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ORDINARY MEETING  
OF  
WELLINGTON REGION WASTE MANAGEMENT AND  
MINIMISATION PLAN JOINT COMMITTEE  
AGENDA

Time: 9:30am  
Date: Monday, 6 December 2021  
Venue: Ngake (16.09)  
Level 16, Tahiwī  
113 The Terrace  
Wellington

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## MEMBERSHIP

Councillor Frazer Mailman	Masterton District Council
Councillor Jill Greathead	Carterton District Council
Councillor Pam Colenso	South Wairarapa District Council
Councillor Jackie Elliot	Kāpiti Coast District Council
Councillor Steve Taylor	Upper Hutt City Council
Councillor Simon Edwards (Deputy Chair)	Hutt City Council
Councillor David Lee	Greater Wellington Regional Council
Councillor Geoff Hayward	Porirua City Council
Councillor Laurie Foon (Chair)	Wellington 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 04-803-8334, emailing [public.participation@wcc.govt.nz](mailto:public.participation@wcc.govt.nz) or writing to Democracy Services, Wellington City Council, PO Box 2199, Wellington, giving your name, phone number, and the issue you would like to talk about.

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## **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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**TABLE OF CONTENTS  
6 DECEMBER 2021**

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<b>Business</b>	<b>Page No.</b>
<b>1. Meeting Conduct</b>	<b>5</b>
<b>1.1 Karakia</b>	<b>5</b>
<b>1.2 Apologies</b>	<b>5</b>
<b>1.3 Conflict of Interest Declarations</b>	<b>5</b>
<b>1.4 Confirmation of Minutes</b>	<b>5</b>
<b>1.5 Items not on the Agenda</b>	<b>5</b>
<b>1.6 Public Participation</b>	<b>5</b>
<b>2. General Business</b>	<b>7</b>
<b>2.1 Regional Waste Management &amp; Minimisation Plan     Implementation Update</b>	<b>7</b>



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## 1. Meeting Conduct

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### 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 7 December 2020 will be put to the Wellington Region Waste Management and Minimisation Plan Joint Committee for confirmation.

### 1.4 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.***

The Chairperson shall state to the meeting:

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.

The item may be allowed onto the agenda by resolution of the Wellington Region Waste Management and Minimisation Plan Joint Committee.

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

The Chairperson shall state to the meeting that the item will be discussed, but 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.

### 1.5 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.

**WELLINGTON REGION WASTE  
MANAGEMENT AND MINIMISATION PLAN  
JOINT COMMITTEE  
6 DECEMBER 2021**

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**Absolutely Positively  
Wellington City Council**  
Me Heke Ki Pōneke

Requests for public participation can be sent by email to [public.participation@wcc.govt.nz](mailto:public.participation@wcc.govt.nz), by post to Democracy Services, Wellington City Council, PO Box 2199, Wellington, or by phone at 04 803 8334, giving the requester's name, phone number and the issue to be raised.

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2. General Business

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**REGIONAL WASTE MANAGEMENT & MINIMISATION PLAN  
IMPLEMENTATION UPDATE**

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**Kōrero taunaki  
Summary of considerations**

**Purpose**

1. This report to the Wellington Region Waste Management and Minimisation Plan Joint Committee provides a progress update on the implementation of the regional and local-level actions contained in the Regional Waste Management and Minimisation Plan (WMMP) (2017-2023).

**Strategic alignment with community wellbeing outcomes and priority areas**

Aligns with the following strategies and priority areas:

- Sustainable, natural eco city
- People friendly, compact, safe and accessible capital city
- Innovative, inclusive and creative city
- Dynamic and sustainable economy
- Functioning, resilient and reliable three waters infrastructure
- Affordable, resilient and safe place to live
- Safe, resilient and reliable core transport infrastructure network
- Fit-for-purpose community, creative and cultural spaces
- Accelerating zero-carbon and waste-free transition
- Strong partnerships with mana whenua

**Strategic alignment  
with priority  
objective areas from  
Long-term Plan  
2021–2031**

**Relevant Previous  
decisions**

Outline relevant previous decisions that pertain to the material being considered in this paper.

This report acknowledges the Joint WMMP's Committee's prioritisation of the Regional WMMP Action Plan, as at September 2020.

**Financial considerations**

- Nil       Budgetary provision in Annual Plan / Long-term Plan       Unbudgeted \$X

**Risk**

- Low       Medium       High       Extreme

**WELLINGTON REGION WASTE  
MANAGEMENT AND MINIMISATION PLAN  
JOINT COMMITTEE  
6 DECEMBER 2021**

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Author	Emma Richardson, Senior Waste Planner
Authoriser	Emily Taylor-Hall, Waste Operations Manager Siobhan Procter, Chief Infrastructure Officer



## **Taunakitanga Officers' Recommendations**

Officers recommend the following motion

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

1. Receive the information.
2. Note the progress made to advance the regional WMMP implementation priorities, including:
  - i) Regional Waste Operator and Facility Licensing, and the associated implementation of the National Waste Data Framework, and
  - ii) Investigating, and where appropriate, advancing the expansion of the Region's network of resource recovery facilities.
3. Note that all operational resourcing available to support the implementation of regional actions is currently channelled towards the delivery of a new Regional Waste Operator and Facility Licensing System, and the associated implementation of the National Waste Data Framework.
4. Note the Regional WMMP Review Process Overview outlined in Diagram 2.
5. Note, subject to the scope of the next WMMP/s, the 2023/2024 Annual Plan and 2024/2025 Long Term Plan processes may be critical for Councils in securing any financial support necessary for the implementation of the next WMMP/s.

## **Whakarāpopoto**

### **Executive Summary**

2. The Wellington Regional Waste Management and Minimisation Plan 2017-23 (WMMP) promotes effective and efficient forms of waste management and minimisation across the region, and establishes a related set of waste reduction targets.
3. The Councils of the Wellington Region are currently progressing a range of local and regional actions to support waste reduction within the region.
4. Both at the local and regional level, the actions broadly encompass regulatory and infrastructure considerations, as well as initiatives related to optimising service provision, engagement, leadership and management.
5. Over the next 18 months, at the local level, officers will remain committed to the delivery of each respective territorial authority WMMP Action Plan. At the regional-level, there will also be a continued commitment to the establishment of a new Waste Operator and Facility Licensing System, and the associated implementation of the National Waste Data Framework.
6. Alongside this work, territorial authorities are progressing a range of work initiatives that seek to investigate, and if feasible, to develop or extend the resource recovery network within the region. While territorial authorities have already made significant progress to advance this action, in 2022 the next phase of this work will extend into the investigation of food waste collection and processing technology options and end markets, which will include the consideration of community-based composting and technology-based processors.

7. In the second half of 2022, officers will also enter the review phase for the WMMP.
8. In accordance with legislative requirements, the first step in the review of WMMP will involve the completion of a Regional Waste Assessment.
9. A key issue for this Waste Assessment will be forming a clear picture of waste flows and management options in the region. The Waste Assessment will also set out the information necessary to identify the key issues and priority actions to be included and addressed within in the next WMMP.
10. In 2023, the regional focus will subsequently shift to finalising the scope of the next WMMP/s. It is also noted that, subject to the scope of the next WMMP, the 2023/2024 Annual Plan and 2024/2025 Long Term Plan processes will be critical for securing the necessary financial support necessary for WMMP implementation.

## **Takenga mai**

### **Background**

11. The Waste Minimisation Act 2008 (the Act) outlines the responsibilities of territorial authorities in relation to waste management and minimisation. Section 42 of the Act requires territorial authorities to promote effective and efficient waste management and minimisation within its district.
12. For the purposes of Section 42, territorial authorities must adopt a waste management and minimisation plan that includes objectives and policies, and methods for achieving effective and efficient waste management and minimisation, how implementation will be funded, and if a territorial authority wishes to make any grants or advances of money, the framework for doing so.
13. In November 2017, the eight Councils of the Wellington Region adopted the Regional WMMP. This plan sets the primary waste reduction target, to reduce the amount of waste being sent to Class 1 landfills by a third by 2026.
14. In order to achieve this target, the WMMP sets out a suite of local and regional-level actions that have been agreed by the eight territorial authorities of the Wellington Region. In September 2020, the Joint WMMP Committee prioritised these regional actions in the order of regional significance, as follows:
  - i. R.R.1: The development and implementation of a regional waste bylaw, or suite of regionally consistent district level bylaws.
  - i. R.D1: Implement the National Waste Data Framework.
  - ii. R.IN.1: Investigating, and if feasible, developing (or extending) the resource recovery network within the region.
  - iii. R.LM3: Councils will work collaboratively to undertake research and actions to advance solutions to waste management issues.
  - iv. R.LM4: The councils of the Wellington Region will work together to lobby for product stewardship.
  - v. R.E.1: Deliver enhanced regional engagement, communications and education.
  - vi. R.C.1: Facilitate local councils to determine and where feasible, implement optimised kerbside systems that maximise diversion and are cost

- efficient.
- vii. R.LM.5: Develop resilient waste management systems.
  - viii. R.IN.2: Collaborate on options to use biosolids beneficially.
  - ix. R.LM.1: Promote, investigate, and where appropriate cost effective, support the establishment of shared governance and service delivery arrangements.
  - x. R.LM.2: Fund regional resources for the implementation of the Waste Management and Minimisation Plan.
15. The following discussion provides an overview on the progress made towards the implementation of these regional actions, and additionally sets out the scope of WMMP-related work over the next 18 months.

## **Kōrerorero**

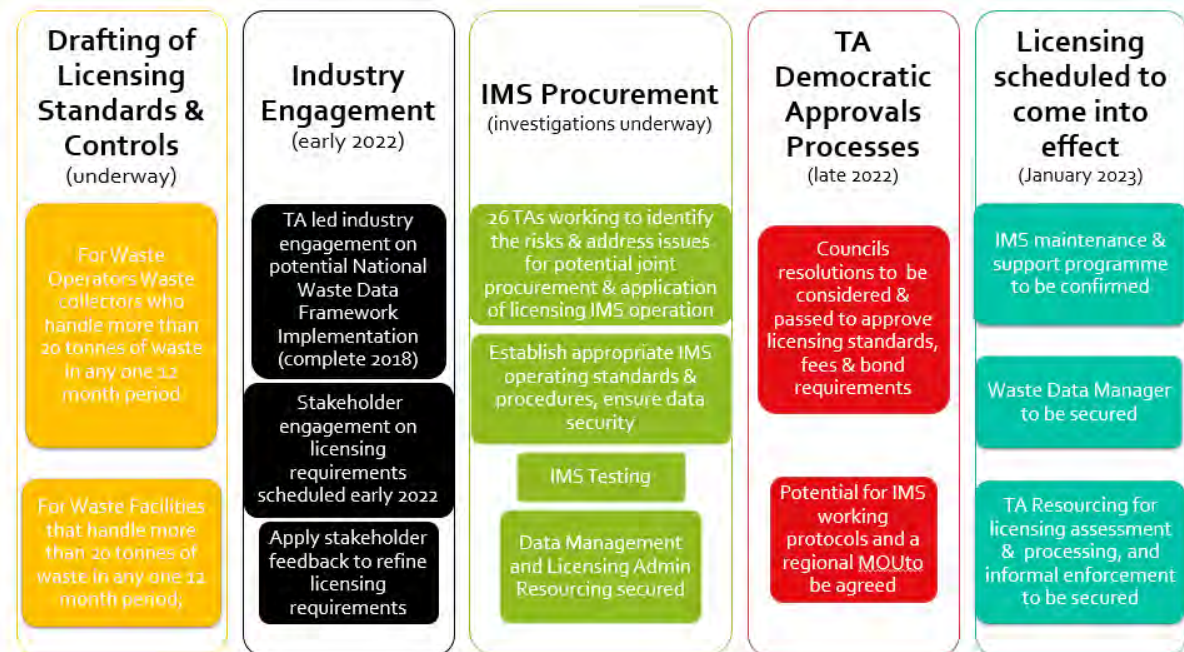
### **Discussion**

16. As signalled above, the Councils of the Wellington Region are currently progressing a range of local and regional actions to support the reduction of regional waste. Both at the local and regional level, actions broadly encompass regulatory and infrastructure considerations, as well as initiatives related to optimising service provision, engagement, and leadership and management.
17. At the local level, each Council has a detailed WMMP Action Plan, which informs and gives context to the implementation of higher-level regional WMMP actions. For this reason, regional actions can be progressed via the implementation of local territorial authority action plans, and may be consequently impacted by local territorial authority decision-making, and operational and funding decisions.
18. Ongoing progress is currently being made by each territorial authority to advance their individual WMMP Action Plan, and a range of successful projects have recently been advanced and/or completed, including:
- Expansion of Recycling Stations into rural and public spaces across the Wairarapa
  - Kerbside service efficiency and diversion optimisation across Lower Hutt
  - Targeted commitment and resourcing being provided to support commercial-level waste minimisation within Porirua City
  - Provision of new battery recycling service provision within Upper Hutt
  - Effective promotion of behaviour change initiatives that support the uptake of food waste diversion across the Kāpiti Coast.
  - Establishment of regulatory guidance to support the implementation of the new Solid Waste Management and Minimisation Bylaw requirements to improve waste storage and servicing provision in new Multi-Unit Developments in Wellington City.
19. For a comprehensive overview of the progress that has been made on the delivery of each individual territorial authority WMMP Action Plan see **Attachment 1**.

### ***Regional WMMP Action Progress Update***

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20. The following provides an implementation status update for each regional action contained in the WMMP.
- **Development and implementation of a suite of regionally consistent district bylaw provisions:** This action is now complete.
21. Between 2018-2020, the eight Councils of the Wellington Region worked collaboratively to develop a suite of consistent bylaw provisions to support effective and efficient waste management and minimisation across the Wellington Region. Our Councils gave effect to these bylaws in late 2020/early 2021.
22. These bylaws were significant as they introduced regulatory requirements to consider waste minimisation in a range of instances, and created a regulatory platform necessary for the future implementation of waste operator licensing.
- **Implement the National Waste Data Framework:** This action remains in progress.
23. As agreed by the Joint Committee in September 2020, the implementation of the National Waste Data Framework is recognised as a WMMP implementation priority for the region.
24. The current lack of waste data in New Zealand currently hampers the ability of councils to plan appropriate activities to improve waste management and minimisation. For this reason, the Councils of the Wellington Region have made a commitment to implement the National Waste Data Framework through the establishment of Waste Operator and Facility Licensing.
25. Currently, the 8 Councils of the Wellington Region are progressing a regionally-connected approach to waste operator licensing. Our goal is to establish a system of licensing that will retain the decision-making autonomy of each Council whilst providing for a streamlined approach to licensing application and approval.
26. Such an approach has the potential to benefit waste operators within the Wellington Region by reducing the need to apply for separate and multiple licensing approvals across different territorial authority jurisdictions.
27. The key dimensions to the Waste Operator Licensing project are outlined for the Joint Committee's information in Diagram 1.
28. As indicated within Diagram 1, the development of draft licensing standards is currently underway, and officers are working towards a process of waste sector industry engagement early next year.
29. Diagram 1: **Regional Waste Operator Licensing Project Overview**

**WELLINGTON REGION WASTE  
MANAGEMENT AND MINIMISATION PLAN  
JOINT COMMITTEE  
6 DECEMBER 2021**



30. Following the procurement of an appropriate Information Management System to facilitate regional waste operator and facility licensing, and the establishment of the relevant Council resolutions necessary to give effect to licensing, waste operator licensing is proposed to come into effect in January 2023.

- **Investigating, and if feasible, developing (or extending) the resource recovery network within the region: This regional action is currently being advanced at the territorial authority level.**

31. The Councils of the Wellington Region are currently implementing or planning a range of territorial authority projects that either explore the feasibility of advancing, or advance the capacity or extent of resource recovery network within the Wellington Region.

32. In summary these projects include:

- **Kapiti Community timber initiative:** Zero Waste Ōtaki Trust has been supported by Kāpiti Coast District Council to establish a community timber diversion initiative. Since January 2021, this project has resulted in the diversion of approximately 25 tonnes of timber away from landfill.
- **Redevelopment planning for the Otaihanga Resource Recovery Park:** Kāpiti Coast District Council is planning to redevelop the Otaihanga Resource Recovery Park to provide a greater range of material diversion options for the public. This will involve a design project in 2021/22, followed by construction in 2022/23. To support this, the Council has approved the purpose of the Otaihanga site as a Resource Recovery precinct. This means site use can transition across the long term to supporting and enabling waste minimisation/resource recovery activities.
- **Community Recycling Station Extension in Upper Hutt:** Upper Hutt Council has recently expanded the existing community recycling stations, to provide increased recycling capacity for the community. Ongoing expansion plans are also underway for this facility.

- **Community Composting and Collection Planning in Upper Hutt:** As a continuation of community engagement and resilience, Upper Hutt City Council are planning to expand composting and worm farms at community farms/gardens in 2022.
  - **Porirua Resource Recovery Park:** In 2022, the first stage of a business case for a Resource Recovery Park was developed and first thoughts were presented to councillors. Within the next 18 months, Porirua City Council intends to progress business case development to consider options for scope, intended waste streams and timing for developing facilities. An initial proposal was to focus on Construction and Demolition Waste first, then expand to organic waste as a second phase. However, Council has voted a Climate Change budget in the current Long-term Plan and a portion of this is intended to accelerate organic waste diversion options.
  - **Hutt City Resource Recovery Park Investigations and Procurement:** Hutt City Council has commenced a process to procure an operator of Silverstream landfill and a yet to be established resource recovery park (including the potential for suppliers to co-invest in the development of a resource recovery park in Lower Hutt).
  - **Hazardous Waste drop-off at Silverstream transfer station:** Hutt City Council has upgraded its hazardous waste drop-off facility at Silverstream landfill, where residents can now drop-off household quantities of hazardous waste all year round. This facility has been operational since 15 Nov 2021.
  - **Expansion of Recycling Stations in rural and public spaces within the Wairarapa:** Waste and Recycling Stations have recently been installed across South Wairarapa towns. Gladstone Reserve included a composting toilet and recycling station. There are now six sets of 3-bin waste stations situated throughout South Wairarapa and Carterton. This also included a 40ft recycling shipping container at rural Hinakura.
  - **Wellington City Resource Recovery Investigations:** Wellington City Council have recently initiated a project that is intended to integrate and improve understanding of regional resource recovery planning and demand considerations, and implications, through a process of catchment mapping. Once completed, Wellington City Council will assessment the feasibility of a community resource recovery facility expansion and/or development within Wellington City.
  - **Wellington Region Organic Waste collections and processing options investigations:** Wellington City Council and Hutt City Council are planning an investigation into organic collection and processing technology options and end markets, including community-based composting and technology-based processors in 2022/23. This work will be advanced collaboratively with the Councils of the Wellington Region and will apply a regional lens.
33. In summary, the resource recovery-related projects above highlight the ongoing progress being made by territorial authorities to investigate, and expand, the Region's resource recovery network.
34. It is also noted that regional resource recovery catchment mapping being progressed by WCC will provide an enhanced regional understanding of resource recovery service provision. This work will be completed in early 2022.

- **Councils will work collaboratively to undertake research and actions to advance solutions to waste management issues:** This work remains ongoing.
35. Regional and/or joint-council collaboration is, and will continue, to be undertaken as part of TA business as usual practice. Currently, the primary key collaboration projects include:
- The establishment of Regional Waste Operator Licensing and the implementation of the National Waste Data Framework (8 Councils)
  - The establishment of a regionally consistent multi-unit development storage space calculator to support the implementation of new waste storage space planning Bylaw provisions (5 Councils).
  - The establishment of regional event waste planning templates to support event managers (8 Councils)
  - Investigations into the chain of custody of collected recycling materials (3 Councils)
  - Planning for improved construction and demolition waste resource recovery (3 Councils)
- **The councils of the Wellington Region will work together to lobby for product stewardship:** This work remains ongoing.
36. This is and will continue to be undertaken as part of territorial authority business as usual practice. To date, this work has included Ruth Clarke (Kapiti Coast District Council) representing all territorial authorities on the e-waste product stewardship working group. The primary focus of this group was to develop a framework for advancing e-waste product stewardship in New Zealand.
- **Deliver enhanced regional engagement, communications and education:** This work remains ongoing.
37. Over the past 6 months, the Wellington Region Waste Educators Group have successfully advanced regionally consistent forms of event waste planning guidance and education through the development of a regional event waste planning template. The Educators Group have also worked collaboratively to promote and increase funding for the Para Kore waste education programme, which supports growing the capacity and capability of whānau, hapū, iwi, marae, kōhanga reo, kura, wānanga, and community organisations.
38. It is noted, however, that the Region's ability to deliver enhanced regional engagement remains subject to local operational decision-making and available resourcing at the territorial authority level.
39. Where regional governance and direction is required with respect to the delivery of regional engagement, the Waste Educators Group will work with WMMP Steering Group representatives to engage the Joint WMMP Committee.
- **Facilitate local councils to determine and where feasible, implement optimised kerbside systems that maximise diversion and are cost efficient:** This regional action is being advanced at the territorial authority level.
40. The optimisation of kerbside collection systems is a regional action that, in practice, can only be advanced at the district/city level.
41. Since the implementation of the current WMMP in 2017, the Wairarapa Councils have completed a kerbside service review optimisation process, as has Hutt City Council.
42. Within Lower Hutt, the 2021 kerbside service review resulted in the establishment of a rates-funded system for 40,000 Lower Hutt households. This new service also includes

an 'opt-in' green waste bin service for residents. The first 3 months green waste collection data suggests that the new service will result in the diversion of 1,200 tonnes of additional green waste material away from landfill within the first year.

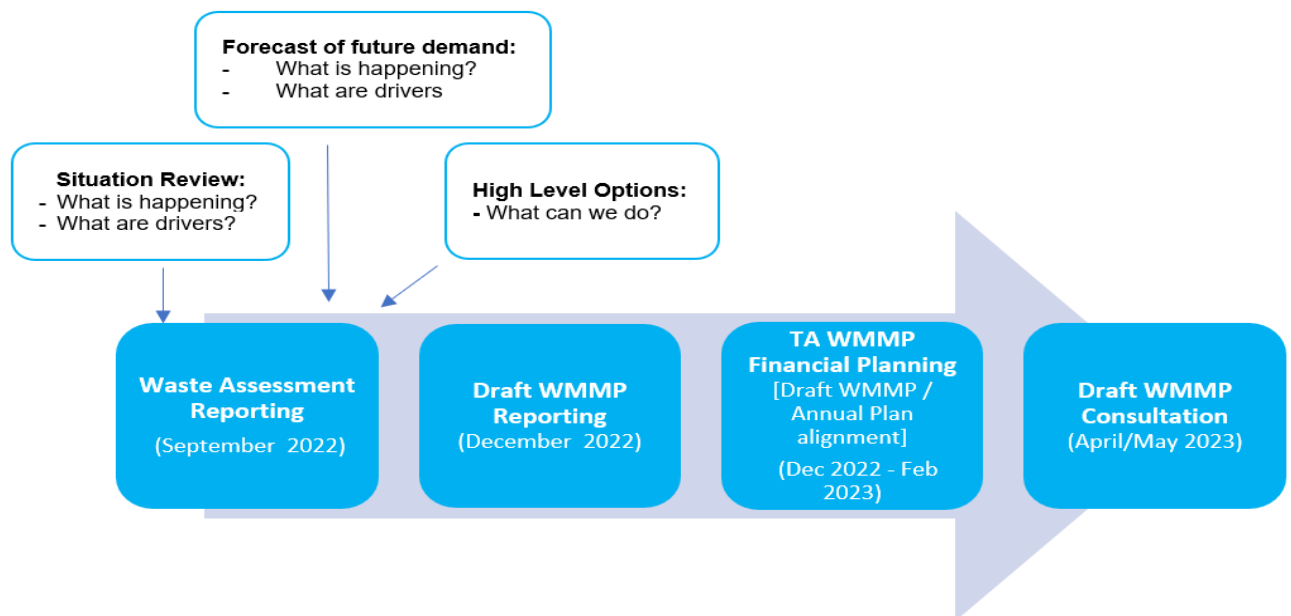
43. It is also noted the Wellington City Council kerbside waste service review is currently underway. Councillors will be presented with a range of kerbside waste service review options for consideration in early 2022.
- **Develop resilient waste management systems:** This work remains ongoing.
44. Currently the Wellington Region Emergency Management Office and the Regional Council are progressing work to improve the resilience of our waste management systems and service provision in emergency situations. This work is supported by territorial authorities.
- **Collaborating on options to use biosolids beneficially:** This work remains ongoing.
45. Collaborating on options to use biosolids beneficially has been advanced at the TA level (i.e. By Kāpiti Coast Council and Masterton via the Lower North Island Collective Biosolids Strategy; and Porirua City Council, Wellington City Council, Hutt City Council and Upper Hutt City Council via Wellington Water).
- **Shared governance and service delivery:** Not yet progressed.
46. A strategy for promoting and investigating shared waste management governance and service delivery is yet to be developed. However, in accordance with section 17a of the Local Government Act, territorial authorities have an obligation to periodically review the cost-effectiveness of current arrangements for meeting the needs of communities within its district or region for good-quality local infrastructure, local public services, and performance of regulatory functions. Such a review must be undertaken in conjunction with consideration of any significant change to relevant service levels; within 2 years before the expiry of any contract or other binding agreement relating to the delivery of that infrastructure, service, or regulatory function; and at a minimum every 6 years.
- **Resourcing for Regional Actions:** This work remains ongoing.
47. Currently all operational funding to support resourcing for regional actions has been allocated to enable the delivery of the Regional Waste Operator and Facility Licensing and Waste Data Implementation project.

### ***Waste Management & Minimisation Planning for 2022/23***

48. The existing WMMP will be due for review in November 2023.
49. Over the next 18 months, at the local level, officers will remain committed to the delivery of each respective territorial authority WMMP Action Plan. At the regional-level, there will be a continued commitment to the establishment of waste operator and facility licensing and advancement of the implementation of the National Waste Data Framework in January 2023.
50. Alongside this work, the secondary regional priority is to investigate, and if feasible, to develop or extend the resource recovery network within the region. While territorial authorities have already made significant progress to advance this action, in 2022 the next phase of this work will extend into the investigation of food waste collection and processing technology options and end markets, which will include the consideration of community-based composting and technology-based processors.



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51. In the second half of 2022, officers will also enter the review phase for the WMMP.
52. In line with section 51 of the Waste Minimisation Act (2002), completion of a Waste Assessment is the initial step of the review of the existing WMMP.
53. As mandated by the Waste Minimisation Act, a Waste Assessment must include:
- A description of the collection, recycling, recovery, treatment, and disposal services provided within the territorial authority's district
  - A forecast of future demands
  - A statement of options
  - A statement of the territorial authority's intended role in meeting demands
  - A statement of the territorial authority's proposals for meeting the forecast demands
  - A statement about the extent to which the proposals will protect public health, and promote effective and efficient waste management and minimisation
54. As well as fulfilling the statutory requirements of the Waste Minimisation Act, the Waste Assessment will provide a foundation that will enable the Councils to update their WMMP in an informed and effective manner.
55. A key issue for this Waste Assessment will be forming a clear picture of waste flows and management options in the region. The Waste Assessment will also set out the information necessary to identify the key issues and priority actions that will need to be included and addressed within the next WMMP in 2023.
56. The completion of the Waste Assessment will also enable the Council to review the existing waste reduction targets for the region and inform the revision of any future waste reduction targets.
57. Officers will report back to the Joint Committee with a new Waste Assessment on 5<sup>th</sup> September 2022. As signalled in Diagram 2, this will be followed by reporting back on preliminary draft action plan provisions for a revised WMMP in December 2022.
58. In 2023, the regional focus will subsequently shift to finalising the scope of the next WMMP/s. As the decision-making authority for the WMMP development and planning process resides at the territorial authority level, this will necessarily involve 8 separate territorial authority consultation processes being undertaken in accordance with the Local Government Act 2002.
59. It is also noted that the 2023/2024 Annual Plan and 2024/25 Long Term Plan processes will be important for Councils in securing any financial support necessary to support the implementation of the next WMMP/s.
60. Diagram 2: **Potential Regional WMMP Review Process Overview**



## Ngā mahinga e whai ake nei

### Next actions

61. The Joint Committee is asked to note the progress being made to advance the regional priorities for WMMP implementation.
62. It also noted that all officer resourcing available to support the implementation of regional actions is currently channelled towards the delivery of a new Regional Waste Operator and Facility Licensing System, and the associated implementation of the National Waste Data Framework. This is due to the significance of and need for up-to-date waste data, and potential benefit of this data for territorial authority decision making.
63. In accordance with our Solid Waste Management and Minimisation Bylaws, waste operator licensing is scheduled to come into effect in January 2023.
64. In parallel to this work, officers have also made progress in investigating, and where appropriate, advancing the expansion of the Region's network of resource recovery facilities. While this work is being undertaken at the territorial authority-level, in 2022 Wellington City Council intend to undertake regional resource recovery catchment mapping in order to establish an integrated picture for resource recovery network planning for the Wellington Region.
65. The Joint Committee are advised that in early 2022, two Joint Committee workshop presentations are proposed. The suggested focus of these workshops remains under consideration.

### Attachments

Attachment 1. Territorial Authority WMMP Action Plan Update [↓](#) 

Page 19

Attachment 1:

**Regional WMMP (2017-2023)  
Territorial Authority Action Plan Update  
(December 2021)**

**Waste Management and Minimisation Plan (2017-2023)  
Wellington City Council Action Plan Update**

**Successes**

The following successes & achievements are noted for the period December 2020 to December 2021 based on local Council Action Plan in the WMMP.

- **Multi-Unit Development Planning:** The development of Regulatory Guidance to provide developers clarity on expectations and requirements relating to Multi-Unit Development Waste Storage and Servicing Planning in Wellington City in accordance with the Solid Waste Management and Minimisation Bylaw.
- **Household Food Waste Diversion Trial:** Successful implementation of the Para Kai Food Waste Diversion Trial on the Miramar Peninsula. This involved 450 households trialling a range of on-site food waste diversion options, including composting, worm farm and bokashi systems, and involved 500 households trialling kerbside food waste collection. The results from this trial will be reported to the Council in early 2022.
- **Zero Waste Education for Schools:** Introduction of the Zero Waste Education programme to schools in Wellington City. Guided by a dedicated WCC educator, children learn about sustainable resource use through reducing, reusing, recycling, and composting. It empowers tamariki and rangatahi to make decisions which can reduce waste at school and home and to educate others by sharing their knowledge.
- **Increased Community Interest & Engagement with Waste Education:** Despite Covid, there has been a measurable rise in participation in landfill tours, and educational sessions in schools and workplaces. There has been greater focus on working in the online space as a useful way to reach wider audiences, and we have seen increased public engagement with targeted behaviour change campaigns such as Plastic Free July.
- **Waste Minimisation Roadmap:** The Council has undertaken a critical review of their WMMP Action Plan, resulting in the development of a (draft) Waste Minimisation Roadmap. This Roadmap will inform the development of the next WCC WMMP Action Plan in 2023.

**Deferred Projects**

The following WMMP projects have been put on hold or ceased within the past year.

- **Completion of the Wellington City Public Place Recycling Trial:** This trial ceased in mid-July 2022. Due to the limited effectiveness and relatively high cost of public place recycling provision, the trial did not eventuate in any permanent public place recycling service. As context, the trial diverted 36 tonnes of recycling out of the landfill each year and cost \$6,500 per tonne to divert. In comparison, kerbside recycling collection cost approximately \$650 per tonne to

divert and diverts around 11,200 tonnes of recycling away from landfill.

#### **Projects Commencement**

The following new TA projects are planned to commence within the next 18 months.

- **Wellington City Kerbside Waste Service Review:** A review of household kerbside waste servicing, and commercial kerbside servicing within the CBD, is currently underway. Findings from this review will be reported to Council in February 2022.
- **Internal Council Waste Minimisation:** A waste audit is scheduled for Tahiri in early 2022 (subject to Level 1 or equivalent Covid Alert status), which will inform the development of a targeted behaviour change campaign for Council staff.
- **Landfill Capacity Review:** Wellington City Council will invite Hutt City Council and Porirua City Council to discuss the matter of landfill capacity and regional-level landfill closure. This request for dialogue will be in line with the Council's agreed action, to "work in collaboration with other councils to review landfill capacity with potential for closure of one landfill regionally, in the future."
- **Resource Recovery Investigations:** Assessment of the feasibility of a community resource recovery facility and/or expansion of existing facilities supported by a review of available Council infrastructure and catchment mapping is scheduled for 2022/2023.
- **Organic Waste Processing Options Investigations:** Investigation into organic processing technology options and end markets, including community-based composting and technology-based processors is scheduled for 2022/23.
- **Organics Diversion grant funding:** Additional levy funding has been allocated to the waste minimisation grant fund. This fund awards \$100,000 per annum for three years to projects focussing on organics diversion. The first round will be awarded in May 2022.

#### **Future**

The following TA WMMP projects are yet to be advanced or are not proposed to be advanced within the next 18 months.

- **Waste Education Centre:** The research and development of options for the establishment of a waste education facility at the Southern Landfill (or elsewhere) is not proposed within the next 18 months. However, the Council is currently advancing waste education through a suite of initiatives, including landfill waste education tours and by working in schools.

**Conclusion**

The following proposed outcomes are sought from the WMMP implementation programme over the next 18 months.

- **A new Domestic Battery Recycling Service:** In late 2021, the Council will be introducing a new battery recycling service. Community members will be able to drop-off their domestic/household batteries at a range of Community Centres and Public Libraries around Wellington City, including Kilbirnie Library, Newlands Community Centre, Island Bay Community Centre, Tawa Library, Karori Library, Te Awe Library (CBD) and the Tip Shop at the Southern Landfill.
- **A better understanding of community kerbside waste service preferences:** As a result of community engagement planned for 2022, the Council will establish an increased level of understanding of community kerbside waste service level preferences and willingness to pay for varying kerbside waste service options.
- **New Controls and Licensing requirements for waste service operators:** New standards and licensing requirements for waste service facilities and operators will come into place in January 2023.
- **Contextual Understanding of our Food Waste Processing Options:** In 2022, the Council will consider the potential role and appropriateness of a range of organic waste processing technologies for Wellington City.

**Waste Management and Minimisation Plan (2017-2023)  
Kāpiti Coast District Council Action Plan Update**

**Successes**

The following successes & achievements are noted for the period December 2020 to December 2021 based on local Council Action Plan in the WMMP.

- **Food waste diversion:** The Kāpiti Coast District Council Love your Compost campaign was launched to focus on behaviour change at the household level. This has generated high community interest with 269 attendees over 15 workshops and 361 \$40 subsidy vouchers issued between the launch in May 2021 and through to November 2021.
- **Community timber initiative:** Zero Waste Ōtaki Trust has been supported by Council with a site lease at a nominal fee and the donation of two 20' containers and site work at Council cost. The activity is now well established in the community with about 25 tonnes of timber diverted since 1 January 2021, and the Trust winning in 2 categories in the Wellington Airport Regional awards
- **Waste licensing:** The 5-yearly review of licences is underway, and a new application template has been issued for waste collectors licensing. Several new licensees have been identified. Collection zones have been extended in 4 areas and the new licences will include a condition to allow for change based on the regional licensing work and implementation.
- **Multi-Unit Development Planning:** Kāpiti has supported the development of the waste calculator and plans as part of the requirements relating to Multi-Unit Development Waste Storage and Servicing Planning in Kāpiti Coast District Council in accordance with the Solid Waste Management and Minimisation Bylaw.
- **Zero Waste Education Programme in Schools:** The programme was delivered to 534 students across 5 schools from Years 1 to 8 from December 2020 to December 2021. The units delivered included Litterless Lunchboxes, Reduce, Recycling, Composting and Resource Sustainability.

**Deferred Projects**

The following WMMP projects have been put on hold or ceased within the past year.

- **Regional communications:** The regional Waste Sort website has not been progressed; however, Council staff are reviewing options to progress the One Planet website, which was previously supported by the region, using a software-as-a-service model, and adding mapping functionality. Addition of localised content will be incorporated. All councils will be invited to participate as subscription members to support this website.

**Projects Commencement**

The following new TA projects are planned to commence within the next 18 months.

- **Resource Recovery Facility:** Planning is underway for the redevelopment of the Otaihanga Resource Recovery Park to provide a greater range of material diversion options for the public. This will involve a design project in 2021/22 followed by construction in 2022/23. To support this, Council approved the purpose of the Otaihanga site as a Resource Recovery precinct. This means site use can transition across the long term to supporting and enabling waste minimisation/resource recovery activities.
- **Waste Levy Grant Initiatives:** Many projects will commence over the next year following waste levy grants approval of funding in November with 12 of these focussed on food waste.
- **C&D (Construction & Demolition) focus:** Sub-groups have been set up to facilitate conversations with the sector on clean fill materials and building materials. Regional waste officers have also been invited to attend these to build cross-sector networks. In the next 18 months, engagement will take place with stakeholders to set the threshold requiring development of a waste minimisation plan for construction.

#### **Future**

The following TA WMMP projects are yet to be advanced or are not proposed to be advanced within the next 18 months.

- **Effluent waste:** No work has started on IN.5 Effluent Waste. Kāpiti biosolids continue to be dried and disposed of at Silverstream Landfill. Discussions and work will be restarted when review of the Biosolids Strategy is restarted – this requires significant Iwi consultation.
- **Council activities:** Work to embed waste minimisation into Council activities has started at a practical level, such as advising on waste minimisation at several building sites, however, work to embed formally into processes is to be progressed.

#### **Conclusion**

The following proposed outcomes are sought from the WMMP implementation programme over the next 18 months.

- Events managers will be required to submit event waste management applications pending final linking of internal documents. All other planning is completed, and resources are in place.
- Completion of the improved Resource Recovery Facility at Otaihanga during the 2022/23 FY.
- Increased engagement with the community through talks/tours and monitoring and support of waste levy projects with the additional 0.5FTE in place.
- Continuing community action on food waste diversion through ongoing promotion of Love your Compost and waste levy funding.
- Battery recycling will be investigated.
- Continuing engagement with all sectors on C&D opportunities.



**WELLINGTON REGION WASTE  
MANAGEMENT AND MINIMISATION PLAN  
JOINT COMMITTEE  
6 DECEMBER 2021**

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**Waste Management and Minimisation Plan (2017-2023)  
Upper Hutt District Council Action Plan Update**

**Successes**

The following successes & achievements are noted for the period December 2020 to December 2021 based on local Council Action Plan in the WMMP.

- **Battery Recycling Collection:** In August, six collection points were set up at a mix of box retail and boutique retail outlets. A system of pre-paid collection buckets is being used to minimise Council's handling of batteries and maximise convenience for the participating stores.
- **Expansion of capacity at Community Recycling Station:** Two 40ft Recycling Containers were put into service to increase the capacity of the Recycling Station.
- **Recycling Bins in public spaces:** Waste Stations were installed into the newly redeveloped Maidstone Max upgrade, with the support of the Packaging Forum. There are now four sets of 3-bin waste stations situated throughout the complex.
- **NGO's waste minimisation support:** Support was given to several Early Childhood Education Centres through our Environment and Waste Minimisation grant. In addition to this, funding was provided to Keep the Hutt Valley Beautiful and the Upper Hutt Repair Café to engage with and provide their services to the Community. Both have had great success in engaging with the community, which is evident in the response from the wider community.
- **Community capability and resilience:** Engagement with community groups to attend a soil regeneration course for urban farms has been of great benefit for community gardens/farms wanting to understand how to best develop and serve their respective groups. Council has since moved its worm farms to a community group who are expanding to collect food waste from around the city.

**Deferred Projects**

The following WMMP projects have been put on hold or ceased within the past year.

- **Hazardous Waste Collection Event:** This event, run annually in conjunction with Hutt City recently, has now been stopped due to the establishment of a permanent site at the Hutt City Silverstream Landfill.

**Projects Commencement**

The following new TA projects are planned to commence within the next 18 months.

**WELLINGTON REGION WASTE  
MANAGEMENT AND MINIMISATION PLAN  
JOINT COMMITTEE  
6 DECEMBER 2021**

- **Community Composting and collection:** As a continuation of community engagement and resilience, a plan to expand composting and worm farms at community farms/gardens is set for the next year.
- **Events trailer for Waste Minimisation at large community events:** As part of implementing the Events provision in the SWMM Bylaw, an events trailer will be on offer to assist in the requirement to measure and minimise waste at large events.
- **Recycling Bay Expansion at Community Recycling Station:** A proposal to expand the Recycling Station to include a 4<sup>th</sup> Bay will help in meeting the demand for Recyclable material to be collected and transported.
- **Waste Minimisation education campaign:** The Recycling Education campaign has been expanded to include the whole Waste Hierarchy, the expansion of the project has required a much larger scope, stakeholder engagement and a broader communications strategy.
- **Main Street recycling bins development:** This project is reliant on the overall project commencement date and was deferred for this year but is anticipated to start within the next 18 months.
- **Hazardous Waste Collection:** Hutt City’s upgrade to their hazardous waste collection area at the Silverstream landfill is scheduled to start in November 2021 which will mean people will have ongoing access to this service.

**Future**

The following TA WMMP projects are yet to be advanced or are not proposed to be advanced within the next 18 months.

N/A

**Conclusion**

The following proposed outcomes are sought from the WMMP implementation programme over the next 18 months.

The current work plan and proposed project will aim to bring together the great work already underway in the community and provide ongoing support to the key community groups already engaged in this space. The projects are designed to help facilitate the growing demand for Waste Minimisation in the Upper Hutt Community and plug gaps identified in the Waste Hierarchy such as food waste collection systems and hard-to-recycle hazardous products like batteries. The proposed Waste Minimisation Education strategy and campaign will help the wider community understand Waste Minimisation more broadly as well as recycling.

**Waste Management and Minimisation Plan (2017-2023)  
Porirua City Council Action Plan Update**

**Successes**

The following successes & achievements are noted for the period December 2020 to December 2021 based on local Council Action Plan in the WMMP.

- **Staffing capacity:** A new Commercial Waste Minimisation officer has been appointed and will focus on working with businesses in Porirua, helping them to address waste minimisation in their workplaces.
- **Recycling promotion:** The Pasifika Youth Vaccination at Cannons Creek was a good opportunity to promote recycling with our target audience. Many residents commented that they had already received the leaflet in their letterbox which is encouraging. A video titled “Recycling - What goes in and what stays out!” has also been created and is viewable on PCC’s webpage and social media. <https://www.youtube.com/channel/UC27QGIH0mzqUf8DHiBP-mDQ>. PCC also supported WasteMINZ “Rinse Recycling Repeat” campaign.

**Deferred Projects**

The following WMMP projects have been put on hold or ceased within the past year.

- **Issues:** No projects have been deferred or put on hold but the kerbside recycling collection is experiencing contamination issues and is addressed below.  
**Kerbside Recycling Contamination:** The kerbside recycling collection has been experiencing high levels of contamination. Currently all recycling collected on Tuesday is rejected outright and goes straight to landfill. Of the remaining days, the Monday collection is also becoming significantly contaminated.  
In response PCC has carried out a major recycling awareness campaign. Leaflets have been dropped to every household clearly advising what may and may not be put into both our mixed recycling and glass recycling bins. For the Tuesday run a simplified version was created and translated in 9 Pacific languages and Te Reo. PCC staff are working with Kainga Ora and Te Ahuru Mowai to ensure those in rental accommodation are aware of recycling

requirements.
<p><b>Projects Commencement</b></p> <p>The following new TA projects are planned to commence within the next 18 months.</p> <ul style="list-style-type: none"> <li> <p><b>Kerbside Collection “3 Strikes” Process development:</b> We are conscious that good education can only go so far. To make sure we have the ability to simply reject heavily contaminated recycling, PCC’s new Waste Management and Minimisation Blyaw allows council to withdraw service to households frequently misusing recycling bins.</p> <p>PCC is now working through design of a means of allowing a recycling bin to be removed from a property under a “3 strikes” process as used by a number of other councils nationwide. The process will require “Recycling Ambassadors” to inspect bins ahead of the collection truck and issue 1st, 2nd and 3rd stickers on bins. A 3rd sticker will allow the bin to be withdrawn. The timeline for commencement is 1 February 2022.</p> </li> <li> <p><b>Recycling campaign:</b> We are developing plans for a Christmas Recycling campaign. The aim is to highlight what can and can’t be recycled at Christmas particularly with those areas of confusion over wrapping paper and plastic packaging. This will be through an engaging, fun, in-person pop-up event encouraging the public to take part in a competition of “what’s in and what’s out” with the opportunity to win prizes. This will be supported with social media reminders in the run up to Christmas.</p> </li> <li> <p><b>Resource Recovery Park:</b> The initial business case for a Resource Recovery Park has been developed and first thoughts presented to councillors. The next steps are to consider options for scope, intended waste streams and timing for developing facilities. An early proposal was to focus on Construction and Demolition waste first, and then expand to organic waste as a second phase. However, Council has voted a Climate Change budget in the current Long-term Plan and a portion of this is intended to accelerate organic waste diversion options.</p> </li> </ul>
<p><b>Future</b></p> <p>The following TA WMMP projects are yet to be advanced or are not proposed to be advanced within the next 18 months.</p>
N/A
<p><b>Conclusion</b></p> <p>The following proposed outcomes are sought from the WMMP implementation programme over the next 18 months.</p>

D.1: Implement Waste Data Framework

E.11: Support the reduction and diversion of organic waste

E.12: Work with local business to achieve waste minimisation

E.13: Support waste and recycling services and facilities with appropriate information

**Waste Management and Minimisation Plan (2017-2023)  
Hutt City Council Action Plan Update**

**Successes**

The following successes & achievements are noted for the period December 2020 to December 2021 based on local Council Action Plan in the WMMP.

- **Multi-Unit Development Planning:** The development of Regulatory Guidance to provide developers clarity on expectations and requirements relating to Multi-Unit Development Waste Storage and Servicing Planning in Wellington City in accordance with the Solid Waste Management and Minimisation Bylaw.
- **Kerbside bin service roll-out:** Council transitioned to a bin collection service which started on 1 July 2021. Previously Hutt City used bags for refuse and recycling collection. The new service is rates-funded for 40,000 Hutt City households. Residents can also opt-in to the council green waste bin service. The first 3 months' green waste collection data suggests we will be able to divert 1,200 tonnes this FY which would have otherwise ended up in landfill.
- **Hutt City Resource Recovery Park Investigations and Procurement:** Hutt City Council has commenced a process to procure an operator of Silverstream landfill and a yet to be established resource recovery park (including the potential for suppliers to co-invest in the development of a resource recovery park in Lower Hutt).
- **Hazardous Waste drop-off at Silverstream transfer station:** Hutt City Council has upgraded its hazardous waste drop-off facility at Silverstream landfill, where residents can now drop-off household quantities of hazardous waste all year round. This facility has been operational since 15 Nov 2021.
- **Silverstream landfill weighbridge systems upgrade:** To enable us to record better data for waste minimisation and affect diversion, council is upgrading the weighbridge system to build capability to charge vehicles by weight. This will incentivise customers to divert as they can save on disposal costs and will also be fairly charged for the amount they dispose of.
- **Green waste diversion from landfill:** From July 2021, Hutt City is diverting commercial green waste and sending it for composting. Based on the first quarter data, we will divert approximately 2,000 tonnes until 30 June 2022.

**Deferred Projects**

The following WMMP projects have been put on hold or ceased within the past year.

- **Hazardous Waste Collection Event:** This event, run annually in conjunction with Upper Hutt City recently, has now been stopped due to the establishment of a permanent site at the Hutt City Silverstream Landfill.

**Projects Commencement**

The following new TA projects are planned to commence within the next 18 months.

- **Kerbside & landfill SWAP (Solid Waste Analysis Protocol) analysis:** An audit is planned for early 2022 to understand composition of materials in kerbside receptacles and at the landfill.
- **Resource Recovery Investigations:** Assessment of the feasibility of a community resource recovery facility and/or expansion of existing facilities supported by a review of available Council infrastructure and catchment mapping is scheduled for 2022/2023.
- **Organic Waste collections and processing options investigations:** Investigation into organic collection and processing technology options and end markets, including community-based composting and technology-based processors is scheduled for 2022/23.

**Future**

The following TA WMMP projects are yet to be advanced or are not proposed to be advanced within the next 18 months.

N/A

**Conclusion**

The following proposed outcomes are sought from the WMMP implementation programme over the next 18 months.

- **New Controls and Licensing requirements for waste service operators:** New standards and licensing requirements for waste service facilities and operators will come into place in January 2023.
- **Contextual Understanding of our Food Waste Collection and Processing Options:** In 2022, the Council will consider the potential role and appropriateness of a range of organic waste collection and processing technologies.



**Waste Management and Minimisation Plan (2017-2023)  
Wairarapa District Councils Joint Action Plan Update**

**Successes**

The following successes & achievements are noted for the period December 2020 to December 2021 based on local Council Action Plan in the WMMP.

- **Bilingual Directional Signage:** Clear and consistent bilingual signage to show locations onsite to encourage and educate landfill diversion will be completed in 2021 at Masterton Transfer Station. This will extend to all Wairarapa Transfer Stations.
- **Expansion of Recycling Stations in rural and public spaces:** Waste and Recycling Stations were installed across South Wairarapa towns. Gladstone reserve included a composting toilet and recycling station. There are now six sets of 3-bin waste stations situated throughout South Wairarapa and Carterton. This also includes a 40ft recycling shipping container at rural Hinakura.
- **Zero Waste Education Programme in Schools:** Delivered to over 1,000 students and nine schools from year 0 to 8. The programme delivers a range of waste minimisation units from reduce, reuse to composting and natural resources, and waste audits.
- **Increased Community Interest and Engagement with Waste Education:** This collaboration has resulted in the founding of Wairarapa Environmental Education Forum (yet to be named) bringing more organisations together to deliver environmental education further developing relationships with Enviroschools, Parakore and Sustainability in Schools.

**Deferred Projects**

The following WMMP projects have been put on hold or ceased within the past year.

- **Battery Recycling Collection:** Collection of the same items as Upper Hutt Councils is on hold, requiring further investigation of locations and business participation. Implementation in 2022 will initially include but not be limited to Carterton.
- **Regional communications** The Regional Sort Waste website has not progressed. This is a valuable resource that with funding and further direction

<p>could be reintroduced.</p>
<p><b>Projects Commencement</b> The following new TA projects are planned to commence within the next 18 months.</p>
<ul style="list-style-type: none"> <li>• <b>Community Composting Workshops:</b> As a continuation of community engagement and resilience, it is anticipated to run bokashi workshops providing kits to encourage and educate on composting and reducing food waste.</li> <li>• <b>Events trailer for Waste Minimisation at large community events:</b> An events trailer will be considered as part of implementing the Events provision in the Solid Waste Minimisation and Management Bylaw. The events trailer could have the capacity for a wash station to encourage reusables, assisting in the requirement to measure and minimise waste at large events.</li> <li>• <b>DIY Garage Sale of Building Supplies:</b> This project will encourage waste minimisation at both residential and commercial building sites to minimise C&amp;D waste.</li> <li>• <b>Weighbridge at Carterton Transfer Station:</b> The application to the Ministry for the Environment for a second weighbridge to be installed is through to Stage 2 and will extend accurate data reporting.</li> </ul>
<p><b>Future</b> The following TA WMMP projects are yet to be advanced or are not proposed to be advanced within the next 18 months.</p>
<ul style="list-style-type: none"> <li>• <b>Feasibility Study:</b> It is proposed to investigate a feasibility study for a Resource Recovery Centre at Masterton Transfer Station (which is included in 2018 10-year Long Term Plan).</li> </ul>
<p><b>Conclusion</b> The following proposed outcomes are sought from the WMMP implementation programme over the next 18 months.</p>
<ul style="list-style-type: none"> <li>• Increased engagement with the community including businesses and events through presentations and support of waste minimisation within organisations.</li> <li>• Continuing community action around food waste through Love Food Hate Waste.</li> <li>• Further support with engagement within the C&amp;D sector.</li> </ul>