine and commit to implementing optimised kerbside systems	Public consultation regarding waste options prior to LTP is underway. Feedback will determine potential building and facility changes.
R.3: Future recycling facility provisions	R.C.1 - Determine and commit to implementing optimised kerbside systems	
R.4: Safe collection and storage of hazardous wastes	R.IN.1 - Resource recovery network	Ensures hazardous waste is disposed of in environmentally sustainable way.

5.2 Wairarapa data

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
D.1: Implement Waste Data Framework	R.D.1 - Implement National Waste Data Framework	Once in place, the Waste Data Framework will further inform tonnage diversion calculations.

D.2: Reduce construction & demolition waste	R.D.1 - Implement National Waste Data Framework	Data collection to assist with effective management of waste streams.
D.3: Material diverted to recycling	R.D.1 - Implement National Waste Data Framework	
D.4: Collection of hazardous chemicals	R.D.1 - Implement National Waste Data Framework	
D.5: Recovery and recycling rates	R.C.1 – Optimise collection systems R.IN.1 – Resource recovery network	

5.3 Wairarapa engagement

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
E.1: Community minimisation practices	R.E.1 - Deliver enhanced regional engagement, communications and education.	Education and promotion assist with effective management of waste streams.
E.2: Publicise waste management in Wairarapa	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.3: Education and Promotion	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.4: Encourage the market for reusable goods, recycled goods and composting products	R.LM.3 & 4 - Collaborate on and lobby for waste minimisation policies and strategies, for example product stewardship.	

E.5: Use of hazardous materials	R.E.1 -Deliver enhanced regional engagement, communications and education.	
E.6: Industrial and commercial waste reduction	R.IN.1 - Investigate and develop a region-wide resource recovery network	
E.7: Education on minimisation and recycling	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.8: Public waste reduction information	R.E.1 - Deliver enhanced regional engagement, communications and education.	
E.9: Reduced use of hazardous materials	R.IN.1 - Investigate and develop a region-wide resource recovery network	

5.4 Wairarapa collections

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
C.1: Effective collection of recycled material and residual waste	R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.	Waste sorting option to be investigated - 1,500 t/y reduction
C.2: Waste management practices in rural and holiday areas	R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.	Public consultation regarding waste options prior to LTP is underway.
C.3: Support the reduction and diversion of organic waste	R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and	Public consultation regarding food waste collection service prior to LTP is underway – potential 1700 t/y reduction.

	are cost-effective to communities.	
C.4: Collection and disposal charges	R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.	Public consultation regarding change from create to wheelie bin recycling is underway – potential 300 t/y reduction.
C.5: Kerbside recycling	R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.	
C.6: Collection of hazardous chemicals	R.IN.3 - Investigate and develop a region-wide resource recovery network	Ensures hazardous waste is disposed of in environmentally sustainable way. – 10 t/y.
C.7: Management of Polystyrene	R.IN.3 - Investigate and develop a region-wide resource recovery network	Investigate recycling options – date to be confirmed in the LTP – potential 5 t/y.

5.5 Wairarapa infrastructure

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
IN.1: Green waste and recycling	R.IN.3 - Investigate and develop a region-wide resource recovery network	New mulcher purchased with the aim to maintain diversion rates.
IN.2: Promote private and community facilities	R.E.1 - Deliver enhanced regional engagement.	Promotion to assist with effective management of waste streams.
IN.3: Regional resource recovery	R.IN.3 - Investigate and develop a region-wide resource recovery network	Public consultation regarding Resource recovery option – potential 400 t/y reduction.
IN.4: Accessible recycling facilities	R.IN.3 – Investigate and develop a region-wide resource recovery network	Maintain waste diversion rates.

IN.5: Reduce land filled organic waste	R.IN3 - Investigate and develop a region-wide resource recovery network	Public consultation regarding food waste collection service prior to LTP is underway.
IN.6: Signage at landfills and transfer stations	R.E.1 - Deliver enhanced regional engagement, communications and education.	Maintain waste diversion rates
IN.7: Future residual disposal needs of the Wairarapa	R.IN.3 - Investigate and develop a region-wide resource recovery network waste.	
IN.8: Council transfer station and landfill management plans	R.R.1 - Bylaw	

5.6 Wairarapa leadership and management

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
LM.1: Collective approach to waste management	R.LM.3 – Collaborate R.LM.1 – Shared governance	Projects to assist with effective management of waste streams.
LM.2: Costs of collective approach	R.C.1 - Determine and commit to implementing optimised kerbside systems	
LM.3: Waste minimisation staff	R.E.1 -Deliver enhanced regional engagement	
LM.4: Partnering with groups	R.E.1 – Deliver enhanced regional engagement	
LM.5: Participation with Tangata Whenua	R.E.1 – Deliver enhanced regional engagement	
LM.6: Waste Levy funding from MfE	R.LM.2 - Fund regional resources	
LM.7: National approach to Waste	R.LM.3 - Collaborate	

Policy		
LM.8: Consistent policies across regional and territorial councils	R.LM.3 - Collaborate	
LM.9: Adopt the MfE Cleanfill Guidelines	R.IN.1 - Investigate and develop a region-wide resource recovery network waste.	
LM.10: Event recycling and zero waste events	R.E.1 - Deliver enhanced regional engagement, communications and education.	

6 Wellington City Council Local Action Plan

6.1 Wellington City regulation

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
R.1: Bylaw development, implementation and enforcement	RR1 – Bylaw RIN1 – Resource Recovery RIN2 – Beneficial use of biosolids	Diversion potential remains subject to bylaw provisions.
R.2: Investigation of additional regulatory measures	RR1 – Bylaw RIN1 - Resource Recovery Network RIN2 - Beneficial use of biosolids	N/A
R.3: Building Waste Management Facilities	R.C.1 – Optimise Collection Systems	Potential to promote waste minimisation and promote the efficiency of waste minimisation servicing.
R.4 Actively enforce, control and reduce littering and illegal dumping.	R.E.1 - Enhanced regional engagement.	Potential tonnage reduction benefits will vary.

	RD1 - Implement National Waste Data Framework and utilise the Framework to increase strategic information	
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6.2 Wellington City data

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
D.1: Implement Waste Data Framework	R.D.1 - Implement National Waste Data Framework and utilise the framework to increase strategic information	Once in place, the Waste Data Framework will further inform tonnage diversion calculations.

6.3 Wellington City engagement

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
E.1: Working with schools	R.E.1 - Deliver enhanced regional engagement	Up to 25 tonnes by 2026
E.2: Support for recycling in schools and early learning centres	R.E.1 - Deliver enhanced regional engagement	Up to 25 tonnes by 2026
E.3: Promoting and supporting waste minimisation at events	R.E.1 - Deliver enhanced regional engagement	Up to 20 tonnes by 2026
E.4: Promote and support the reduction and diversion of organic waste	R.E.1 - Deliver enhanced regional engagement	Love Food Hate Waste regional target is 2,400 tonnes by 2018; WCC target is 984 tonnes by 2018 .
E.5: Support marae and iwi groups to	R.E.1 - Deliver enhanced regional	Para Kore target for the region is 30 tonnes from 20 marae. WCC's target is 12tonnes from

minimise waste	engagement	eight marae by 2020
E.6: Promote, educate and support residents to minimise waste	R.E.1 - Deliver enhanced regional engagement	The regional potential diversion for Waste Free Parenting is 315 tonnes; the WCC target is 109 tonnes (~35% of workshop attendees regionally) Up to 667 tonnes from other targeted education initiatives by 2026
E.7: Optimise regional communications	R.E.1 - Deliver enhanced regional engagement	N/A
E.8: Wellington Regional Waste Education Strategy	R.E.1 - Deliver enhanced regional engagement	N/A

6.4 Wellington City collections

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
C.1: Household recycling collection	R.C.1 - Optimise collection systems	Up to an additional 1850 tonnes per annum by 2026
C.2: CBD recycling collection	R.C.1 - Optimise collection systems	Potential tonnage reduction benefits remain variable.

6.5 Wellington City infrastructure

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
IN.3: Compost operation	RIN1 - Investigate and develop a region-wide resource recovery network – including facilities for	Currently up to 5,200 tonnes per annum of organic material diverted with the potential to increase in response to regional actions that

	construction and demolition waste, food and/or biosolids, and other organic waste	divert more organics
IN.6: Public place recycling (trial)	R.IN.1- Investigate and develop a region-wide resource recovery network	Potential tonnage reduction benefits will vary for the duration of the trial.
IN.8: Signage at waste/ recycling facilities	R.E.1 - Deliver enhanced regional engagement	N/A
IN.9: Recovery of energy from landfill gas	Not applicable	N/A
IN.10: Closed landfills	Not applicable	N/A

6.6 Wellington City leadership and management

Reference and title	Connection to Regional Action	Estimated potential benefit tonnage diverted from waste
LM.1: Support community groups and the business sector	R.E.1 - Deliver enhanced regional engagement, communications, and education	Potential tonnage reduction benefits will vary in relation to the initiative in question.
LM.2: Provide grants for community and business development projects	R.E.1 - Deliver enhanced regional engagement, communications, and education	
LM.3: Industry-based reuse	R.IN.1 - Investigate and develop a region-wide resource recovery network	Tonnage reduction benefits will vary subject to the council's investment in resource recovery infrastructure.
LM.4: Behaviour change	R.E.1 - Deliver enhanced regional engagement	An increase in community education, awareness and engagement regarding waste reduction,

LM.5: Advocacy and lobbying	R.LM.2 – Resourcing regional actions R.LM.3 - Collaboration R.LM.4 – Lobbying	diversion and recycling has the potential to result in long term waste minimisation benefits.
LM.6: Collaborate with private sector and community to work with local groups and waste companies	R.IN1 - Resource Recovery Network R.LM.3 - Collaboration R.LM.4 – Lobbying	Potential tonnage reduction benefits will vary in relation to the initiative in question.
LM.7: Funding options	Supports initiatives that make direct contribution to targets	Potential tonnage reduction benefits will vary in relation to the initiative in question.
LM.8: Shared Services	Supports initiatives that make direct contribution to targets	Further investigation is required to understand the potential tonnage reduction benefits of shared services.
LM.9: Innovation and technology	Supports initiatives that make direct contribution to targets	Tonnage reduction will vary subject to the Council's investment in innovation and technology.
LM.11: Waste levy funding from MfE	Supports initiatives that make direct contribution to targets	Tonnage reduction benefits will vary subject to levy expenditure.
LM.13 Limiting adverse environmental impacts	R.R.1 - Develop and implement a regional bylaw	The benefits of limiting environmental damage, and protecting human health, cannot not be rationalised in terms of tonnage reduction.
LM.14: Managing hazardous waste	R.R.1 - Develop and implement an regional bylaw	