
Friday, 30 June 2023

He hui e whakahaeretia nei e Te Kaunihera ā-Rohe o Heretaunga

Administered by Hastings District Council

Ōmarunui Refuse Landfill Joint Committee Meeting

Kaupapataka

Agenda

Te Rā Hui:
Meeting date: **Friday, 30 June 2023**

Te Wā:
Time: **1.00pm**

Te Wāhi:
Venue: **Council Chamber
Ground Floor
Civic Administration Building
Lyndon Road East
Hastings**

Te Hoapā:
Contact: **Democracy and Governance Services
P: 06 871 5000 | E: democracy@hdc.govt.nz**

Te Āpiha Matua:
Responsible
Officer: **Waste & Data Services Manager - Martin Jarvis**

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ŌMARUNUI REFUSE LANDFILL JOINT COMMITTEE HEADS OF AGREEMENT – Terms of Reference

The Heads of Agreement for the Ōmarunui Refuse Landfill Joint Committee have been adopted by Council for the 2019-2022 Triennium and are incorporated into the Committee & Rural Community Board Register of Delegations.

1.	Parties	Hastings District Council and Napier City Council (the Councils)
2.	Nature of Relationship	A Joint Committee between the Councils who already own a property at Ōmarunui as tenants in common in the following shareholding percentages for refuse disposal purposes: Hastings District Council: 63.68% Napier City Council: 36.32%
3.	Objectives	To jointly develop and operate generally for the benefit of the Councils a refuse disposal facility (including any ancillary activities) in compliance with resource and regulatory consents.
4.	Participation of each Council	Each Council shall participate on the basis of the following shareholding percentage: Hastings District Council: 63.68% Napier City Council: 36.32% (subject to any specific provisions following)
5.	Joint Committee	
5.1	Omarunui Refuse Landfill Joint Committee (Joint Committee):	This Committee shall comprise four elected members of the Hastings District Council and two elected members of the Napier City Council or the alternates of those elected members and an alternate when acting in the place of an elected member shall be deemed to be an elected member. The functions of this Joint Committee shall be to determine policies to ensure the objectives are achieved and to monitor the implementation of those policies by obtaining reports from the Facility Manager or any other persons involved in the refuse disposal operation.
5.2	Administering Authority	The Hastings District Council shall be the Administering Authority. It shall provide technical, financial and secretarial services and shall be the employing authority for staff required in the administration and conduct of the refuse disposal operation. The Administering Authority shall make any information required by the Joint Committee available to that Committee.
6.	Joint Committee General Powers	<p>1.1 Subject to Clause 6.2 the general powers of the Joint Committee shall be:</p> <ul style="list-style-type: none"> a) Except as provided in Clause 6.3 all such powers as shall be necessary to develop and operate the refuse disposal facility in compliance with the resource and regulatory consents already obtained including, if necessary, the power to seek further resource and regulatory consents. b) To construct buildings, purchase and dispose of plant, equipment and materials. c) Arrange insurance cover to ensure that there is comprehensive insurance in respect of the establishment and operation of the refuse disposal facility. d) To indemnify any Council or Council representative acting on behalf of the Councils pursuant to this agreement in connection with the development or operation of the refuse disposal operation after the execution hereof. e) To fix and recover fees and charges payable by landfill users. f) The licensing of users. g) To recommend to the Councils the raising of loans. For the purpose of loan raising the 'Administering Authority' shall undertake all loan raising on behalf of the Councils. h) To enter into contracts within the estimates it being acknowledged by each of the Councils for the purposes of the Local Government Act 2002 that the Joint Committee shall be delegated power to enter into any contract limited to such an amount as may be fixed by the Councils from time to time unless the prior written approval of each Council shall have been obtained. i) To use any part of the Omarunui property not required for refuse disposal for any lawful purpose including leasing thereof. j) Such further specific powers as may be delegated to it as agreed by the Councils. <p>1.2 The Joint Committee shall operate within budgets approved by the Councils. In the event that over expenditure is anticipated or incurred the Joint Committee shall immediately report that fact to the Councils.</p> <p>1.3 The powers delegated to the Joint Committee shall not entitle that Committee to sell or otherwise dispose of on behalf of any Council any asset owned by that individual Council or to sell the Ōmarunui land or any other land administered by the Joint Committee for refuse disposal purposes.</p> <p>1.4 Subject to Clause 6.2 and 6.3 all decisions made by the Joint Committee pursuant to its delegated powers shall without confirmation of the Councils bind each of the Councils as if it had been done in the name of each Council.</p>
7.	Joint Committee Procedural Matters	<p>7.1 Each elected member or the alternate of such member shall have one vote.</p> <p>7.2 The elected members shall elect a Chair and Deputy Chair.</p>

	7.3	Quorum at meetings shall be four elected members including at least one elected member from each Council. The parties note that this conflicts with the provisions in clause 30 (9) (b) of schedule 7 of the Local Government Act 2002. To avoid any possible doubt the parties shall operate the committee based on the specific requirements in this agreement at all times.
	7.4	All meetings may be attended by officers of the Councils but officers shall not be entitled to vote.
	7.5	Meetings may be requisitioned by any two elected members who shall state the nature of the business and the Administering Authority shall convene a meeting (giving notice of the business) and Councils shall ensure that at least one of their elected members attends.
	7.6	Annual meetings shall be held within three months of the end of the financial year and the business of such meeting shall include the financial accounts for the previous year.
	7.7	Budget estimates for the following financial year shall be prepared and supplied to the Councils no later than 31 January in each year for their approval.
	7.8	Meeting procedures shall be in accordance with NZS 9202: 2003, or such other version of standing orders as mutually agreed between the parties, except to the extent that specific provision is contained herein and is not contrary to law.
8.	Joint Committee Financial Provisions	8.1 The Joint Committee shall provide financial and management accounting records and reports which provide sufficient detail to enable the committee and the Councils to assess performance of each separate business activity within the Landfill.
		8.2 The administering authority shall circulate a draft budget prior to the meeting at which the Joint Committee is to consider the estimates for recommendation to the Councils.
		8.3 Surpluses and deficits shall be received and borne by the Councils in the following shareholding percentage: Hastings District Council: 63.68% Napier City Council: 36.32%
		8.4 All amounts payable by each Council shall be paid within one calendar month of notification of the amount payable. If any Council shall consistently fail to make payments as required by this clause the Joint Committee may impose a penalty on the defaulting Council which shall be met by such Council.
9.	Duties of the Individual Councils	9.1 To comply with the resource and regulatory consents relating to the operation.
		9.2 The Councils shall make bylaws to ensure the efficient operation of the refuse disposal facility and set and adopt fees and charges and licensing procedures.
		9.3 To establish and operate transfer stations and to adopt charges in relation to such transfer stations.
10.	Changes in Participation	1.1 The establishment and operating costs of the Councils up to the time of any Change in Participation shall be safeguarded as far as possible.
		1.2 The addition or withdrawal of any party shall require agreement of the Councils.
11.	Staff Appointments	11.1 Where any Council is involved in the provision of staff or services, such Council shall be reimbursed for the cost of such persons or services.
		11.2 It is recognised that it will be desirable for the staff required to be employed by one of the Councils.
12.	Facility Manager	12.1 The Facility Manager appointed by the Administering Authority shall be a suitably qualified person who shall report to the Joint Committee and attend its meetings and will be responsible for the day to day operations at the landfill site.
		12.2 During any further development the Facility Manager, as appointed by the Administering Authority, shall be considered to be the officer responsible for all development activities unless otherwise directed by the Joint Committee.
13.	Secretarial Services	13.1 Secretarial and Accounting services shall be provided by the Administering Authority.
		13.2 The functions to be fulfilled shall include: a) Convening of meetings. b) Keeping of minutes. c) Preparation of estimates and accounts. d) Keeping the Joint Committee informed. e) The recovery of fees and charges. f) Such further specific powers as may be delegated by agreement of the Councils.
		13.3 All documents to be signed on behalf of the Joint Committee shall be signed by the Chair (or in his absence one elected member of that Committee) together with such other person authorised by the Administering Authority.
14.	Commencement and Duration	14.1 This Joint Committee shall commence from the date of this agreement and shall continue thereafter until terminated by agreement of the Councils.
		14.2 On termination of this agreement the assets shall be applied, first, in the repayment of all debts, second, in the repayment of any capital contributions, advances or sums of money that may have been made or may be due to any of the Councils, third, the surplus, if any, shall be distributed between the Councils in the following shareholding percentage:

		Hastings District Council: 63.68% Napier City Council: 36.32%
	14.3	In the event of a short-fall on the termination of this agreement the Councils shall contribute in the following shareholding percentage: Hastings District Council: 63.68% Napier City Council: 36.32% To such short-fall, with any necessary adjustments being made to reflect any amounts due by or to any individual Council at termination.
15. Arbitration	15.1	In the event of any dispute relating to this agreement the same shall be referred to arbitration pursuant to the Arbitration Act 1996 and each Council who is a party to the dispute shall be entitled to appoint an Arbitrator.
	15.2	The Arbitrators before embarking on the Arbitration shall appoint an umpire whose decision shall be final in the event that the Arbitrators are unable to agree.

Friday, 30 June 2023

Te Hui o Te Kaunihara ā-Rohe o Heretaunga

Hastings District Council

Ōmarunui Refuse Landfill Joint Committee Meeting

Kaupapataka

Agenda

Heamana

Chair: Councillor Ann Redstone (HDC)

Deputy Chair: Councillor Chad Tareha (NCC)

Nga mema o te Komiti

Committee Members:

Councillors Ana Apatu, Simon Nixon and Kellie Jessup (HDC)

Councillors Richard McGrath (NCC)

HDC Alternate: Councillor Michael Fowler

NCC Alternate: Councillor Nigel Simpson

Ngāti Pārau Appointee: - Vacancy

Tokamatua:

Quorum:

4 - including at least one elected member from each Council

Apiha Matua

Officer Responsible:

Waste and Data Services Manager - Martin Jarvis

Te Rōpū Manapori me te

Kāwanatanga

Democracy &

Governance Services

Christine Hilton (Ext 5633)

Te Rārangi Take

Order of Business

Apologies – Ngā Whakapāhatanga

- 1.0** At the close of the agenda no apologies had been received.
At the close of the agenda no requests for leave of absence had been received.
-

2.0 Conflict of Interest – He Ngākau Kōnatunatu

Members need to be vigilant to stand aside from decision-making when a conflict arises between their role as a Member of the Council and any private or other external interest they might have. This note is provided as a reminder to Members to scan the agenda and assess their own private interests and identify where they may have a pecuniary or other conflict of interest, or where there may be perceptions of conflict of interest.

If a Member feels they do have a conflict of interest, they should publicly declare that at the start of the relevant item of business and withdraw from participating in the meeting. If a Member thinks they may have a conflict of interest, they can seek advice from the General Counsel or the Manager: Democracy and Governance (preferably before the meeting).

It is noted that while Members can seek advice and discuss these matters, the final decision as to whether a conflict exists rests with the member.

Confirmation of Minutes – Te Whakamana i Ngā Minitī

- 3.0** Minutes of the Ōmarunui Refuse Landfill Joint Committee Meeting held Friday 2 December 2022.
(Previously circulated)
-

- 4.0** **Nine Month Activity Report** **9**
-

- 5.0** **Six Month Health, Safety & Wellbeing Report** **21**
-

- 6.0** *Minor Items – Ngā Take Iti*
-

- 7.0** *Urgent Items – Ngā Take Whakahihiri*
-

Friday, 30 June 2023

Te Hui o Te Kaunihera ā-Rohe o Heretaunga
**Hastings District Council: Ōmarunui Refuse
Landfill Joint Committee Meeting**

Item 4

Te Rārangi Take

Report to Ōmarunui Refuse Landfill Joint Committee

Nā: Martin Jarvis, Waste and Data Services Manager
From: Jeff Tieman, Management Accountant

Te Take: **Nine Month Activity Report**
Subject:

1.0 Executive Summary – Te Kaupapa Me Te Whakarāpopototanga

- 1.1 The purpose of this report is to inform the Ōmarunui Refuse Landfill Joint Committee on landfill activities for the nine month period ending March 2023.

2.0 Recommendations – Ngā Tūtohunga

That the Ōmarunui Refuse Joint Landfill Committee receive the report titled Nine Month Activity Report dated 30 June 2023.

3.0 Finance and Tonnages

3.1 The financial position of the main accounts at 31st March 2023 is as follows:

	\$ 9 month actuals	\$ 9 month budget	\$ 9 month variation
Revenue*	8,085,770	6,116,102	1,969,668
Expenditure*	5,109,080	3,351,252	1,757,829
Net surplus from operations	2,976,690	2,764,850	211,840

*Excludes the waste levy and ETS

3.2 The net surplus from operations as at 31st March 2023 is \$211,840 above budget.

3.3 Revenue is up versus overall budget as a result of the large volume of flood damaged waste and commercial waste. All flood waste received at the landfill has been charged to either the company bringing it in or the local Councils that have been assisting with residential flood waste by way of accepting the charges on behalf of affected residents. Therefore, the revenue amount shown is not impacted by the free waste service undertaken by the Councils i.e. other budget centres within Council have covered the cost.

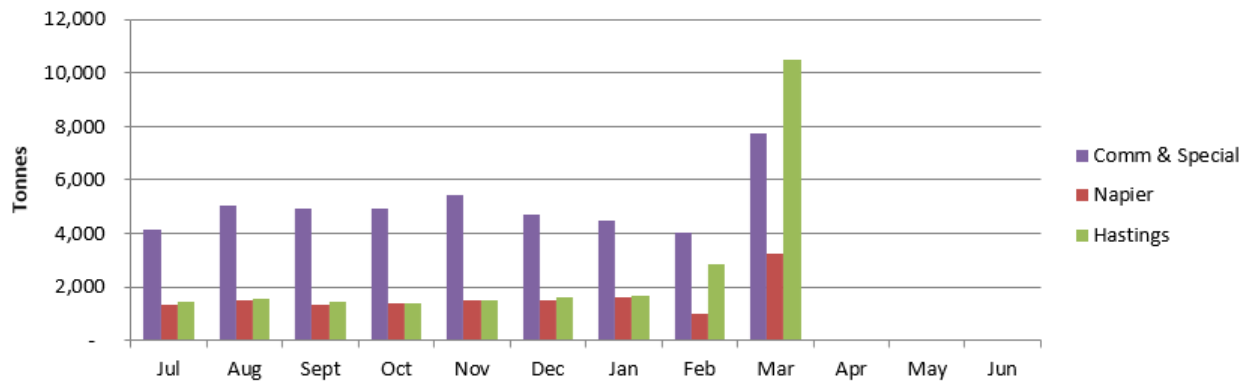
	\$ 9 month actuals	\$ 9 month budget	\$ 9 month variation	\$ Annual budget
Commercial	4,896,437	3,786,000	1,110,437	5,048,000
HDC	1,954,074	1,170,000	784,074	1,560,000
NCC	1,000,910	994,500	6,410	1,326,000
Total	7,851,421	5,950,500	1,900,921	7,934,000

3.4 Overall tonnages year to date are above budget by 13,987 tonnes or 20%.

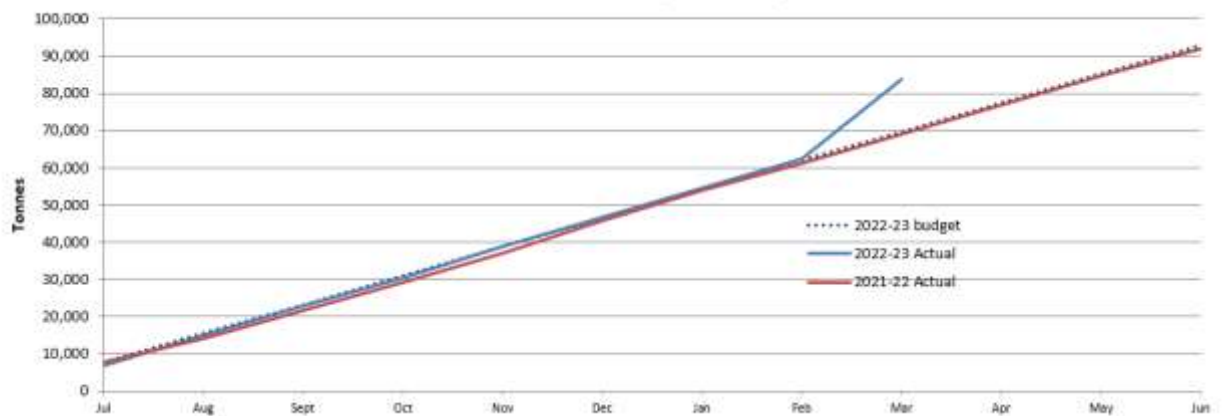
Activity	9 month actual	9 month budget	9 month variance	Annual budget
Commercial	36,181	29,250	6,931	39,000 t
Special	9,216	12,750	(3,534)	17,000 t
HDC	23,943	15,000	8,943	20,000 t
NCC	14,397	12,750	1,647	17,000 t
Total	83,737	69,750	13,987	93,000 t

3.5 Tonnages are currently tracking up on last year's actual total (83,737T versus 69,059T).

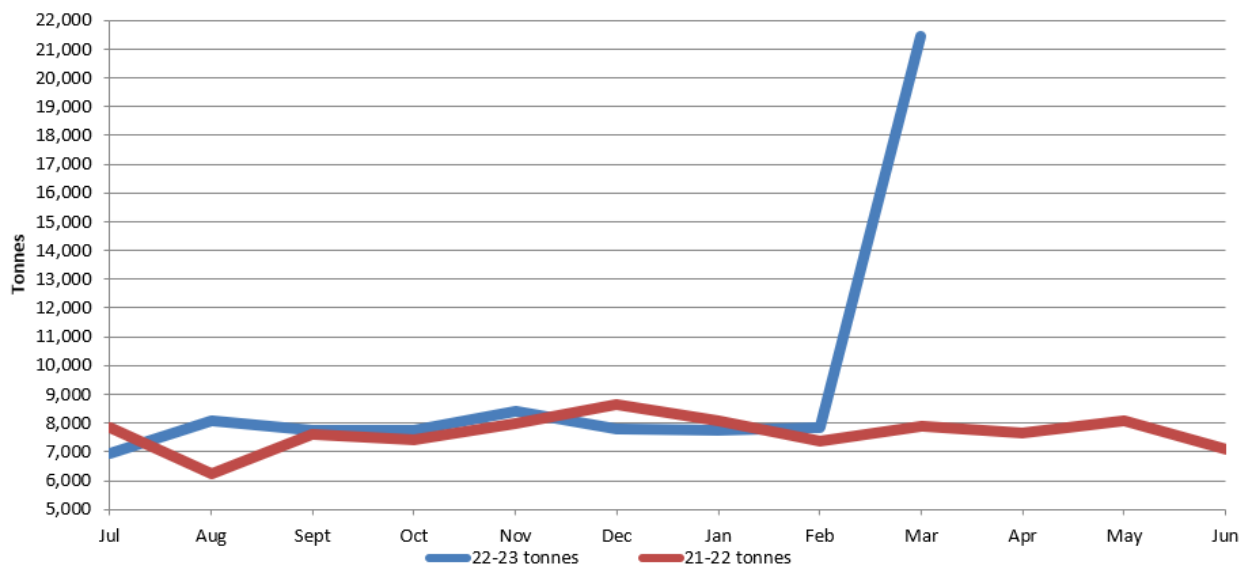
Landfill actual tonnages by month



Omarunui Landfill - Waste Disposal Tonnages



Omarunui Landfill - Tonnages by Month



3.6 The budgeted volume of waste for the 2022/23 year is 93,000 tonnes. The volume now expected is the order of 120,000 tonnes or 27,000 tonnes more than budgeted.

4.0 Development update for Areas A & D

- 4.1 To date \$854,709 has been spent on the construction of development work. The development budget for the full year is \$1,736,315. Development costs to date have predominately related to excavation work (including blasting), obtaining clay and the purchasing of HDPE (plastic) and geosynthetic clay liner material. Due to the initial lack of appropriate clay material, and the wet summer weather conditions, very little final liner has been constructed this financial year. Unfortunately, this has resulted in a shortage of air space (capacity) at the landfill which has been exacerbated by the need to accept Cyclone Gabrielle flood waste.
- 4.2 While it is unlikely any final liner will be completed in the last 3 months of the financial year, bulk earthworks in Stage 3 of Area D will continue as weather and resources permit.
- 4.3 Area A & D development funds will also be used to create additional landfill space on top of Area A. This involves removing the existing cap, placing and compacting shredded waste, and reinstating the cap.
- 4.4 Clay used for liner construction is now being sourced from other areas as the onsite supply has been exhausted at Ōmarunui. These additional costs have been recognised when running the most recent landfill Full Cost Accounting Model so that appropriate revenue is gathered to fund the work.
- 4.5 It is expected that most of the Area A & D development budget will be spent by the end of the financial year, however this will depend on the timing of construction work related to re-opening Area A.

5.0 Development update for Area B

- 5.1 The development of Area B is required so that the landfill continues to have adequate space for the region's waste beyond 2025. This is needed as the current filling area (Area D) will be full by 2025.
- 5.2 To date in the 2022/23 financial year \$1,872,960 has been spent on the Area B development project. The 2023/23 budget for this work is \$5,347,000. The work to date has included planning, legal, design, landscaping, fencing, contract preparation and the initial construction work.
- 5.3 Initial construction work for Area B forms part of the enabling works contract, and as of 11th June 2023 progress is as follows: the following work items have been completed or substantially completed as of 31 May 2023:
 - Environmental Controls: 100% completed
 - Stripping and clearing: 100% completed
 - Wetlands: not started yet
 - Sediment Retention Pond: 60% completed
 - Stormwater reticulation: 40% completed
 - Toe Key Undercut (earthworks): 100% completed
 - Toe Key Construction: 70% completed
 - Access Track: 30% completed
- 5.4 Construction plans and schedules are currently being prepared for Stage 1 of the Area B development. This work follows on from the enabling contract work listed above. A variation to the enabling work contract is currently being negotiated with the contractor so that some of the Stage 1 earthworks can be started ahead of schedule. The need to speed up construction is due to the additional waste the landfill has received, and continues to receive, as a result of Cyclone Gabrielle and the limited space remaining in Area D. While the cyclone did delay enabling contract work this was limited to approximately two weeks.

- 5.5 As required by the resource consent for Area B a peer review panel (PRP) has been established. The two appropriately qualified and experienced engineers selected for the panel are Peter Askey (WSP NZ) and Nigel Mark-Brown (Environmental Context Ltd). This panel was required to be established and maintained so that the design, and other related matters, were meeting the resource consent conditions.
- 5.6 The PRP engineers have reviewed the design, specifications and plans/drawings, as well as visiting the site on two occasions (19th October 2022 and 8th June 2023). The work to date has been met with their approval. All queries raised by the PRP were answered to their satisfaction. The PRP are currently preparing a formal report to submit to the Hawke's Bay Regional Council.

6.0 Education Centre and Office

- 6.1 Another project associated with the Area B development involves the construction of an education centre and office that will overlook the new landfilling area. The new office replaces the "portacabin" office staff are currently working out of.
- 6.2 To date \$364,000 has been spent on the construction of this building. The allocated budget for this work is \$700,000 and the project remains on track financially and in terms of completion (August 2023).
- 6.3 The use of materials diverted from the landfill has been an important part of this project and resulted in an overall lower construction cost of the building.

7.0 Landfill Committee Representation and Heads of Agreement

- 7.1 The Ōmarunui Landfill operates under a Heads of Agreement (HOA) between HDC and NCC. This HOA currently allows for the representation of four HDC and two NCC Councillors on the Ōmarunui Joint Refuse Landfill Committee. This ratio of NCC and HDC councillors is reflective of the ownership percentage each council holds in the facility.
- 7.2 Further to 7.1 above a change to the composition of the Committee is now required. During the process of obtaining new resource consents to continue landfilling at Ōmarunui (Area B of the site), a relationship with the Ngāti Pārau Hapū was formed to answer and address the concerns that the hapū had about the landfill site and its operation. As a result of this relationship, which included a Cultural Values Assessment (CVA), the matter of representation on the landfill committee was raised. This was also something discussed by the hearing commissioners and included in the conditions of the consent that were finally granted. An invitation to participate on the Committee is therefore extended to Ngāti Pārau. This change to the Heads of Agreement document will need to be individually adopted and approved by each Council.
- 7.3 Due to the impact of Cyclone Gabrielle on the Councils and the landfill itself, work on altering the Heads of Agreement document and the process of formally adopting a new document has been delayed.

8.0 Operations

- 8.1 The main tipping area is currently larger than preferred due to the volume of flood waste entering the site and the space required by shredding operations.
- 8.2 Due to the large volume of extra waste being received at the site, two shredders have been used to process the waste and maximise air space, however this has more recently been reduced to one shredder.
- 8.3 The decision to retain the old compactor machine and operate two compactors permanently at the site has proven to be a wise one. This has allowed maintenance work to be carried out on one compactor while the other has carried on working. This has enabled a more consistent and higher level of compaction to be achieved. Additionally, the ability to operate two compactors at the same

time has been invaluable when dealing with the peak volumes of waste that have been received at the site post Cyclone Gabrielle.

- 8.4 Prior to Cyclone Gabrielle the landfill was running low on available airspace for refuse and was aiming to have more liner installed in Stage 4 of Area D. However due to the wet summer and lack of suitable clay material on site, this work was unable to be completed. The flood waste that has since been generated by the cyclone has now exacerbated this problem. The shredding of waste is a more efficient way of utilising space in the landfill by reducing the required volume that the waste would have otherwise taken up. The downside is that shredding is expensive and while air space is saved, additional operational costs are incurred.
- 8.5 Due to the shortage of landfill space part of Area A (original landfill area) has been re-opened and shredded flood waste is now being placed there. This work is ongoing and other parts of Area A will be reopened to receive waste. Once this work is completed a new landfill cap will be constructed over the waste.
- 8.6 Kiosk and weighbridge operations continue to be carried out from a portacabin located next to the weighbridge. While this is not ideal, it is the only way kiosk operations can continue until a new kiosk is constructed. Plans for a new kiosk have been drawn up and are now being used to price the work. It is hoped to have a new kiosk in place prior to the end of the year.
- 8.7 The design of the kiosk is such that a second weighbridge can be installed on the other side of the kiosk and still leave room for the slip road. This will allow one weighbridge to be used for vehicles entering the site and the other weighbridge used to weigh trucks leaving the site. Additionally, this will allow maintenance work to be undertaken on one weighbridge while the other is still operating and therefore allow the site to remain open and operational. The second weighbridge will form part of the kiosk replacement work. An insurance claim relating to the old kiosk and damage to the existing weighbridge has been lodged. It is planned to put those funds towards the construction work now planned.
- 8.8 New landfill charge rates were agreed at the Ōmarunui Joint Landfill Committee meeting in December 2022 and these charges will come into effect on 1 July 2023. The charge rate for general municipal waste will increase from \$145 per tonne (excl. GST) to \$191 per tonne (excl. GST). The increase is almost entirely due to a \$20 per tonne increase in the governments Waste Levy and a \$20 per tonne increase in meeting Emission Trading Scheme obligations.

9.0 Maintenance Work

- 9.1 The site was in good condition prior to Cyclone Gabrielle and most of the planned maintenance related to routine items. Post cyclone all resources have been directed into either repairing the site and/or managing the extra waste coming onto the landfill.
- 9.2 The concrete entry and exit ramps to the weighbridge have been replaced. This work was done while the weighbridge was being repaired after it was damaged by flood water. The ramps were showing signs of wear and tear due to their age and required replacement. The timing of the repairs worked well as the weighbridge was not being used at that time.
- 9.3 While flood damage repairs were being undertaken on the internal access road, an additional area of chip seal was laid to increase the parking area for trucks using the site.
- 9.4 The Upokohino Stream culvert on the main access road has been replaced with 1650mm diameter concrete pipes. This work had just started prior to Cyclone Gabrielle and was completed once access to the site was re-established and flood waters had receded.
- 9.5 A new deodoriser system that helps minimise and neutralise offensive odour has been installed at the site. It is expected that this system will be extended in due course and as the fill locations move around at the site.
- 9.6 New maintenance programs are being developed that incorporate ongoing repair and operational issues.

10.0 Leachate

- 10.1 The landfill typically spray irrigates leachate on the landfill cap by way of irrigation pods. However, this method of managing leachate is not so effective during winter (less evaporation) or during wetter weather (the cap becomes too wet). As a result of the wet summer, Cyclone Gabrielle and now winter conditions, the landfill has not been able to spray irrigate for much of the year.
- 10.2 The other method of managing leachate is for it to be carted off site for treatment and disposal. This is a more expensive method of management but is the only current alternative to spray irrigation at Ōmarunui. The additional costs associated with carting leachate off-site are covered by the landfill's leachate reserve which is funded by the gate charge. The amount the reserve is funded by the gate charge will need to be reviewed considering the volume of leachate now requiring offsite disposal.

11.0 Landfill Gas

- 11.1 Additional vertical gas wells are planned for the site over the next two to three years. All new wells are integrated into the gas collection network. This results in more landfill gas being captured and further reduces the opportunity of odour escaping into the atmosphere from the compacted rubbish. The additional landfill gas will in turn provide the gas to energy plant with more gas to process. Any excess gas is flared off. Improvements and maintenance work has also been carried out on sections of the gas pipe network that connects the wells to the flare and plant.
- 11.2 While the flare was only off for a few days following Cyclone Gabrielle, the gas to energy plant (owned by LMS) was unable to operate for an extended period. This was a result of the damage to the region's transmission grid and its inability to receive electricity from the plant. The plant was restarted in June and can only operate at a low capacity.

12.0 Health and Safety

- 12.1 The Ōmarunui Landfill operates under the Hastings District Council's Health and Safety Policy. The Council's commitment under this policy is ***"to keep employees, volunteers, contractors and the community safe through living a strong safety culture"***.
- 12.2 Additional Health & Safety information relating to the landfill's performance is the subject of a separate report to this committee.

13.0 Skins/Pelts/Fleshings/Tannery Waste

- 13.1 The landfill continues to receive tannery waste that includes skins, pelts, fleshings and chromate sludge. Odour and airborne contaminants such as hydrogen sulphide and ammonia, continue to be a matter that staff need to deal with. Independent air quality specialists last visited the site last November to conduct further testing. Test results at that time indicated a continuation of the problems and that the controls the landfill has put in place are warranted.
- 13.2 To date, volumes of skins/pelts/fleshings/tannery waste are on par with the previous year. While this doesn't represent any improvement in the amount received and the Health & Safety aspect generated by this waste, it has been able to be blended in with a greater volume of other waste that was generated by Cyclone Gabrielle.
- 13.3 Odour from this waste stream can cause issues at the site and as a result a new deodorant (spray) system has been installed and is now operational. The potential for odour has also increased because of the extra cyclone waste entering the site and the need to open up larger tipping areas.

14.0 Cyclone Gabrielle

- 14.1 The landfill is situated in an area of Hawke's Bay that was severely impacted by Cyclone Gabrielle. This resulted in damage to the site coupled with then requirement to accept extra waste for disposal.

14.2 Landfill staff were not able to access the site until two days after the cyclone. This was due to flooding on Ōmarunui Road and Swamp Road. First access to the site was made by helicopter and a damage assessment was made at that time.

14.3 Damage and difficulties faced by the site are summarised as follows:

- The kiosk was flooded and has been removed from the site. The kiosk operator is currently working out of a “Portacabin”.
- All office and electronic equipment items located within the kiosk were damaged beyond repair.
- The weighbridge was flooded, and the load cells and other ancillary items were destroyed. The weighbridge has since been repaired and certified for weights and measures purposes.
- The internal access road to the disposal area of the landfill was blocked at multiple locations by slips.
- The site was without power for more than a month. A number of generators were positioned around the site to enable it to operate.
- Once road access was established and initial repairs were made, the landfill reopened on Monday 20 February (only closed for 5 days) without an operational weighbridge.
- While the weighbridge was being repaired all information relating to trucks entering the site, type of waste carried, invoicing details and assessment of weight, had to be manually gathered and recorded.
- The method for manually calculating the weight of a load required assessing each load in terms of its volume and then applying a Ministry for the Environment approved volume (m3) to weight (tonnes) conversion factor. This was time consuming and created some problems when invoicing customers.
- Due to increased activity at the site during the peak clean-up period, security and traffic control measures were introduced. Extra staff were contracted into the site to assist with this work.
- The landfill’s daily opening hours were extended until 27th March to cater for the large volume of waste generated by the cyclone.
- Flood waste received by the landfill peaked on 14th March when 1034 tonnes entered the site by way of 181 truckloads. On a normal day, pre cyclone, the landfill would typically receive 300 to 350 tonnes a day.
- The weighbridge was re-established and operational with the use of generators and a temporary building (portacabin) as of 1st March. From that time onwards loads were able to be weighed and the processing of all related information through to invoicing became more automated.
- Damage to the region’s electrical transmission lines meant that the landfill’s gas to energy plant (owned by LMS) was unable to operate and supply electricity to the network. The plant did restart in June; however, it is operating well below capacity.
- Due to the large volume of extra waste being received at the site, two shredders were initially used to process the waste and maximise air space. This dropped back to one shredder once flood waste tonnages decreased to a more manageable volume.
- An older (closed) part of the landfill has been reopened and shredded waste is now being placed in that area. Once filling has finished a new cap will be constructed over that area.
- Some of the perimeter fencing was destroyed by flood water and slips. This is being repaired as time and resources allow.
- A significant volume of leachate was required to be carted off site for disposal, however the ponds did not overflow at any time during the cyclone event. This was in part due to landfill staff ensuring that pond levels were as low as possible prior to the cyclone hitting.

14.4 On 23rd February an engineer from Tonkin & Taylor completed an independent assessment of the landfill and the damage caused by the cyclone. The assessment concluded that apart from the damage listed above, there were no other concerns relating to the integrity of the site.

- 14.5 The Ōmarunui Landfill received 17,590 tonnes of waste declared as flood waste from 20th February to 31st May 2023 from across the Hastings and Napier region. This equates to over two months of normal waste volumes. The highest monthly volume of flood waste was in March, with 11,112 tonnes received, however this volume decreased to 648 tonnes in May. As the clearing of debris continues in the rural areas of the district, landfill management are expecting to receive more flood waste well into the future. Waste mixed in with silt needs to be screened and separated from the silt so that it can be recycled or disposed of at a suitable landfill.
- 14.6 The landfill is unable to accept silt and/or un-screened silt waste due to the massive volume of it and the limited space at the Ōmarunui Landfill – the required capacity just doesn't exist at the site. The remaining space at the landfill is required for the regions municipal and essential waste streams. Other sites are being set up by the local councils to manage silt and silt waste.

15.0 Waste Levy Refund – Residential Flood Waste

- 15.1 To the end of May 2023, the Ōmarunui Landfill received 17,590 tonnes of the residential flood damaged goods collected as part of the clean-up effort. The table below provides breakdown per month, the related cost and potential refund:

	Feb	Mar	Apr	May	TOTAL
Household waste tonnes	2,075	11,928	2,939	648	17,590 tonnes
Disposal Cost	\$300,875	\$1,729,560	\$426,155	\$93,960	\$2,550,550
Waste Levy waiver to be applied for a refund	\$62,250	\$357,840	\$88,170	\$19,440	\$527,700

- 15.2 Council Staff are now working on an application to the Ministry for the Environment for a refund on the waste levy that was applied to the flood waste tonnages. The waste levy is charged at \$30 per tonne of waste as prescribed in the Waste Minimisation Act 2008. Please note that the waste levy is increasing to \$50 per tonne as of 1st July 2023.


16.0 Landfill Staff

- 16.1 Chris Morgan (previously the landfill's Solid Waste Operations Supervisor) has been appointed to the role of Landfill Manager. This replaces the position of Solid Waste Engineer that was held by Phil Doolan prior to his resignation.
- 16.2 Ty Cooper (previously the Landfill Foreman) has been appointed to the position of Landfill Supervisor which replaces the role of Solid Waste Operations Supervisor previously held by Chris Morgan. In this role Ty will support Chris in the overall management of the site.
- 16.3 There are currently three vacant positions being advertised for at the landfill. Two landfill operators are required as well as a landfill technician. Interviews are currently underway to find suitable persons for these roles.
- 16.4 All landfill staff, including those contracted in to assist, are thanked for their efforts and hard work during and post Cyclone Gabrielle. This work included urgent repairs to the site and working under difficult conditions for extend hours/days as the site received up to three times more waste than it would normally.

17.0 Financial Summary

- 17.1 Attached to this report is the financial summary (**Attachment 1**) for the 9 month period ending 31st March 2023.

Attachments:

1  Ōmarunui Landfill Joint Committee Financial Summary 31st March 2023 CG-17-41

OMARUNUI LANDFILL JOINT COMMITTEE
FINANCIAL SUMMARY
FOR THE 9 MONTH ENDED - 31st March 2023

LAST YEAR ACTUAL (Full Year)	LAST YEAR ACTUAL (YTD)		Notes	YTD ACTUAL \$	YTD BUDGET \$	YTD VARIANCE \$	FULL YEAR BUDGET \$	PREDICTED ACTUAL \$
REVENUE								
2,860,268	2,061,835	Local Authorities		2,954,984	2,164,500	790,484	2,886,000	3,700,000
5,545,855	4,228,588	Commercial Operations		4,896,437	3,786,000	1,110,437	5,048,000	6,800,000
70,995		Other		44,014	0	44,014	0	45,000
10,909	9,865	Rentals (Farm & Power Str)		9,733	6,883	2,850	9,177	12,000
79,495	-	Interest on funds		0	0	0	0	-
8,830	8,456	Sale of gas		13,128	19,219	-6,091	25,625	25,625
91,905	69,059	Tyre Processing Fund	5	83,737	69,750	13,987	93,000	130,000
91,905	69,059	Leachate development	3	83,737	69,750	13,987	93,000	130,000
1,838,101	1,381,183	Waste Levy \$20/t & \$30/t	1	2,512,122	2,092,500	419,622	2,790,000	3,900,000
4,227,632	3,176,721	ETS \$36/t & \$35/t	2	2,930,809	2,441,250	489,559	3,255,000	4,550,000
14,825,895	11,004,986	Total Revenue		13,528,701	10,649,852	2,878,849	14,199,802	19,292,625
EXPENDITURE								
952,601	554,813	Maintenance - Landfill		959,254	334,496	624,758	446,447	668,973
1,045,539	692,441	Other refuse disposal		950,686	643,291	307,395	857,269	1,361,867
792,045	586,503	External plant hire		571,297	450,000	121,297	600,000	750,000
0	0	External plant hire escalations		65,283	37,500	27,783	50,000	75,000
403,342	148,384	Leachate Treatment/Disposal		788,555	116,601	671,954	116,601	941,500
24,834	17,408	Kiosk Charges		12,875	30,673	-17,798	40,898	21,750
103,262	54,159	Ground & Surface Water Testing		45,757	29,310	16,447	39,080	54,080
0	0	Gas to energy		0	750	-750	1,000	0
11,504	2,385	Farm operations		11,841	2,762	9,079	3,683	14,941
19,631	19,631	Rates		21,205	17,550	3,655	23,400	21,550
330,749	248,298	Overheads - Administrative	4	246,024	232,875	13,149	310,500	314,486
1,767,923	1,334,129	Depreciation		1,436,304	1,455,443	-19,139	1,940,591	1,779,040
1,991,408	1,381,183	Waste Levy \$20/t & \$30/t	1	2,512,122	2,092,500	419,622	2,790,000	3,900,000
4,227,632	3,176,721	ETS \$36/t & \$35/t	2	2,930,809	2,441,250	489,559	3,255,000	4,550,000
11,670,470	8,216,056	Total Expenditure		10,552,010	7,885,002	2,667,009	10,474,468	14,453,187
3,155,425	2,788,930	SURPLUS from Operations		2,976,690	2,764,850	211,840	3,725,334	4,839,438
1,767,923	1,334,129	Add back Non Cash Depreciation		1,436,304	1,455,443	-19,139	1,940,591	1,779,040
-931,944	69,121	Less transfer to/from Plant and Property Fund		122,172	253,316	-131,143	242,565	242,565
130,000	97,500	Less transfer to After Care Reserve		97,500	97,500	0	130,000	130,000
91,905	69,059	Less transfer to/from Tyre Reserve		83,737	60,000	23,737	80,000	80,000
91,905	69,059	Less transfer to/from Leachate Reserve		83,737	60,000	23,737	80,000	80,000
5,541,482	3,818,319	Surplus before Capital Costs		4,025,847	3,749,478	276,370	5,133,360	6,085,912

OMARUNUI LANDFILL JOINT COMMITTEE
FINANCIAL SUMMARY
FOR THE 9 MONTH ENDED - 31st March 2023

LAST YEAR ACTUAL (Full Year)	LAST YEAR ACTUAL (YTD)	Notes	YTD ACTUAL \$	YTD BUDGET \$	YTD VARIANCE \$	FULL YEAR BUDGET \$	PREDICTED ACTUAL \$
DEVELOPMENT COSTS FOR VALLEY A & D							
EXPENDITURE							
122,539	30,445		12,778	112,500	-99,722	150,000	150,000
-	-	Water Quality Monitoring Bores	0	0	0	0	0
-	-	Solid Waste Management	0	0	0	0	0
23,892	15,230	Gas Control	22,771	202,271	-179,500	269,695	169,695
0	0	Stormwater	20,701	15,435	5,266	20,580	20,580
101,172	29,004	Leachate Collection System	0	15,780	-15,780	21,040	21,040
178,436	161,450	Liner	15,212	400,000	-384,788	400,000	100,000
1,538,248	950,951	Earthworks	651,997	525,000	126,997	700,000	950,000
175,000	131,250	Overheads	131,250	131,250	0	175,000	175,000
2,139,287	1,318,330		854,709	1,402,236	-547,527	1,736,315	1,586,315
-2,139,287	-1,318,330	Total Development Costs	-854,709	-1,402,236	547,527	-1,736,315	-1,586,315
DEVELOPMENT COSTS FOR VALLEY B & C							
EXPENDITURE							
808,951	520,206	Planning Advice	673,112	243,750	429,362	325,000	850,000
-	-	Landfill Area B&C Construction	1,183,348	2,950,000	-1,766,652	5,000,000	5,050,000
22,000	16,500	Overheads	16,500	16,500	0	22,000	22,000
830,951	536,705		1,872,960	3,210,250	-1,337,290	5,347,000	5,922,000
-830,951	-536,705	Total Development Costs	-1,872,960	-3,210,250	1,337,290	-5,347,000	-5,922,000
FORESTRY COSTS (Funded from the Property Reserve)							
400	400	Other Insurance	0	0	0	0	0
1,592	1,592	Internal - HDC Rates & Charges	1,686	975	711	1,300	1,700
1,992	1,992	Total Forestry Costs	1,686	975	711	1,300	1,700

* YTD Actuals include accruals

Notes:

- 1 A waste Levy of \$20/t for 2021/22 & \$30/t for 2022/23 collected and paid back to the Ministry for Environment.
- 2 ETS levy of \$36/t for 2021/22 and \$35/t for 2022/23
- 3 \$1/t collected for leachate development
- 4 The overhead costs have been agreed with NCC at budget time
- 5 \$1/t collected for Tyre Processing Fund

Friday, 30 June 2023

Item 5

Te Hui o Te Kaunihera ā-Rohe o Heretaunga

Hastings District Council: Ōmarunui Refuse Landfill Joint Committee Meeting

Te Rārangi Take

Report to Ōmarunui Refuse Landfill Joint Committee

Nā:
From: Jennie Kuzman, Health, Safety and Wellbeing Manager

Te Take:
Subject: Six Month Health, Safety & Wellbeing Report

1.0 Purpose and summary - Te Kaupapa Me Te Whakarāpopototanga

- 1.1 The purpose of this report is to inform and update the Ōmarunui Refuse Landfill Joint Committee about Health and Safety at the Ōmarunui Refuse Landfill.
- 1.2 The Health and Safety at Work Act 2015 (HSWA) requires the elected members of this Joint Committee to exercise due diligence by taking reasonable steps to understand the operations of the Ōmarunui Refuse Landfill and its Health and Safety risks, and to ensure that these Health and Safety risks are managed so that both Hastings District Council and Napier City Council meet their legal obligations.
- 1.3 The attached report (**Attachment 1**) provides information to enable all Joint Committee Members to undertake due diligence, by providing information in relation to Health, Safety & Wellbeing for the period 1 October 2022 – 31 March 2023.

2.0 Recommendations - Ngā Tūhunga

That the Ōmarunui Refuse Landfill Joint Committee Meeting receive the report titled Six Month Health, Safety & Wellbeing Report dated 30 June 2023.

Attachments:

- | | | |
|-------------------|--|------------------|
| 1 | Health, Safety & Wellbeing Report to Ōmarunui Landfill Joint Committee - June 2023 | HR-03-8-2-23-209 |
|-------------------|--|------------------|

ŌMARUNUI LANDFILL HEALTH, SAFETY & WELLBEING : 1 OCTOBER 2022 – 31 MARCH 2023

Employees



Contractors



Customers / Public



Top 3 Types of Injuries (All)

- 1 Open Wound
- 2 Sprain / Strain
- 3 Bruising / Contusion

Top 3 Hazard Categories (All)

- 1 Plant & Machinery
- 2 Vehicles
- 3 Ignition Sources

ŌMARUNUI LANDFILL HEALTH, SAFETY & WELLBEING : 1 OCTOBER 2022 – 31 MARCH 2023

Highlights

Cyclone Gabrielle

Ōmarunui Landfill operations were significantly impacted by Cyclone Gabrielle. The site was flooded and inaccessible, with the kiosk and weighbridge severely damaged. Landfill Management staff managed a successful reopening of the site and workers (both staff and contractors) worked additional hours at some considerable risk to process the significant increase in waste from the community. It is to the credit of Landfill Management staff and workers that this was well managed resulting in no significant injuries or property damage occurring.

Critical HSW Risk Management:

Ōmarunui Landfill staff and contractors are exposed to a number of critical risks, including: Plant & Machinery, Vehicles, Conflict & Violence, Stress, Fatigue, Asbestos, Hazardous Substances, Excavations, Falls, Manual Handling, Exposure to Substances Hazardous to Health (e.g. noise, vibration, gases, particulates, UV).

All of these risks are identified within the critical risk register for the site and specific risk control measures have been put in place.