

CANTERBURY WASTE JOINT COMMITTEE AGENDA

MONDAY 9 AUGUST 2010

AT 11.30AM

IN THE NO 3 COMMITTEE ROOM, CIVIC OFFICES

Committee: Councillor Sally Buck (Christchurch City Council)
Councillor Robbie Brine (Waimakariri District Council)
Councillor Matt Henderson (Waimate District Council)
Councillor John Ransley (Kaikoura District Council)
Mayor Garry Jackson (Hurunui District Council)
Councillor Pat Mulvey (Timaru District Council)
Councillor Lindsay Philips (Selwyn District Council)
Councillor Dave Pullen (Mackenzie District Council)
Councillor Bob Shearing (Christchurch City Council)
Councillor Bev Tasker (Ashburton District Council)
Councillor Mike Wall (Christchurch City Council)

Principal Adviser
Jane Parfitt
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Janet Anderson
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- 6. PARTICIPATION OF ENVIRONMENT CANTERBURY IN THE CANTERBURY WASTE JOINT
COMMITTEE**

9. 8. 2010

- 1. APOLOGIES**
- 2. MINUTES OF A MEETING HELD 9 NOVEMBER 2009**

Attached.

3. REPORT BACK ON WASTE MINIMISATION PROJECTS 2009/10

General Manager responsible:	General Manager, City Environment, DDI 941-8608
Officer responsible:	Water and Waste Manager
Author:	Zefanja Potgieter, Senior Resource Planner

PURPOSE OF REPORT

1. To report back on waste minimisation projects for 2009/10.

BACKGROUND

2. On 10 August 2009 the committee approved the following projects

Project	Service Provider / Project Manager	Budget \$	Actual \$
Compost product development (third year of a three year project)	Crop and Food Research	33,750	30,000
Promotion of waste management at events	Timaru District Council staff	38,000	32,000
Business resource efficiency (outside Christchurch)	Target Sustainability	26,000	33,464
Evaluation of web based education tool for schools	None	1,000	0
Collection of used Eco-bulbs	Target Sustainability	32,000	32,772
Investigate use in the region of bylaws to restrict disposal when other options are in place	Waimakariri District Council staff	0	0
Promoting sustainable procurement options to member councils by way of workshops	None	500	0
TOTAL		\$132,250	\$128,236
<i>Unspent</i>		<i>(18,750)</i>	<i>(21,764)</i>

3. As can be seen from the table above the Committee authorised \$132,250 expenditure from a potential \$150,000. By the end of the financial year \$128,236 had been spent. A report-back on each project follows.

Compost Product Development

4. Field trials using municipal compost sourced from Timaru and Christchurch over a period of three years are progressing on multiple sites in Canterbury. *Plant and Food Research* are conducting this research on behalf of partners including the Canterbury Waste Joint Committee (CWJC), Transpacific Industries, Foundation for Agricultural Research and Environment Canterbury. A successful bid to the Sustainable Farming Fund is greatly supporting this project. The total project costs from all sponsors is \$276,000 per year.
5. A successful field day, attended mainly by growers, researchers, farm advisors and the media was held at Lincoln on the 4 March 2010. A handout summarising the research is attached along with two articles published as a result of the field day.
6. A trial at Karina Downs, near Timaru, is into its third year. Results show a single application of compost had a strong effect on crop yield in the first two years, but less effect in the third year. Measurements will be taken over a five year period.
7. One of the largest and most intensive compost trials in New Zealand has been established near Lincoln. Details of the trial design and some promising initial results were provided at the field day and are attached. A full report on the compost trials to-date, is expected to be completed by Plant and Food Research in August and will be circulated to the CWJC.

3 Cont'd

8. Demonstration sites with billboards have been established in prime locations in Canterbury and will continue to be monitored over time. A forestry conversion demonstration site has been disbanded because of high background variability masking any compost related effect. A replacement site will be established.
9. A project management team comprising of representatives from each of the funding agencies, researchers and host farmers, meet annually to agree logistics. Tony Moore has been representing the CWJC at these meetings. The next meeting has been set for 24 August to review results and consider the coming years programme.

See **Attachments 1, 2, and 3.**

Promotion of Waste Minimisation at Events in Canterbury

10. Canterbury Waste Joint Committee made a sum of money available to all the local governments in our region to provide infrastructure for Zero Waste Events. After discussion with the local authorities concerned, it was decided to purchase bins/lids/ and recycle identifier flags in consistent colours throughout the region. Eight local governments chose to participate, with each receiving several sets of infrastructure.
11. Each set consists of full-body coloured bins in green for composting, yellow for recycling and red for waste to landfill. It was decided not to include signage on the bins or lids, as there are some differences in what products each Council accepts.
12. *WasteWork* bin lids were chosen, as these provide access from both sides of the bins, they are large enough to draw attention, and allow plenty of space for signage. Note that in Timaru we have found that pictures of products are the most effective at getting the message across, especially where alcohol is a feature of the event.
13. *Flexiflags* and bases were also provided, one for each set of bins. These stand 4 metres high, and simply scream RECYCLE in bold black letters on a yellow background.
14. Feedback from the local authorities concerned has been positive.
15. The following District Councils each received four sets of bins, four sets of lids and one flag per set: Waimakariri, Selwyn, Hurunui, Kaikoura, Ashburton, Timaru, Waimate and McKenzie.

Business Resource Efficiency (outside Christchurch)

Dudley Park Aquatic Centre, Rangiora

16. 99 per cent of demolition related materials were diverted from landfill and cleanfill which equated to an estimated 1823 tonnes diverted.
17. 74 per cent of construction related materials were diverted from landfill and cleanfill which equated to an estimated 52 tonnes diverted.

Case study will be presented at the meeting.

CMP Rakaia – Selwyn

Reduced electricity consumption by 16 per cent.
Reduced LPG use by 22.8 per cent.
Waste collections reduced from weekly to fortnightly.

New stock wash will reduce water use by approximately 7m³ per set of animals washed.

Case study will be presented at the meeting.

3 Cont'd

Mountain River Processors - Selwyn

Reduced waste being incinerated by an estimated 75 per cent
Reduced electricity consumption by 11 per cent.

Case study will be presented at the meeting.

Designline - Selwyn

Waste audit, energy assessment and water audit completed. The company will be working on implementing resource efficiency initiatives during this financial year.

Continental Event Hire Division and Continental Event Catering and Head Office - Rangiora

18. Waste audit, energy assessment and water audit completed. The company will be working on implementing resource efficiency initiatives during this financial year.

Timaru Hospital

19. Reduced waste to landfill by 50 per cent. Diverting approximately 500 kilogrammes of food waste per week from

Barker's of Geraldine

20. Reduced waste sent to landfill from twelve skips per week to seven skips. Diverting one tonne of food waste per week to the Timaru District Council composting facility.

Case study will be presented at the meeting.

Dominion Breweries Mainland Brewery

21. 96 per cent of glass sent to Fulton Hogan Roding. 2 per cent increase in paper and cardboard recycling by increasing collection cages.

Case study will be presented at the meeting.

- 22.. Report back: Compact Fluorescent Bulb Take back Trial

59 Canterbury hardware, lighting and electrical stores were contacted to see if they were interested in participating in a trial take back compact fluorescent bulb collection system in their store.

An update on the progress of the trial will be presented at the meeting.

Evaluation of Interactive Web-based Resource for Schools

23. The Committee decided not to proceed with this project when it compared the actual \$5,000 quote to the budgeted \$1,000.

Bylaws to restrict disposal

24. Waimakariri District Council staff have prepared a new solid waste bylaw that ensures waste management in the District is undertaken by all waste operators (Council-contracted and private alike) in a safe, effective and efficient manner, without causing nuisance, and also enables the Council to restrict the disposal of specific wastes in future. The Council formally adopted the bylaw in June 2010. It is available in Microsoft Word format for all Canterbury Council staff on request, and is attached as **Attachment 4**.

3 Cont'd

Promoting sustainable procurement options to member Councils by way of a staff workshop

25. This workshop is now planned for the 2010/11 year.

Potential project: Options for non-recyclable plastics

26. This potential project, in conjunction with SIFT did not proceed due to SIFT not proceeding with

Potential project: Public place infrastructure

27. After consideration by Staff, this potential project was not proceed with, and is not recommended for further action.

SUMMARY

28. The compost product development and business resource efficiency projects extend over more than one year and continue to contribute potentially long term benefits to the community. The provision of materials to promote waste minimisation at events in the district council areas and the compact fluorescent bulb scheme projects were new initiatives with positive outcomes. The provision of a new bylaw to enable territorial authorities to exercise control over what is sent to landfill when there are existing alternatives will assist communities in working towards zero waste targets as set out in the New Zealand Waste Strategy.

STAFF RECOMMENDATION

- (a) That the information be received.
- (b) That the staff and agencies responsible for the successful completion of the different projects be thanked.

4. PROPOSED REGIONAL WASTE MINIMISATION PROJECTS 2010/2011

General Manager responsible:	General Manager, City Environment, DDI 941-8608
Officer responsible:	Water and Waste Manager
Author:	Zefanja Potgieter, Senior Resource Planner

PURPOSE OF REPORT

1. To propose regional waste minimisation projects for 2009/10.

BACKGROUND

2. The following projects are proposed for consideration by the Committee, amounting to \$144,368 out of a potential \$150,000.

Project	Service Provider / Project Manager	Budget \$
Compost product development (third year of a three year project)	Crop and Food Research	30,000
Business resource efficiency	Target Sustainability	39,300
Promoting sustainable procurement options to member councils by way of workshops	None	500
E-Scrap recycling	Staff	18,300
Zero Waste Event Policy	Staff	3,000
Raising waste-awareness in the community – cinema advertisements	Staff	15,000
Template for territorial authority waste minimisation web pages ("E-Book")	Staff	20,000
On-the-road-recycling	Staff	18,268
TOTAL		144,368

Compost Product Development

4. It is proposed that the Committee complete its three year commitment to this project into its third year, and authorise \$30,000 toward that.

Business Resource Efficiency

5. Resource Efficiency Programme for a total of seven new Canterbury business members. These business members are to be recruited from the Timaru, Waimate and possibly other districts.
6. Complete resource efficiency programme with three current Canterbury business member sites. These business sites include Design line in the Selwyn District and two Continental Catering sites in the Waimakariri District.

Promoting sustainable procurement options to member councils by way of a staff workshop

7. This workshop is now planned for the 2010/11 year.

4 Cont'd

8. E-Scrap recycling

Project	E-SCRAP RECYCLING																			
Total Cost	Year 1 \$18,300 Year 2 \$47,500 (to be confirmed for that year)																			
Time Frame	Two year project.																			
Region	Year 1 – Trial in the Timaru district Year 2 – Canterbury-wide rollout																			
Supervisor	Briony Woodnorth, Timaru District Council																			
Outline	<p>Metalcorp, a scrap metal business in Christchurch, is establishing procedures for handling e-waste (preferably known as e-scrap, i.e. unwanted computers, laptops, batteries, in fact, anything with an electrical cord). They see a market for e-scrap as a commodity and Metalcorp will act as the recycler to process the e-scrap domestically.</p> <p>Nationally, scrap metal dealers will act as collectors and there is potential for councils to act as sub-collectors, providing a framework for people to deliver e-scrap to transfer stations.</p> <p>Timaru District Council proposes establishing a trial at its transfer stations working with a local scrap metal dealer and with Metalcorp to establish best practice for collecting and advertising of this programme.</p> <p>After evaluation, this trial and the infrastructure and advertising could be rolled out across Canterbury.</p>																			
Benefits	<p>This system of collecting e-scrap offers a permanent service to ratepayers to get rid of unwanted computers, laptops, batteries, in fact, anything with an electrical cord. A transfer station is open all year instead of having to wait for one E-day in the year to get rid of e-waste.</p> <p>Working through an established scrap metal dealer offers 99.9% recovery as the computer is fully broken down into its various components and sold as scrap. Local processing expands the local economy by adding value and providing jobs.</p> <p>In the long term, there will be a value to be returned to the sub-collectors and collectors as running the system in this way places a value on the e-scrap as a commodity.</p> <p>Transfer stations offer a wide network of collection points to facilitate the best return of e-scrap.</p>																			
Deliverables	Collection system trial Advertising templates -media releases, posters, radio and cinema advertising																			
Costs Breakdown	<table><tr><td>Pallets and cages for collection</td><td>\$5,000</td></tr><tr><td>Promotion and media management</td><td>\$2,000</td></tr><tr><td colspan="2">by <i>imaginprint</i>, includes liaison, journalism, and photography</td></tr><tr><td>advertising – newspaper-2 x full page ads</td><td>\$1,500</td></tr><tr><td>advertising – newspaper-classified ads</td><td>\$1,500</td></tr><tr><td>advertising –radio</td><td>\$2,000</td></tr><tr><td colspan="2">(based on 1 minute, 3 x daily for a month on 7 stations)</td></tr><tr><td>advertising –cinema</td><td>\$4,000</td></tr><tr><td>posters (design and print 100 A3)</td><td>\$300</td></tr></table>		Pallets and cages for collection	\$5,000	Promotion and media management	\$2,000	by <i>imaginprint</i> , includes liaison, journalism, and photography		advertising – newspaper-2 x full page ads	\$1,500	advertising – newspaper-classified ads	\$1,500	advertising –radio	\$2,000	(based on 1 minute, 3 x daily for a month on 7 stations)		advertising –cinema	\$4,000	posters (design and print 100 A3)	\$300
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Year 2- estimates																				

4 Cont'd

9. Zero Waste Event Policy

Project	ZERO WASTE EVENT POLICY
Total Cost	\$3,000.00
Time Frame	From September 2010 to June 2011
Supervisor	Briony Woodnorth, Timaru District Council
Region	Available for all councils to access
Outline	<p>The purpose of this project is to provide councils with a standardised policy for outlining requirements for zero waste events, taking into account existing policies.</p> <p>Councils offer a lot of support for events. The focus of the policy is to place the organisation of the waste management on the event organiser and make it a compulsory requirement for a council supported event, thereby ensuring proper recycling support services are provided.</p>
Benefits	<p>Increase public use of zero waste event recycling</p> <p>Promote waste minimisation at events by diverting recycling and organics</p> <p>Moving the responsibility for waste management from council to event organisers.</p>
Costs Breakdown	This event will mainly be managed in-house. The \$3,000.00 allows for some consultant's time as required.

10. Raising awareness in the community

Project	RAISING WASTE-AWARENESS IN CINEMAS
Total Cost	\$15,000
Time Frame	September 2010 to June 2011
Supervisor	Ruth Clarke, Timaru District Council
Outline	<p><i>Screen Vista</i> is a company offering cinema advertising. This offers an opportunity to market waste minimisation to a captive audience at the movies. The aim is to provide some messages with themes common to councils across Canterbury, for example "Let's Recycle", "Let's Compost", "Don't burn Treated Timber".</p>
Benefits	<p>This advertising can use graphic and animation to enhance the message and appeal to movie goers. The message may reach a different audience to that of other mediums such as newspaper or radio.</p> <p>Generic messages can be screened across all of Canterbury increasing public awareness.</p>
Costs Breakdown	<p>Estimate for 1 commercial running for 13 weeks on 13 screens, giving a total of 326 spots per week.</p> <p>Detailed costs to be presented at meeting</p>

4 Cont'd

11. Template for territorial authority waste minimisation web pages ("E-Book")

Project	TEMPLATE FOR TERRITORIAL AUTHORITY WASTE MINIMISATION WEB PAGES ("E-BOOK")
Total Cost	\$20,000.00
Time Frame	September 2010 to June 2011
Supervisor	Ruth Clarke and Briony Woodnorth, Timaru District Council
Region	All CWJC councils
Outline	<p>Each of the 9 local governments in Canterbury provides a wealth of information online in the waste field. We all supply more or less the same information, to a greater or lesser degree. The aim of this project is to provide a standardised template for councils to present their waste management information and to simplify access.</p> <p>Each Council's specific information such as fees and charges, transfer opening hours and what goes in their recycling bins would be hosted on their own websites with a link from the e-book. However, all other generic information would be hosted in a standard format on the world wide web by Geon Print. This includes information such as what happens to your paper and your aluminium cans, why recycle, zero waste, worm farming, composting, waste reduction, links to other site, application form for Paint-wise, hazardous waste, etc.</p>
Benefits	<p>Ease of access to information about waste that is relevant to the entire district, instead of searching each Council's website.</p> <p>A brief survey of the 9 Councils shows real gaps in information provided to communities. This project would consolidate and update all information.</p> <p>A large range of generic information can be presented in an attractive on-line format. This saves duplication of effort to produce similar information, has a one-off set up cost, and would mean we are all 'reading from the same page', as it were. The 'book' can be expanded as required.</p> <p>The only pages each Council would be responsible for updating would be the ones relevant to each district (fees, charges, opening hours etc), and as this is already done annually, it would require no extra work.</p> <p>Video links can also be added along with graphics and animation to enhance information.</p> <p>Could also be an educational tool for schools?</p> <p>It can link to a range of websites offering more detailed information.</p>
Deliverables	An on-line 'book' all councils can place on their website for waste management information.
Costs Breakdown	To be presented at the meeting

4 Cont'd

12. On the road recycling

Project	ON THE ROAD RECYCLING (OTRR) – SOUTH ISLAND ROLLOUT	
Total Cost	\$18,268	
Time Frame	Summer 2011 – establish and support drop off points for each region, update and distribute materials (posters, fliers, maps), advertising in local publications, OTRR website updated and links set up to Canterbury sites. Summer 2012 – local networks set up (tourism, council and waste management), advertising in key visitor guides, moving scheme to user pays with bags in campervans.	
Supervisor	Sophie Ward, Wanaka Wastebusters and Ruth Clarke, Timaru District Council	
Region	Already in place in Otago. Canterbury covering the following district councils; Kaikoura, Hurunui, Waimakariri, Christchurch City, Selwyn, Ashburton, Timaru, Waimate and Mackenzie. Canterbury is the key being the tourism gateway the South Island. Other South Island areas being approached independently.	
Outline	This project will set up a system of drop-off points and provide information to travellers to access facilities for recycling while travelling.	
Benefits	<ul style="list-style-type: none">• Reinforcement of New Zealand's commitment to sustainable resource use through the visitor experience of participating in recycling.• Support for the '100% Pure' brand – travellers' practical experience backs up the marketing and their expectations are met.• Litter reduction – recyclables and rubbish more likely to be disposed of appropriately.• Creates a comprehensive network of recycling drop off points across the region.• Cost recovery – recyclers receive some revenue through the user pays bag system to help cover the cost of handling the material	
Deliverables	<ul style="list-style-type: none">• Fliers, posters, stickers, map of drop-off locations, fact sheets for staff and training• Adverts for local media timed for seasonal peaks• Clearly defined network of drop off locations (may include transfer stations, in town sites, holiday parks and accommodation outlets)• OTRR website linked in with key tourism and waste information sites• Communications and media plan (leveraging relationships with stakeholders e.g. AA	
Costs Breakdown	(high level estimates) Project management and coordination \$5,000 Media and communication liaison \$2,700 Travel and Accommodation \$1,918 Advertising \$5,200 Graphic and web design \$2,100 Printing promotional materials \$1,350 Total \$18,268	

4 Cont'd

Waste Exchange funding

13. Environment Canterbury has announced that it won't be funding waste exchanges from July 2010 onwards. This may affect the viability of such schemes in some committee member areas. A discussion paper will be prepared for consideration at a future meeting.

Summary

14. The projects cover a wide variety of projects to be considered at the 9 August meeting.

STAFF RECOMMENDATION

That the Committee consider these project for approval.

9. 8. 2010

5. **STATUS OF THE CANTERBURY WASTE JOINT COMMITTEE: LETTER FROM TIMARU DISTRICT COUNCIL**

General Manager responsible:	General Manager City Environment, DDI 941-8608
Officer responsible:	Unit Manager, City Water and Waste
Author:	Zefanja Potgieter, Senior Resource Planner

1. The attached letter (**Attachment 1**) by Ashley Harper, District Services Manager of Timaru District Council is tabled for discussion.

STAFF RECOMMENDATION

That the Committee receive the letter.

9. 8. 2010

6. **PARTICIPATION OF ENVIRONMENT CANTERBURY IN THE CANTERBURY WASTE JOINT COMMITTEE**

General Manager responsible:	General Manager City Environment, DDI 941-8608
Officer responsible:	Unit Manager, City Water and Waste
Author:	Zefanja Potgieter, Senior Resource Planner

1. A letter (**Attachment 1**) from Commissioner Tom Lambie of Environment Canterbury is tabled for discussion. The letter addresses future participation of Environment Canterbury in the Committee and the Hazardous Waste subcommittee.
2. Commissioner Lambie will address the Committee, assisted by staff.

STAFF RECOMMENDATION

That the Committee receive the letter.