

Activity 8.2: Organic Material Collection and Composting

Accountable Manager: Mark Christison

What services are provided?

- Domestic kerbside collection for organic material (food and garden waste)
- Organics processing, including operation of the composting plant

Why do we provide these services?

- The Council provides organic collection and green waste drop-off services to maximise the beneficial use of this resource and to minimise waste
- To meet our obligations in the Solid Waste Management Plan 2006, Sustainability Policy as approved by Council, and Waste Minimisation Bylaw
- To provide an economically sensible way to reuse organic material rather than disposal to landfill

What outcomes are we trying to achieve?	How do the services contribute to desired outcomes?
There is a reduction in waste	<i>Providing convenient, reliable and safe organic waste management services and facilities reduces the amount of waste material going to landfill, and maximises the beneficial use of collected organic material.</i>

Which group or section of the community will benefit from this activity?:

Christchurch residents, visitors to Christchurch, rate payers, commercial and industrial businesses (domestic quantities only), compost users, farms, land rehabilitation, developers and Council parks.

Key legislation:

Waste Minimisation Act 2008; Local Government Act 2002; Hazardous Substances and New Organisms Act 1996; Climate Change Response Act 2002; Health Act 1956; Resource Management Act 1991

Customer

What business results must we deliver to our customers, to deliver on the outcomes?

Performance Standards for LTP

Performance Standards for LTP	Current performance	Benchmarks	Recommended LOS	Rationale	LTP Committee Direction
Domestic kerbside collection for organic material (food and garden waste)					
8.2.1 Amount of organic material collected at Council facilities and diverted for composting.	2009/10 187 kg / person / year (69,606 tonnes) 2010/11* 151 kg / person / year (56,902 tonnes) 2011/12+ 180 kg / person / year (67,320 tonnes) * EQ affected tonnage + 12 months rolling tonnage to 30/4/12	Timaru District Council reported 242 kg / person/ year organic waste composted	Greater than 175 kg +30%/- 10% organic material collected at Council facilities and diverted for composting facility / person / year	Measuring the organic material diverted from landfill by Council facilities and diverted for composting and used for beneficial purposes. Supports & delivers Council's Sustainability Policy and Solid Waste Management Plan 2006.	Accepted

Customer

What business results must we deliver to our customers, to deliver on the outcomes?

Performance Standards for LTP

Performance Standards for LTP	Current performance	Benchmarks	Recommended LOS	Rationale	LTP Committee Direction
Domestic kerbside collection for organic material (food and garden waste) (cont'd)					
8.2.2 Kerbside wheelie bins for organic material emptied by Council	The following level of service has been achieved 2009/10 99.89% 2010/11 99.76% 2011/12 99.75%	Timaru District Council an average of 99.2% of all kerbside bins collected	At least 99.5% kerbside wheelie bins for organic material, emptied when correctly placed at the kerbside each week	Measuring and managing collection performance for kerbside collection services and ensuring high quality organic feedstock for the Organics Processing Plant.	Accepted
8.2.3 Customer satisfaction with kerbside collection service for organic material	In 2009/10 77% of people surveyed were happy with the collection service for organic material In 2011/12 82% of people surveyed were happy with the collection service for organic material	Timaru District Council Annual Report 2010/11 91% satisfaction with waste management services	At least 80% of customers satisfied with Council's kerbside collection service for organic material each year	Measuring and managing customer satisfaction with Council kerbside collection services	Accepted

Customer

What business results must we deliver to our customers, to deliver on the outcomes?

Performance Standards for LTP

Performance Standards for LTP	Current performance	Benchmarks	Recommended LOS	Rationale	LTP Committee Direction
Organics processing, including operation of the composting plant					
8.2.4 Proportion of incoming organic material that is contaminated and sent to landfill	12 months rolling 2009/10 the contamination was 0.71% 2010/11 the contamination was 0.12% 2011/2012 the contamination was 0.07% Note there has been a change from decontamination at the front-end of process to end-of-process decontamination. This has meant waste recirculation onsite which has resulted in less waste to landfill.	Timaru District Council reported the following contamination percentages over a 5 year period: 0.29% 4.67% 3.45% 2.36% 1% Kemps Creek SAWT Compost Plant Penrith Council Sydney – contamination greater than 20% by weight. Campbelltown, Sydney greenwaste collection only – contamination 2.5% by weight.	Less than 2.5% (by weight) contamination of incoming organic material	Measuring the level of contamination of incoming organic material to be processed by the Organics Processing Plant. Also measures the effectiveness of public education initiatives to achieve the right kerbside behaviour.	Accepted

Customer

What business results must we deliver to our customers, to deliver on the outcomes?

Non- LTP Performance Standards

Non-LTP Performance Standards	Current performance	Benchmarks	Recommended LOS	Rationale	LTP Committee Direction
Organics processing, including operation of the composting plant (cont'd)					
8.2.5 Consent compliance for operation of Council's Organics Processing Plant	Zero breaches of resource consents by Council's solid waste facilities No abatement notices served.	Timaru District Council 100% compliance with resource consents for Council waste management facilities	No major or persistent breaches of consents set for the Council's Organics Processing Plant each year, as reported by Environment Canterbury or Christchurch City Council	Measuring compliance with Resource Consent conditions and City Plan regulations as reported by Environment Canterbury and Christchurch City Council. Note the Organics Processing Plant is operated and maintained under long-term contract.	Accepted
8.2.6 Quality of compost produced by Council's Organics Processing Plant	Compost meets New Zealand Compost Standard 4454:2005	New Zealand Compost Standard 4454:2005	100% compost sold by Council's Organics Processing Plant meets requirements of New Zealand Compost Standard 4454:2005 each year	Measuring the quality of compost being produced by Council's Organics Processing Plant. The quality standard provides Council with confidence when applying this material to Council owned open spaces.	Accepted