A Year in Review 2015-2016
WasteNet Southland Annual Report
Foreword by the Chair of WasteNet Southland

WasteNet Southland is an important shared service operated by the Gore District Council, Invercargill City Council, and Southland District Council. In the past 12-months we have collected and processed over 59,300 tonnes of discarded materials, of which 24 percent (or 14,500 tonnes) was diverted from landfill.

This is our fourth full-year report as a joint committee and I am pleased to report that we are continuing to make good progress with the implementation of our Southland Waste Management and Minimisation Plan 2012-2018 goals. We have achieved a 24% diversion rate which is progress towards our target of 40%.

Food has been on our minds this year, with the launch of the national Love Food Hate Waste behaviour change campaign. The Southland launch resulted in collaboration with four key partners, 12 corporate sponsors to create five events for the community. We were able to directly engage with 268 participants, who have the potential to reduce their annual household food waste by a combined 8,000 kilograms.

Our thanks goes to the eight community groups and schools who voluntarily cleaned up our roadsides, beaches and coastlines this year. These groups collectively uplifted 4,570 tonnes of rubbish.

The Action Plan introduces Key Performance Indicators to better quantify our achievement of goals by setting, monitoring and measuring against a standard or target. As this is the first year, we are starting with getting an understanding of our current or baseline data. In the 2017-2018 we will be able to set realistic and practicable goals and/or targets.

This report covers all operational activities of WasteNet Southland, which includes reporting against performance measures and our financial performance. As always, we appreciate your feedback on the work that we have done and welcome all suggestions of how we can continue to lead Southland towards a culture of “Waste is a Resource”.

Councillor Nicky Davis
Chair, Waste Advisory Group
Welcome to WasteNet Southland

WasteNet Southland is an important shared service between the Gore District Council, Invercargill City Council and Southland District Council and is the committee that co-ordinates waste management and minimisation for the region, including one waste plan, one landfill contract and one regional service contract.

Established in 2000, WasteNet Southland’s unique model is known throughout New Zealand as a positive example of regional co-ordination and collaboration.

WasteNet Southland (WasteNet) is funded through revenue sourced from the Southland Regional Landfill and the WasteNet Councils (Gore District Council, Invercargill City Council and Southland District Council).

Our Responsibilities

The WasteNet Councils (territorial authorities) are responsible for providing the effective and efficient minimisation and management of waste. This is achieved through the provision of four key services:

- Kerbside recycling and rubbish collection
- Processing of dry recyclables
- Southland Regional Landfill
- Communication and Education Services

How We Work

These are principles by which we work to achieve our outcomes:

- **Sustainable management** – managing the use of Southland’s resources such that people are able to meet their own needs, without compromising the needs of others, both now and into the future.

- **Global citizenship** – our responsibility to protect the environment extends beyond Southland and New Zealand borders.

- **Kaitiakitanga/Stewardship** – all Southlanders are responsible for looking after the environment, and for the impact of products and waste they make, use and discard.

- **Extended producer responsibility** – Producers have a degree of responsibility for their products throughout the products lifecycle, from production through to final disposal.

- **Full-cost pricing** – the environmental effects of production, distribution, consumption and disposal of goods and services should be consistently costed and charged as closely as possible to the point they occur.
- **Lifecycle principle** – products and substances should be designed, produced and managed so all environmental effects are accounted for and minimised during generation, use, recovery and disposal.

- **Precaution principle** – where there is a threat of serious or irreversible damage, lack of full scientific certainty should not be a reason for postponing cost-effective measures to prevent environmental degradation or potential health effects.

WasteNet Southland operates numerous activities, processes and services for Southlanders in delivering the vision of the Waste Plan. The Invercargill City Council was contracted to take the lead and deliver the Annual Action Plan 2015-2016 in collaboration with the WasteNet Councils.

**Meet our Waste Advisory Group**

Councillor Cliff Bolger  
Gore District Council

Councillor Nicky Davis  
Chairperson  
Gore District Council

Councillor Rodney Dobson  
Southland District Council

Councillor Neil Paterson  
Southland District Council

Councillor Ian Pottinger  
Deputy Chair  
Invercargill City Council

Councillor Lindsay Thomas  
Invercargill City Council
Meet our Waste Management Group

Ian Evans
Water and Waste Manager
Southland District Council

Malcolm Loan
WasteNet Representative
Drainage and Solid Waste Manager
Invercargill City Council

Paul Withers
District Assets General Manager
Gore District Council
## Our Vision

### WasteNet Vision

**Waste is a resource**

Goals: what we want to achieve

| Working together to improve the efficient use of resources | Use the waste hierarchy to guide decision making | Reduce the harmful effects of waste on our health and environment |

Objectives: How we will achieve our goals

| Reduce the amount of material entering the waste stream | Reuse or repurpose material so it has a life before recycling or disposal | Reduce the amount of material sent to final disposal by maximising recycling | Make the best use of recoverable waste as a renewable resource | Appropriate treatment and disposal of waste for the protection of our health and environment |

Aim: As a result of our actions

By 1 July 2018, Southland will maintain a materials discarded per capita figure of 650 kilograms, comprising 40% diverted materials.

Principles: we will work by

| Citizenship | Stewardship | Responsibility | User Pays | Life-cycle | Precaution |
Performance Measures

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achieved</td>
<td>Project completed</td>
</tr>
<tr>
<td>Satisfactory</td>
<td>Meeting or exceeding expectations</td>
</tr>
<tr>
<td>Progressing</td>
<td>Project outcomes not yet achieved but improvement over last year</td>
</tr>
<tr>
<td>Improvement needed</td>
<td>Project outcomes not yet achieved, no improvement over last year</td>
</tr>
<tr>
<td>No result</td>
<td>Project not yet started</td>
</tr>
</tbody>
</table>

This year the Action Plan introduces Key Performance Indicators (KPI) to quantify the achievement of goals by setting, monitoring and measuring against a standard or target. As this is the first year, we are starting with getting an understanding of our current or baseline data. In the Action Plan 2017-2018 we will set realistic and practicable goals and/or targets.

Financial Performance

To provide a financial comparison between projects we have included the cost-per-person for each programme. For example this Action Plan cost $427,000 to implement, this equates to $4.57 per person (based on the 2013 census data for Southland regional population of 93,342).

This report includes a basic overview of the shared services financial performance. For more information of our financial performance please see the Financial Report 2015-2016 presented in the August 2016 Committee Meeting.

Caption: Group photo of Da Vinci’s Pizza Night as part of the Love Food Hate Waste campaign in June 2016.
Part One: Shared Service

WasteNet’s aim is to provide the co-ordinated delivery of waste management and minimisation for the WasteNet Councils. To achieve this aim we have developed a set of short and long term objectives. The table below summarises our performance measure results.

### Summary of performance measure results

<table>
<thead>
<tr>
<th>Objective</th>
<th>Performance Measure 2014-2015</th>
<th>Performance Measure 2015-2016</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>To educate and support the community in relation to waste minimisation and resource efficiency.</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
<td>▪ 3,325 adults participated in the community programme (e.g. attended workshops, events, toured facilities). Increase of 170% from last year. ▪ Over 34,900 people visited the website (34% increase from last year).</td>
</tr>
<tr>
<td>To provide waste minimisation support and education to Southland Schools.</td>
<td>Improvement needed</td>
<td>Satisfactory</td>
<td>▪ Over 1,708 students received waste education (31% increase from last year).</td>
</tr>
<tr>
<td>To administer the regional contracts and project manage activities in collaboration with applicable WasteNet Councils.</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
<td>▪ The regional contracts are operating well. Health and Safety has been a significant focus due to upcoming legislative changes.</td>
</tr>
<tr>
<td>To track the implementation of the Southland Waste Management and Minimisation Plan 2012-2018 by the WasteNet Councils and contribute towards the Waste Minimisation Act 2008 requirements</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
<td>▪ The Regional Waste Data Management System tracks the plan implementation. Data from this system is used to complete the Ministry for the Environments reporting requirements.</td>
</tr>
<tr>
<td>Promote the effective and efficient waste minimisation and management in its territory in accordance with the principles outlined in the New Zealand Waste Strategy.</td>
<td>Progressing</td>
<td>Progressing</td>
<td>▪ Regular use of radio, print and social media. ▪ Three campaigns were held – Recycle Week, Waste Awareness and Foodwaste.</td>
</tr>
</tbody>
</table>
Part Two: Taking Action

Making Waste Visible

In the past 12-months the focus has been “making waste visible” through initiatives such as building partnerships with the community, encouraging waste assessments, use of social marketing to promote waste awareness and participation in the national Love Food Hate Waste campaign.

In December 2014 the WasteNet Councils adopted the Kerbside Recycling and Rubbish Collection Policy, the purpose of which is to (a) reduce contamination in the recyclable and residual waste collection streams and (b) to educate participants on how to use the kerbside recycling and rubbish collection service.

Education Programme

Communications are an integral part of waste minimisation and management. For consumers and businesses to participate fully, they need to know clearly what the services are, what the service rules are, why they should participate and what happens afterwards.

In July 2013 the Committee adopted its long-term communication and education strategy titled “Waste is a Resource – a communication and education strategy”. The goals for this programme are (1) recognise that waste is a resource and (2) take action to improve the use of resources.

The groups of activities delivered are:

- Kerbside services
- Schools
- Waste guide and exchange
- Advocacy to Central Government

Financial Performance

The Education Programme had an overall budget of $215,000. The programmes actual expenditure was under budget by 6%, with a total cost of $202,000. This equates to $2.16 per person.
Summary of Key Performance Indicators

Kerbside Service

Percentage of contamination in the yellow recycling bins

- 2015-2016: 15%

Percentage of customers contacted who feel confident when sorting their waste
- No data is available for this measure due to this being the first year of reporting.

Monthly average number of visitors to wastenet.org.nz website

- 2015-2016: 2,911

Percentage of First Strikes issued

- 2015-2016: 90%

Percentage of Second Strikes issued

- 2015-2016: 9%

Percentage of Third Strikes issued

- 2015-2016: 1%

School

Number of students that received waste education

- 2015-2016: 1,708

Number of schools that have set up and maintain a school recycling system
- No data is available for this measure due to this being the first year of reporting.

Percentage of students that have a raised waste awareness

- 2015-2016: 100%
Waste Guide & Exchange
Average number of visitors to the orangepages.co.nz
- No data is available for this measure due to this being the first year of reporting.

Number of enquiries

<table>
<thead>
<tr>
<th>Year</th>
<th>Enquiries</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>12</td>
</tr>
</tbody>
</table>

Food Waste
Number of participants attending events/workshops

<table>
<thead>
<tr>
<th>Year</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>268</td>
</tr>
</tbody>
</table>

Percentage of customers satisfied with information provided by WasteNet

<table>
<thead>
<tr>
<th>Year</th>
<th>Satisfaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>100</td>
</tr>
</tbody>
</table>

Garden Waste
This project did not take place due to change in priorities.

Advocate to Central Government
Ministry for the Environment personnel attend a Waste Advisory Group meeting.
- No Ministry staff attended a Waste Advisory Group meeting this year.

Caption: Kate Meads at her Food Lovers Masterclass.
Sourced from Southland Express.


Community Programme

Everyone creates waste. The Southland Waste Management and Minimisation Plan recognises that individuals must take responsibility for their waste. The focus for this programme is working in partnership with the community to meet our vision of “waste is a resource”.

The groups of activities delivered are:

- Support and advice to businesses
- Public place and event recycling
- Community education

Financial Performance

The Community Programme had an overall budget of $150,000. The programme’s actual expenditure was under budget by 22%, with a total cost of $132,000. This equates to $1.41 per person.

Summary of Key Performance Indicators

Public Place and Event Recycling
Number of enquiries for assistance

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-16</td>
<td>5</td>
</tr>
</tbody>
</table>

Number of public events that provided recycling services
- No data is available for this measure due to this being the first year of reporting.

Weight of materials recovered from public events
- No data is available for this measure due to this being the first year of reporting.

Management of littering/fly dumping
Number of community clean ups held

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-16</td>
<td>8</td>
</tr>
</tbody>
</table>

Kilograms of rubbish disposed to landfill from community clean ups.

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-16</td>
<td>4,570</td>
</tr>
</tbody>
</table>
Cloth Nappy Workshops
Number of participants attending events/works

<table>
<thead>
<tr>
<th>Year</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>116</td>
</tr>
</tbody>
</table>

Percentage of customers satisfied with information provided by WasteNet

<table>
<thead>
<tr>
<th>Year</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>100</td>
</tr>
</tbody>
</table>

e-Waste Solution
This project did not take place due to a change in priorities.

Waste Minimisation Fund
This project did not take place due to a change in priorities.

Southland Waste Exchange
This project did not take place due to a change in priorities.

Caption: Waste audit with Lee Street Kindergarten and special guest Rex the Rescue Bear.
Regulatory Programme
The WasteNet Councils have responsibilities to meet both public health protection and legal requirements to promote effective and efficient waste management and minimisation. WasteNet provides these services on behalf of the WasteNet Councils.

The group of activities delivered are:

- Performance reporting to the Waste Management Group
- Awareness of current issues and technologies
- Membership of the Waste Management Institute of New Zealand (WasteMINZ)

Financial Performance
The Regulatory Programme had an overall budget of $18,000. The programme’s actual expenditure was over budget by 305%, with a total cost of $55,000. This equates to $0.59 per person.

The following three projects resulted in the over spend in this programme:

- Service Delivery Review (section 17A Local Government Act)
- Health and Safety project
- Contribution to Envision NZ Glass Container Deposit System Report

Summary of Key Performance Indicators

Regional Data Management Systems
- No baseline data was identified in the Action Plan.

Internal Waste Management and Minimisation Policy
This project did not take place due to a change in priorities.

Upgrading Transfer Stations to Resource Parks
This project did not take place due to a change in priorities.

Hazardous Waste Management
This project did not take place due to a change in priorities.
Administration and Contract Management
WasteNet provides the daily operational and contract management services for the following WasteNet Council contracts:

- Southland Regional Landfill
- Collection and Transfer Stations
- Processing dry Recyclables

The group of activities delivered are:

- Performance and financial reporting to the Committee
- Annual Action Plans
- Investigation of the extension of kerbside recycling and rubbish collection areas

Financial performance
This programme had an overall budget of $38,000. The programmes actual expenditure was on budget. This equates to $0.41 per person.

Summary of Key Performance Indicators

**Southland Regional Landfill**
Tonnage of rubbish disposed of to landfill

<table>
<thead>
<tr>
<th>Year</th>
<th>Tonnage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>44868</td>
</tr>
</tbody>
</table>

**Recyclables acceptance**
Tonnage of materials recycled

<table>
<thead>
<tr>
<th>Year</th>
<th>Tonnage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>6375</td>
</tr>
</tbody>
</table>

**Kilograms of contamination in the recycling**

<table>
<thead>
<tr>
<th>Year</th>
<th>Kilograms</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>936</td>
</tr>
</tbody>
</table>
Collection and Transfer Station Services
Tonnage of rubbish in the Council red rubbish bins

| 2015-2016 | 16,481 |

Number of customers who used the Transfer Stations
- No data is available for this measure due to this being the first year of reporting.

Percentage of customers satisfied with the Transfer Station Service
- No data is available for this measure due to this being the first year of reporting.

Extension of kerbside recycling and rubbish collection area
- No data is available for this measure due to this being the first year of reporting.

Caption: Kate Meads and Fiona Smith (AB Lime) touring the Southland region landfills.
Part Three: Making Progress

The primary focus of this part of the report is to summarise the overall work programme for the year, and check progress against the Southland Waste Management and Minimisation Plan 2012-2018 Plan, six year aim – to maintain a material discarded rate of 650kg per person, of which 40% is diverted materials.

Financial Performance
The WasteNet Action Plan 2015-2016 had an overall budget of $421,000. It is noted that this figure excludes the contract costs associated with the Landfill, processing dry Recyclables, and Collection and Transfer Station Services Contract.

This year’s Action Plan was over spent by less than 1% with a total cost of $427,000. This equates to $4.57 per person.

The main expenditure was the Education and Community Programmes, which also has the largest number of projects allocated to the programme. For more information on the shared services financial performance, see the Financial Report 2015-2016 presented in the August 2016 Committee Meeting.

Progress towards the Aim
The Southland Waste Management and Minimisation Plan 2012-2018 is working towards a materials discarded per capita figure of 650 kgs, comprising a 40 percent diverted materials rate (by July 2018). In 2015-2016 we achieved a materials discarded figure of 653 kg comprising 24% diverted materials (see Figure 1).

Notes:

1. The Landfill received 24% more solid waste this year, due to irregular industrial customer in January and February 2015
2. The demolition of the Alliance Freezing Works Mataura Plant increased the diverted material figure for both 2013/2014 and 2014/2015
Figure 1. Progress towards Aim

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</tr>
</thead>
<tbody>
<tr>
<td><strong>Diverted</strong></td>
<td>126.50</td>
<td>150.45</td>
<td>162.71</td>
<td>403.15</td>
<td>320.33</td>
<td>159.07</td>
<td>260</td>
<td></td>
</tr>
<tr>
<td><strong>Landfilled</strong></td>
<td>521.72</td>
<td>489.17</td>
<td>489.90</td>
<td>456.56</td>
<td>582.92</td>
<td>493.75</td>
<td>390</td>
<td></td>
</tr>
</tbody>
</table>