

CHRISTCHURCH CITY COUNCIL

MINUTES OF A MEETING OF THE CANTERBURY WASTE SUBCOMMITTEE

Held in the No 3 Committee Room, Civic Offices
on Monday 11 July 2005 at 10am

PRESENT: Councillor Sally Buck (Christchurch City Council) (Chairperson),
Councillor Robbie Brine (Waimakariri District Council),
Mayor Garry Jackson (Hurunui District Council),
Councillor Pat Mulvey (Timaru District Council),
Councillor Lindsay Philips (Selwyn District Council),
Councillor Bob Shearing (Christchurch City Council) and
Councillor Bev Tasker (Ashburton District Council).

APOLOGIES: Apologies for absence were received and accepted from
Mayor Kevin Heays (Kaikoura District Council),
Mayor Bob Parker (Banks Peninsula District Council),
Councillor James Gibson (Waimate District Council) and
Councillor Sue Wells (Christchurch City Council).

IN ATTENDANCE: Richard English (Twelfth Knight Consulting),
Blue Forsyth (Timaru District Council),
Brian Gallagher (Timaru District Council),
Warren Harwood (NZ Plastic Recycling Ltd),
Dave Hock (Selwyn District Council),
Chris Hopman (Banks Peninsula District Council),
Tammara Page (Ashburton District Council),
Brian Purcell (Waimate District Council),
Kitty Waghorn (Waimakariri District Council),
Bruce Yates (Hurunui District Council),
Darren Patterson and Sarah Tammik (Environment Canterbury),
Mark Christison, Zefanja Potgieter, Diane Shelander and
Simon Collin (Christchurch City Council),
Richard Lloyd, Sarah Gordon and Julie McCloy
(Recovered Materials Foundation).

1. MINUTES OF MEETING OF 9 MAY 2005

It was **resolved** that the minutes of the above meeting be confirmed as a true and correct record.

2. CORRESPONDENCE

Correspondence from Transwaste Canterbury Ltd dated 22 June 2005 concerning a landfill charge for EPS (polystyrene) previously circulated with the agenda was **received**.

At this stage, Warren Harwood (NZ Plastic Recycling Ltd), outlined details of his company's involvement in the processing of EPS (polystyrene). He provided examples of recycling from the recycling plant in Kaiapoi and responded to questions. Richard Lloyd advised that RMF would participate in a suitable trial with NZ Plastic Recycling Ltd concerning EPS and would submit a proposal to the Council in due course.

The Chairperson thanked Warren Harwood for his presentation.

The Subcommittee also resolved to **receive** correspondence from Transwaste Canterbury Ltd relating to the finalised Statement of Intent (SOI) 2005/2008 previously circulated with the agenda.

3. **FEEDBACK FROM RECOVERED MATERIALS FOUNDATION ON THREE WASTE MINIMISATION PROJECTS**

The Subcommittee considered reports from the Recovered Materials Foundation (RMF) on three regional waste minimisation scoping studies. Copies of the reports were previously circulated with the agenda. PowerPoint presentations were also provided and copies of these presentations have been forwarded to members.

Background issues:

- availability of reliable information
- anecdotal vs actual data
- balancing the regional perspective

The presenters also responded to questions from members of the Subcommittee and the summaries and recommendations from the respective reports are set out below:

RECOVERY AND RECYCLING OF WOODWASTE IN CANTERBURY (Sarah Gordon)

The report covered:

1. Introduction
2. Current Woodwaste Management in Canterbury
 - Canterbury territorial local authorities
 - Landfill disposal options
 - Cleanfill pits
3. Reuse, Recycling and Energy Recovery Options for Woodwaste
 - Woodwaste Recovery
 - Current Markets for Woodwaste
 - Solid Energy Renewable Fuels
 - Construction and Demolition Woodwaste
 - Crusaders Construction and Demolition (C&D) Yard*
 - Screening and Crushing Systems*
 - Treated Timber
4. Summary
 - National Construction and Demolition (C&D) Waste Reduction Programme.
 - Local and regional issues for Canterbury.
 - Identified current and potential options for untreated woodwaste and sawdust.
 - Treated timber unsuitable for reuse is the main issue for most TLA's.
 - Treated wood shavings are now a major issue for businesses generating large volumes.
5. Recommendations
 - Identify what can be addressed at a local level, and what requires a regional approach.
 - Liaise with producers of treated sawdust and shavings.
 - RMF to continue discussions with Carter Holt Harvey Fibre Board Plant.

FUTURE WASTE TYRE RECOVERY AND RECYCLING OPTIONS FOR CANTERBURY (Sarah Gordon)

The report covered:

1. Introduction
2. Background
3. Estimated Volumes of Waste Tyres in Canterbury
4. Current End of Life Options for Tyres
5. Current Collection and Processing Infrastructure in Canterbury
6. Potential End of Life Options for Tyres
7. Summary
8. Recommendations

Recommendations

High priority : Further research to confirm current waste tyre generation and end use

1. Research and survey silage contractors operating in the Canterbury/North Otago districts.
2. TLAs to investigate and report back on number and use of cleanfill pits operating in their areas and acceptance criteria – ie: whether waste tyres are acceptable “cleanfill”.
3. TLAs to monitor and record number of waste tyres accepted at refuse transfer stations and note (where possible) end uses by collectors.
4. TLAs to influence tyre suppliers through procurement contracts to become members of Tyre Track programme to ensure that waste tyres are responsibly disposed of.
5. Maintain and continue to research/refine information on local tyre production and importation.

Medium Priority

6. Further research on reuse/recycling/disposal options for waste tyres.
7. RMF to continue discussions with all potential end users of waste tyres (although this is subject to being able to confirm quantity and consistency of supply of waste tyres).

Low Priority

8. Develop and implement communication strategies to advise Canterbury residents of the issues and options surrounding waste tyre disposal in the future.
9. Work with MfE on education and promotion of Tyre Track so customers are aware of the relevance of supporting retailers that have signed up to this programme.
10. CWSC consider producing a booklet on resourceful and innovative uses for waste tyres as part of an overall education strategy.

BARRIERS TO RECYCLING AND COMPOSTING (Julie McCloy)

The report provided:

- Background
 - Parameters
 - Stakeholders
- Key Results
 - Knowledge
 - Practical
 - Misconceptions
 - What's in it for me?
 - Organisation of scheme
 - Lack of ownership
- Key Outcomes
 - Large amount of research
 - Barriers don't stand or fall in isolation
 - Long term commitment and investment
 - Cohesion and co-operation

Recommendations

- Convenience – simple, cost-effective, availability, provide leadership and guidance
- Communication and education – vital. Underpin many other barriers. Knowledge, influence, ease
 - Consideration of what is communicated, and how – remember your audience and target them effectively
- Incentives and disincentives – encourage engagement and discourage non-engagement. Integration into overall policy

Further Research

- Organic waste – disposal; incentives to use a specific disposal method; feelings about green waste and kitchen waste
- Collection services – where they do not exist: payment of, use of, preference
- Rural/semi-rural areas - what disposal used, issues of transport, collection
- Marketing related – profiles of 'typical' recyclers or composter, and their antithesis.

Summary

- Need for regional co-ordination and funding (Eco-recycle Victoria)
- Need for consolidated information base

*Kate Valley provides optimised disposal solution... must be balanced with optimised diversion solution
(Measurement before management)*

The Subcommittee then **resolved**:

- (a) To receive the reports.
- (b) To consider the recommendations in the reports at the next meeting after receiving a staff report including cost estimates from the RMF to advance the recommendations.
- (c) To recommend to all members that recommendations 2, 3 and 4 in the tyres report be considered for action.
- (d) To request staff of all member Councils to use a standardised research and survey methodology in respect to recommendation 1 of the RMF report on tyres, with CCC staff to co-ordinate.
- (e) To request that the RMF and all other territorial local authorities review charges for tyres received at refuse stations throughout the region.

4. **CONSTRUCTION AND DEMOLITION WASTE PROJECTS**

The Subcommittee considered a report from Diane Shelander (Senior Resource Planner Solid Waste, Christchurch City Council) promoting a reduction of construction and demolition waste through industry-focused projects and advocating inclusion of waste minimisation in the Building Code which will implement the Building Act 2004.

The report outlined:

- Background information
- REBRI Programme
- Building Code Review
- Summary which advised that the REBRI Programme is proposed as a two-year project to assist the C & D industry in implementing waste minimisation. The programme is expected to have a variety of sponsors, including local and regional councils, central government, the waste management sector, the C & D sector and resource recovery sector. Funding from Canterbury district councils, through the Canterbury Waste Subcommittee, will enable the project to be delivered to the C & D industry throughout Canterbury.

Diane responded to questions from members and it was agreed that each member authority should notify Diane of upcoming projects.

The Subcommittee then **resolved**:

- (a) To advocate active participation in the REBRI Programme by member councils.
- (b) To contribute \$20,000 from the 2005/06 budget to support the Programme for the Canterbury region.
- (c) To request the Christchurch City Council representative on the C & D working party to continue to represent the interests of the region on the C & D Waste Minimisation Programme Planning Group and REBRI Programme Steering Group.

- (d) To instruct staff to prepare a letter to be signed by the CWS Chairperson on behalf of the Subcommittee to the Department of Building and Housing advocating for the inclusion of waste reduction principles into the Building Code.
- (e) To invite all Subcommittee members to propose suitable projects for consideration for the REBRI Programme one-on-one project assistance (refer to paragraph 8 of the above report).

5. **REVIEW OF THE CHRISTCHURCH CITY COUNCIL'S CLEANFILL LICENSING BYLAW**

The Subcommittee considered a report from Zefanja Potgieter (Senior Resource Planner Solid Waste, Christchurch City Council) reviewing the operation of the Christchurch Cleanfill Licensing Bylaw 2003 for the period 1 March 2004 to 28 February 2005. A copy of the bylaw was also provided to members.

The report covered:

- Introduction
- Cleanfill Volumes and Levies
 - Summary
 - Trends
- Bylaw Operation and Compliance
 - Compliance
 - Administration
- Effects on Stakeholders
 - Infrastructural Construction Activities
 - The Demolition Sector
 - Building Construction Sector and Waste Removal Companies
 - Cleanfills and Quarries
 - Subdividers/Developers
 - Architects and Engineers
 - Recycling Organisations and the RMF
 - Christchurch City Council
 - Banks Peninsula, Waimakariri and Selwyn District Councils
 - Environment Canterbury
 - Transit New Zealand
- C & D Waste Minimisation within the Council
 - General
 - Transport and City Streets Unit
 - City Water and Waste Unit
 - Greenspace Unit
 - Facilities Asset Management Unit
- Planning Issues with Respect to Quarrying and Cleanfills
- Conclusions and Recommendations

The Subcommittee resolved to **receive** the report.

6. ENVIRONMENT CANTERBURY - MEMBERSHIP CANTERBURY JOINT STANDING COMMITTEE

The Subcommittee considered a report from Zefanja Potgieter (Senior Resource Planner Solid Waste, Christchurch City Council) on issues relating to the potential membership of Environment Canterbury on the Canterbury Joint Standing Committee (the Committee).

The report outlined the background and issues relating to membership.

The Subcommittee **resolved** that Christchurch City Council staff develop a formal proposal on Environment Canterbury becoming a member of the Canterbury Joint Standing Committee for consideration by the Subcommittee.

7. INFORMATION SHARING

The opportunity was taken for members to share items of concern or interest, as follows:

CHRISTCHURCH CITY COUNCIL

Simon Collin advised that work on the conversion of transfer stations had been completed. This work having met the transport requirements relating to the transfer of waste to Kate Valley.

WAIMAKARIRI DISTRICT COUNCIL

Councillor Robbie Brine advised that a major review of the Council's Solid Waste Management Plan was currently under action.

WAIMATE DISTRICT COUNCIL

Brian Purcell reported kerbside recycling has been implemented. Food waste economic viabilities under consideration.

HURUNUI DISTRICT COUNCIL

Mayor Garry Jackson reported:

- Solid Waste Management Plan and the Council's relationship with Hurunui Recycling under review.
- Modifications of contracts to link in with Kate Valley.
- The community liaison group for Kate Valley has been formed.
- The Kate Valley Community Trust, as per the Memorandum of Understanding, is under discussion with Transwaste.
- The environmental geotechnical report due in approximately two weeks.

TIMARU DISTRICT COUNCIL

Councillor Pat Mulvey advised that proposals had been called for the management of solid waste and that a Memorandum of Understanding was currently being prepared with the successful contractor.

SELWYN DISTRICT COUNCIL

Dave Hock advised that work was well under way on the resource recovery station - could be opened October/November.

Collections contract also under review.

ASHBURTON DISTRICT COUNCIL

Councillor Bev Tasker reported on the closure of the District's last rubbish dump (Methven) and advised that transport containers were being modified to meet Kate Valley standards.

BANKS PENINSULA DISTRICT COUNCIL

Chris Hopman:

- Unanticipated costs resulting from Kate Valley eg sludge to Bromley.
- RMF will no longer accept clear glass

SITE VISIT, KATE VALLEY

The meeting agreed that a visit to view operations at Kate Valley take place in September and that all member authorities be invited.

The meeting concluded at 12.30pm