

LYNDON WEGG

## Waste Management

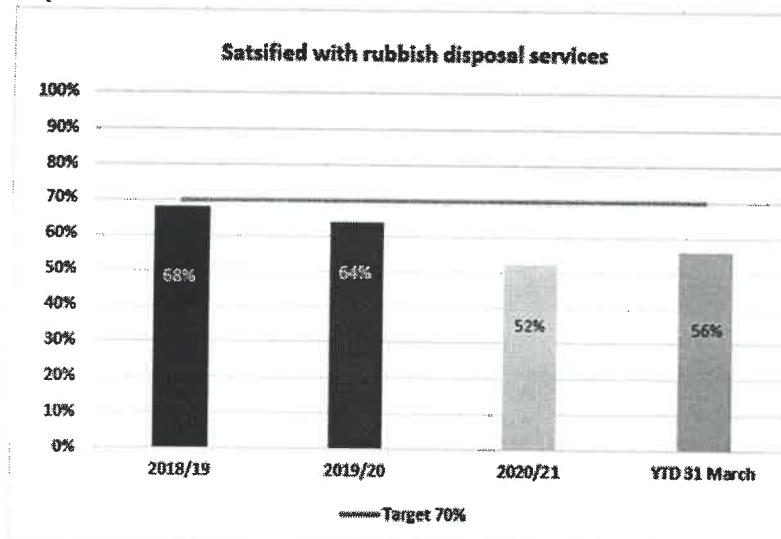
Activity report for the period  
1 July 2021 – 31 March 2022

**Waste Management**

*Rubbish and kerbside collection*

Level of Service – Refuse collection and kerbside recycling meet customer expectations.		Achieved?
<b>Measure:</b>	Overall satisfaction with rubbish disposal services.	Target is not being achieved.
<b>Performance target:</b>	70% or more of residents are satisfied.	
<b>Achievement to date:</b>	56% of residents are satisfied with rubbish disposal services.	
<b>Data source:</b>	Residents Opinion Survey	

**Graph 1**



**Discussion:**

- Overall satisfaction has increased from 52% in 2020/21 to 56% in the year to date. Satisfaction with kerbside recycling is currently 73%, and satisfaction with rubbish collection is currently 60%. The primary causes of dissatisfaction are the continued use of pre-paid plastic rubbish bags for kerbside waste collection, and the lack of organic collection services. Public engagement on a new kerbside collection service was conducted alongside the 2021/31 Ten Year Plan, with the 'Four bins plus one' option subsequently adopted for implementation beginning in 2022/23.
- A request for Expressions of Interest in DCC's future waste and recycling services operating model was released on GETS (Government Electronic Tender Service) in late June 2021. Following the evaluation of submissions, three suppliers were short-listed. A Request for Proposals was subsequently released on 27 September and closed on 15 December. The three proposals have been evaluated alongside presentations from suppliers during January and February 2022, and a preferred supplier has been selected. Contract award is expected to occur in late May 2022, with the new services to begin on 1 July 2023.

*Waste minimisation*

Level of Service – Waste minimisation targets are met 🍃		Achieved?
<b>Measure:</b>	The amount of municipal solid waste per person 🍃	Target is being achieved.
<b>Performance target:</b>	Reduce by 15% or more by 2030 compared to 2015 baseline, to less than 638kg per person, per annum.	
<b>Achievement to date:</b>	This is a new measure introduced for the 2021/22 financial year. The 2015 baseline is 751kgs. To date, the amount of municipal solid waste per person is 236kgs.	
<b>Data source:</b>	Internal data	

Graph 2



**Discussion:**

3. **Waste minimisation grants** - Waste minimisation grants were considered by the Grants Sub-Committee in November and resulted in three of seven commercial grant applications and ten of ten community grants being awarded. The total paid to successful applicants was \$76,746.80. The Grants Sub-Committee resolved that the unallocated funding of \$26,253.20 would be allocated to the March 2022 community grants round. Three small waste minimisation grant applications were also approved totaling \$1,343.96.
4. The March 2022 Waste Minimisation Community Grants closed for applications on 25 March. The grant received eight applications, seven have been assessed by staff and one has been withdrawn by the applicant due to illness. The total requested amount was \$34,934.80. The outcomes of this funding round will be decided in the May 2022 Grants Sub-Committee meeting.
5. Waste and Environmental Solutions are in continued discussions with Start-Up Dunedin to offer a Co-Starters programme to support new business innovation ideas that provide waste reduction outcomes. This programme would be used to support successful applicants to the Waste Minimisation

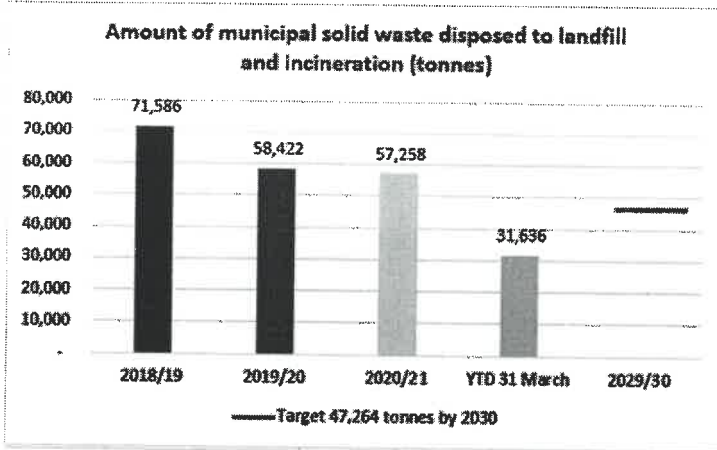
Innovation/Development (Commercial) grant by giving them the necessary skills to develop a robust business plan when beginning or growing a small business aimed at waste reduction. Start-Up Dunedin estimate they will be able to advise the WES team by the end of April 2022 as to whether they are able to resource this Co-Starter programme. If they are unable to assist, the WES team will seek to engage another provider to help facilitate this programme.

6. **Sustainable Living / Composting Made Easy / FoodLovers Masterclass Workshops** – Two Composting workshops have been held in the year to date. Due to ongoing disruptions caused by Covid-19 restrictions a request for Quotes (RFQ) for the provision of on-line workshops is being progressed. Delivery of on-line educational workshops is scheduled to begin in the 2022/23 year.

**Waste minimisation**

<b>Measure:</b>	The amount of municipal solid waste disposed to landfill and incineration 🗑️	Target will be finalized at the 2021/2022 financial year end.
<b>Performance target:</b>	Reduce by 50% or more by 2030 compared to 2015 baseline, to less than 47,264 tonnes per annum.	
<b>Achievement to date:</b>	This is a new measure introduced for the 2021/22 financial year. The 2015 baseline is 94,529 tonnes. To date, the amount of municipal solid waste to landfill and incineration is 31,636 tonnes.	
<b>Data source:</b>	Internal data	

Graph 3



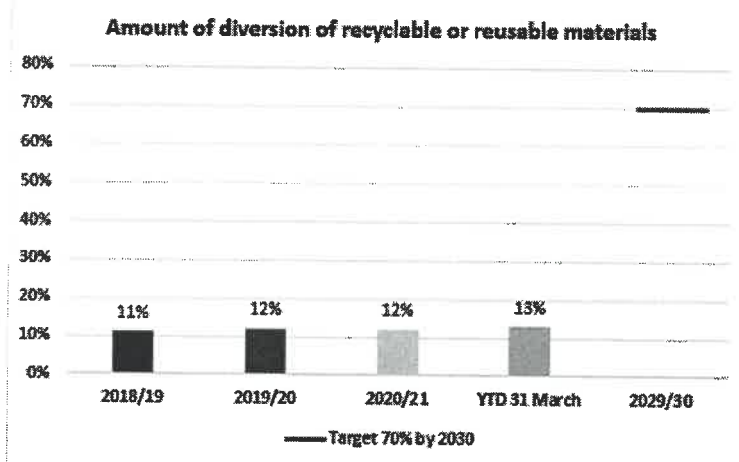
**Discussion:**

7. Initial planning for a new Waste Minimisation and Management Bylaw has begun. It is intended that the bylaw will include tools to reduce waste to landfill once the new resource recovery facilities have been established at Green Island Transfer Station. A report to Council for a new Waste Minimisation and Management bylaw will be presented early in 2022.

**Waste minimisation**

<b>Measure:</b>	Increase in the amount of diversion of recyclable or reusable materials ♻️	Target is not being achieved.
<b>Performance target:</b>	Increase to 70% by 2030.	
<b>Achievement to date:</b>	This is a new measure introduced for the 2021/22 financial year. To date, the amount of diversion of recyclable or reusable materials is 13%	
<b>Data source:</b>	Internal data	

**Graph 4**



**Specific areas of work:**

8. **City Recycling Facilities** – The five inner-city recycling facilities diverted 84.5 tonnes of recyclable material during this period.
9. **Glass Recycling in the Tertiary Precinct** – The glass bottle banks diverted 32.7 tonnes of glass in the Tertiary Precinct area during this period.
10. **Rural Recycling** – Due to good patronage at the trial rural recycling collection service in Momona, this service has now been extended to the end of June 2023. The use of this service has been at a similar level to the service offered at Pukehiki.
11. **Polystyrene Recycling** – This service is available through the Green Island Resource Recovery area and Mitre 10 Mega Dunedin store. During this nine month period 594m<sup>3</sup> of polystyrene has been diverted from landfill.
12. **Kerbside Recycling** – A total of 5,233 tonnes of mixed recycling and glass were diverted in the year to date. This represents a decrease of 1% based on the same period in 2020 when a total of 5,293 tonnes were diverted. Contamination has decreased from 809 tonnes in 2020/21 to 661 tonnes for the same period in 2021/22.

**Other areas of work:**

13. **Green Island Landfill and Transfer Station Management** –The capping, borrow area and landfill gas works contract commenced with Downer onsite during February. If a dry autumn and early winter are encountered, works are likely to be substantively complete by June.
14. **Waikouaiti Landfill** – Final capping of the closed landfill has been completed, with final landscaping and planting to be undertaken during April.
15. The OneCoast Community group has begun waste minimisation activities on the recently redeveloped area of the Waikouaiti Transfer Station.
16. **Public Places Recycling Bins** – The procurement of replacement public places recycling bins has been completed and the preferred supplier has been selected. This procurement will involve an ongoing programme of replacing existing bins with new style bins in line with current best practice and consistent with other districts, including the facility to add remote level monitoring.
17. **City recycling facilities** - A potential new site for an additional facility on Great King Street has been identified. Co-ordination of design work is underway.
18. **Plasterboard recycling** – A new plasterboard recycling service has been established at Green Island Transfer Station. This service accepts clean plasterboard offcuts which will be transported to Christchurch for recycling. The service has had its first collection and has diverted 1,350 Kg to date. Advertising for this service is beginning to increase uptake.
19. **Waste Futures Project** – Phase Three of the project is now underway. This phase consists of technical and legal support for the duration of the Smooth Hill resource consent process which was publicly notified on 18 September 2021. Submissions closed at 5 pm on Monday 15 November 2021, and hearings will occur from 16 – 27 May 2022.
20. The next phases of this project are also underway. These involve the procurement process for kerbside services and waste diversion infrastructure as adopted by Council in the 10-year plan 2021-31, as well as preparing for the expiry of Green Island landfill resource consents in October 2023.

# Council rejects waste option

■ WYATT RYDER

A DUNEDIN landfill operator says his company has almost exactly what the city requires for its rubbish needs, but the city council is too committed to building a new site itself to consider it.

With time running out on the Dunedin City Council's Green Island landfill, plans to develop a new landfill at Smooth Hill are in motion.

Now, a new report for the Otago Mayoral Forum suggests neighbouring Clutha and Waitaki could truck waste to Dunedin if the city establishes a new Class 1 landfill.

But Nash & Ross managing director Mick Ross said there was no need for a new one as his company's Kaikorai Valley Rd landfill had almost everything the city needed.

Nash & Ross recently bought a green waste processing site in McLeod Rd, which used a shredder to compost waste for reuse, he said.

The only items the business could not process were food and medical waste.

The company also had a suitable building which could be converted into a transfer station for food and medical waste to be sent to out-of-town processing facilities.

For the proposal to work, residents would have to be diligent about separating their waste out correctly, such as with the upcoming four-bin system being implemented by the council next year, he said.

The business was keen to work alongside other waste management businesses to create a cheap and effective system.

The company had tried to make a case for the landfill as the best solution, but the council "didn't really want a bar of it".

Mr Ross believed the council wanted one business to manage every aspect of its operation, which ruled out locals.

The council had "stubbornly" picked its option and stuck to it, regardless of there being better solution available, he said.

Building a landfill was not as simple as finding a gully and

filling it with rubbish, he said.

It was an expensive and complicated facility, which would cost millions to build.

"It's going to cost a fortune.

"We've already got most of what they want."

Environmental Consultants Otago principal and senior environmental planner Ciaran Keogh said the Nash & Ross site was the best in Otago for landfilling and waste reprocessing.

The firm worked with Nash & Ross and processed its applications, so he was familiar with the logistics of the site and the business, he said.

Nash & Ross had about 2 million cu m of available space and potential for further expansion, Mr Keogh said.

It could take about 20 years of the city's waste without any waste recovery or reduction being undertaken.

The future of waste disposal was "at a point of considerable flux" with government policy leaning towards recycling instead of landfilling.

Even without having the facilities to process food waste on site, Nash & Ross had

"physically the best site in the region", he said.

"Food and other organic wastes should not be going into landfills of the future."

The contentious Smooth Hill landfill plan has been in the public eye since a string of public meetings in Brighton nearly two years ago.

Last year, the overwhelming majority of 283 submissions were against the city council's plan.

Council consents to operate the Green Island landfill expire in October next year.

Council waste and environmental solutions group manager Chris Henderson said the council assessed alternative sites and technologies as part of the resource consent application process for the proposed Smooth Hill site.

He was unable to comment further, he said.

Hearings on the Smooth Hill site are due to begin next month.

wyatt.ryder@odt.co.nz

It's going to cost a fortune. We've already got most of what they want.