

Encouraging Victorians to **Be Waste Wise**

**ANNUAL REPORT
1999 - 2000**

en•couraging (in•kur'ij•ing) adj.

Giving, or tending to give courage

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to inspire with courage, hope, or

resolution. Stimulate, promote, incite

mission statement

VISION

*Victorians leading the
world in the responsible
use of resources
because EcoRecycle
and its partners:*

- *Stimulate
community
interest and
action*
- *Assist business
to create a
sustainable
future*
- *Transform
infrastructure and
management
systems*

MISSION

To protect the environment for the benefit of present and future generations by minimising the creation of waste, promoting the sustainable use of resources, and better managing the disposal of material that cannot be diverted from the waste stream for productive use.

OBJECTIVES

- To incubate and nurture the growth of an ethos of environmental sustainability throughout the Victorian community.
- To ensure that every Victorian has the information needed and opportunity to make environmentally sound choices in purchasing goods and services.
- To ensure that a viable system exists statewide to recover unwanted materials for recycling, reuse or energy recovery, in preference to them being discarded.
- To foster, wherever practicable, partnerships that add value and engender ownership of initiatives, programs and infrastructure.

ORGANISATIONAL VALUES

- Be open, responsive and collaborative with stakeholders.
- Fund projects equitably and with transparency.
- Provide quality information.
- Remain independent of sectional interests.

dear minister

It is with pleasure that I submit to you the EcoRecycle Victoria Annual Report for 1999/2000.

The 99/00 year represents the end of the first three year planning cycle, and sets the basis for moving forward with new vigour to implement the Bracks Government policies on waste management and sustainability.

The new Board of EcoRecycle, appointed by you during the year, has enthusiastically taken up the task of implementing the Government's policies and values.

The achievements outlined in this Report provide a solid platform for setting higher goals in waste and litter reduction (avoidance) and in meeting the needs of the Victorian community.

There has been considerable progress in improving markets for recyclables and providing essential waste and recycling infrastructure, particularly in regional and rural areas.

Working with municipalities in providing comprehensive education programs and the upgrading of the kerbside collection systems has seen improvements in the quality and quantity of recycled materials.

This has increased demand for recovered materials in both existing and new markets. EcoRecycle has assisted in the commercialisation of several new products made from recycled materials.

We recognise the key role that the community has in achieving sustainable resource recovery. EcoRecycle's Waste Wise Education Program involving communities, schools, businesses and councils provides a platform for new efforts to engage public involvement and discussion.

Through this process we will better understand community and industry needs and issues. The Board has identified this as an area for enhanced attention in its next Business Plan.

EcoRecycle is appropriately prepared to implement the National Packaging Covenant Kerbside Transition arrangements in Victoria. We are also well advanced with a package of programs that will further improve the kerbside system throughout the State and put it on a more sustainable basis.

The Members acknowledge your support for and keen interest in our programs. The Board appreciates the dedicated work of EcoRecycle's staff. It values the vital support of our strategic partners and the hundreds of people who have participated in and worked with EcoRecycle Victoria during the year.

Finally, I would like to make special mention of the work of Ted Tanner and the previous Board and thank them for passing on an enthusiastic organisation in such fine health.



Yours sincerely,
Mike Hill
Chairperson

re•duce (ri•doos', •dyoos') v. •du
1. To make less in size, amount.



compress, condense, decrease, con
se, consolidate, contract, diminish

L to R: Top: Cr Don Chambers, Cr Robert Beynon,
Professor Felicity Roddick, Mr Jonathan Ling, Mr Robert
Jolly and Cr Christine Kelly. Lower: Ms Aileen Vening,
Mr Michael Hill (Chair), Ms Cheryl Batagol (Deputy Chair)

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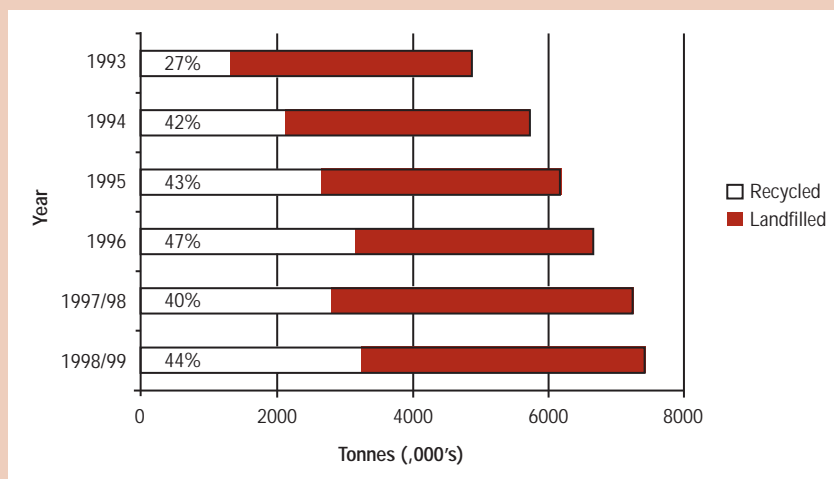
chief executive officer's report



Chief Executive: Ian Coles

It has been most rewarding to see 99/00 deliver some very positive outcomes in terms of the corresponding Business Plan. In particular, many infrastructure and market development projects that have received funding support in past and present years have been completed. These facilities and business opportunities will achieve significant, positive and sustainable changes to waste management and resource recovery across Victoria.

Fig.1 Estimated recycling rates in Victoria



The 98/99 Annual Survey of Recycling Industries and EPA landfill levy has shown that recycling in Victoria has increased to 3.2 million tonnes in 98/99, representing around 44% of the total solid waste generated or imported into Victoria. Landfill data for 97/98 was for the whole of Victoria. Prior to this landfill levy was only charged at metropolitan Melbourne, Ballarat, Bendigo, Geelong and Mornington Peninsula landfills.

HOUSEHOLD RECYCLING

Victorian householders are among the best recyclers in the world. There are very high participation rates, high diversion rates of all major materials and rapidly improving services throughout the State. These achievements have been supported by EcoRecycle through funding for the introduction of more efficient and sustainable kerbside recycling systems.

We are approaching a new stage in the way we deal with household packaging. Through the National Packaging Covenant and the transitional funding available, we will see further improvements to collection systems to increase yields, improve material quality, stabilise costs, reduce the cost impact on Councils of commodity price fluctuations, and improve the occupational health and safety of workers in the industry. This will be a progressive but substantial step forward and improve the long term sustainability of kerbside recycling systems. EcoRecycle will play a leading role in facilitating these changes through the preferred services standards, model contracts and accreditation system that were developed during 99/00.

INFRASTRUCTURE

Since 1996, EcoRecycle has invested over \$13 million in 216 projects to improve or establish waste management and recycling infrastructure, targeting statewide and industry priorities, and implementing regional waste management plans. Sixty percent of this funding has gone to the public sector generally supporting council projects, and 34% has been spent outside the Melbourne metropolitan area. The projects include the upgrading or establishment of transfer stations, improved drop-off centres - particularly in rural areas - better sorting and recovery facilities at a local level, and the introduction of best practice. The substantial improvements to waste management infrastructure providing for better collection, identification and separation, positions Victoria to make significant advances in reducing waste to landfill through increased diversion of resources for better use.

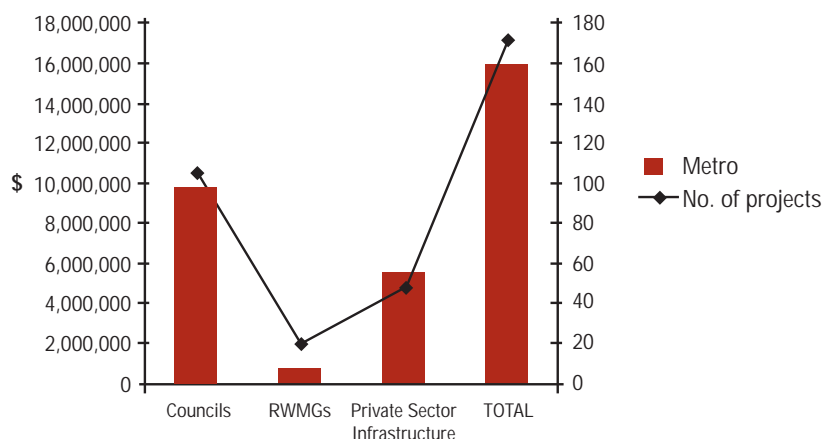
MARKET DEVELOPMENT

The success of the recycling programs depends on maintaining sustainable market demand and the use of efficient technology and processes to enable the remanufacture of used but valuable materials into new products. We cannot be complacent about markets when the commitment of Victorians has seen a significant increase in the recycling and reprocessing rates in Victoria. Over the past three years, EcoRecycle provided approximately \$2.5 million in grants for research and development in new processing techniques and product development.

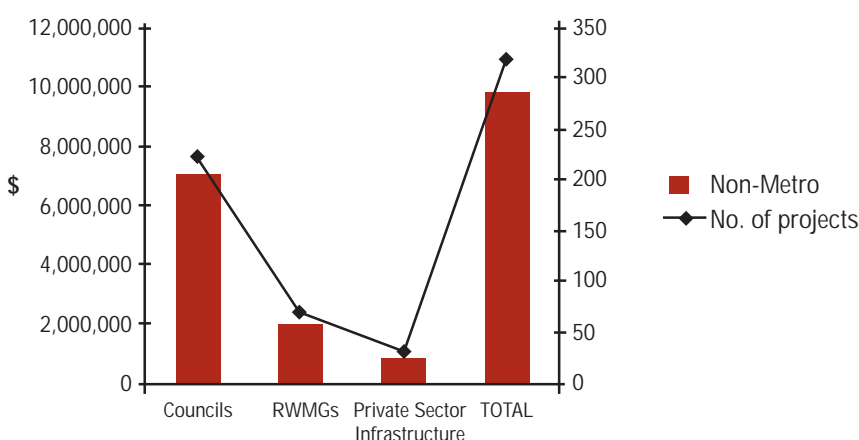
INDUSTRIAL AND COMMERCIAL WASTE

Industrial and commercial sectors remain as targets for improved waste reduction. There are many opportunities to divert valuable materials and resources from landfill for productive reuse, including food waste, timber, construction and demolition materials, and garden organics. Our future programs will be giving far greater emphasis to these sectors.

Graph 1. Number of projects and funding given to the Metro Area



Graph 2. Number of projects and funding given to the Non-Metro Area



EDUCATION AND COMMUNICATIONS

Underpinning all our programs has been an extensive education and communications program. EcoRecycle's resources available to all levels of the community now include industry best practice guides, community information and fact sheets, industry data, reports, a website and publications. These are all designed to facilitate better understanding, individual and organisational ownership, and action in addressing waste and litter management issues.

Our Waste Wise Program and public education campaigns continue to provide the knowledge and motivation required for community awareness, ownership and responsibility. The Waste Wise Program has had considerable success with 52 councils taking up the challenge, over 530 schools participating and 99 community groups being provided funding. Around 78 businesses and organisations have also committed to becoming Waste Wise with hundreds more expected to join the program at a strategic level. The impact of EcoRecycle's programs is generally achieved through others - Regional Waste Management Groups (RWMG), councils, businesses, educators and the community. As a facilitator, EcoRecycle relies on effective partnerships to achieve results. We acknowledge the considerable support we have received from all our partners over the year and welcome their continuing efforts to encourage Victorians to reduce waste. I would like to thank past and present EcoRecycle Members for their guidance and support, and give great credit to the skills and commitment of EcoRecycle staff.

Ian Coles - Chief Executive Officer

household waste

reduction and recycling

The maintenance and continuous improvement of waste and kerbside recycling collection services is essential to ensure the long term sustainability of recycling in all community sectors. The Household Waste Reduction and Recycling Program provides funding and other support for best practice kerbside recycling services, community education on waste minimisation and recycling, and the safe disposal of residual waste.

NATIONAL PACKAGING COVENANT

The National Packaging Covenant (NPC) is a self-regulatory agreement between industries involved in the packaging chain and all spheres of government. Based on the principle of shared responsibility through product stewardship, the Covenant is applied throughout the packaging chain - from raw material suppliers and retailers to those overseeing the ultimate disposal of waste packaging.

During the year, EcoRecycle Victoria participated in the preparation of the Victorian Government's Action Plan under the NPC. EcoRecycle also played a key role on both the National Kerbside Recycling Group and Victorian Jurisdictional Recycling Group (JRG). EcoRecycle provides secretariat services to the Victorian JRG and will be the key manager of the kerbside implementation program in Victoria.

Achievements

- Participated in National Packaging Covenant kerbside recycling groups.
- Completed Preferred Service Standards for Kerbside Recycling in Victoria.
- 25 rural councils completed the Kerbside Development Program.
- Collected and properly disposed of a record 328 tonnes of chemicals through the statewide Household Chemicals Collection Program.



In August 1999, the (NPC) was signed by government and industry representatives. Over its planned five year operating period, the Covenant aims to address the environmental impacts of consumer packaging waste throughout the entire life cycle of the packaging product. Packaging solutions will be sought that 'Close The Loop', and emphasis will be placed on developing economically viable and sustainable recycling collection systems.

PREFERRED SERVICE STANDARDS FOR KERBSIDE RECYCLING

The National Packaging Covenant has identified the need to ensure the efficiency and sustainability of kerbside recycling through assistance to local government to implement efficient kerbside recycling systems in accordance with agreed service standards. Over three years, transitional funding support of up to \$34.9 million will be provided nationwide, including assistance to local government to implement efficient kerbside recycling services. With this objective in mind, in June 2000, EcoRecycle completed its Guide to Preferred Service Standards for Kerbside Recycling in Victoria. The guide provides a benchmark for the recycling industry to develop greater efficiency and sustainability over the next five to ten years, accommodating the needs of urban as well as rural communities. Workshopped during February and May 2000, the service standards gained the general support of industry and local government stakeholders. The preferred service standards identified 6 service provision categories in Victoria - Inner Metropolitan, Outer Metropolitan, Melbourne Fringe, Major Provincial Centres, Smaller Provincial Centres and Rural/Remote Townships. These categories are identified by density of population, block sizes, proximity to sorting facilities and end markets. The standards incorporate key

elements of EcoRecycle's Accreditation Standards and Model Kerbside Recycling Collection and Sorting Contracts. EcoRecycle's Accreditation System for collectors and sorters was trialed during 99/00 with a number of recycling collectors and sorters. Model contracts (separate contracts for kerbside collection and sorting) were also developed during the year.

KERBSIDE DEVELOPMENT PROGRAM

The Kerbside Development Program (KDP), established in 1994, provides incentive-based funding to councils to enable the implementation of best practice kerbside recycling systems. The KDP for Metropolitan Melbourne was completed in January 2000. As a result:

- 100% of metropolitan councils have rigid containers
- 97% have performance based contracts
- 85% have introduced a smaller main garbage bin.

Extended in 98/99 to incorporate non-metropolitan councils, the KDP has

served 31 non-metropolitan councils to date, 25 of which completed the program in 99/00. The KDP will be replaced by a new best practice program, to be implemented over the next three to five years, that will incorporate the preferred service standards, accreditation system and model contracts (see previous).

PUBLIC EDUCATION CAMPAIGNS

Recycling and waste minimisation featured in a broad public education campaign carried out by EcoRecycle during the winter of 1999. Utilising in-kind newspaper advertising space provided by the Publishers National Environment Bureau (PNEB), EcoRecycle executed a significant contamination and kerbside materials campaign that encouraged Victorians to correctly sort their recyclables. The 2000 PNEB advertising was used to extend the campaign as part of the Waste Wise Day initiative. Subsequent research has shown the success of these activities (see Communications and Information).

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Result
Diversion of chemicals from household waste stream of 150 tonnes/year.	230 tonnes	328 tonnes
Accreditation rates: 10 sorters/collectors registered, 5 Councils requiring accreditation as part of kerbside contracts.	3 sorters/collectors by June 2000 0 Councils	3 sorters/collectors accredited 0 Councils
Household waste generation rates at an average of 10kg/week.	10 kg	Pending 99/00 survey results
Household recycling rates at an average of 5kg/week.	5kg	Pending 99/00 survey results
Household recycling contamination rates at an average of less than 5%.	Less than 5%	Pending 99/00 survey results

Table 1: Household Chemicals Collection Program

Year	No. of collections	No of Respondents	Total Mass (tonnes)	Average mass per person (kg)
Jan 1994-June 1996	14	2720	76	29
96/97	12	5075	166	36
97/98	15	3673	129	35
98/99	22	6068	206	31
99/00	33	8252	328	39
Totals	96	25788	905	34

HOUSEHOLD CHEMICALS COLLECTION

Inappropriate disposal of household chemicals to drains, sewers and landfill, or long term storage, can pose a threat to human safety and cause damage to the environment. Since 1994, EcoRecycle has conducted free Household Chemicals Collection days. In recent years the collections have been expanded both in number and scope, including their introduction to rural Victoria during 98/99. Thirteen collections in metropolitan Melbourne and 20 collections in rural Victoria were carried out during 99/00, resulting in over 328 tonnes (206 tonnes 98/99) of household chemicals being collected for safe disposal. Yields from household chemicals collection days continue to increase and the program proves to be extremely popular (see Table 1 above). Service delivery for the program was enhanced following the establishment of new operating procedures at sites. Changes related to occupational health and safety and risk management at chemical collection sites and changes implemented to ensure the safety of workers, PACIA volunteers and the general public. On-site operations procedures were improved and streamlined to incorporate best practice.

PAPER FUNDING SUPPORT PROGRAM

The Paper Funding Support Program provided incentive funding of \$500,000 to reduce paper stockpiles and a further \$570,000 to encourage investment in new paper sorting infrastructure. The program was completed during 99/00 using carry over funding from the previous year. The program has fostered new investment in sorting infrastructure of approximately \$1.3 million and assisted in the stabilisation of paper prices during a market downturn.

en•couraging (in•kur'ij•ing) adj.
Giving, or tending to give courage



to inspire with courage, hope, or
resolution. Stimulate, promote, incite

market development

Commercial demand for recycled materials underpins the viability of recycling. Developing markets for both recycled raw materials and finished products will contribute to a sustainable and viable recycling industry. EcoRecycle has continued to facilitate research and development, commercialisation of products and technologies, 'Buy Recycled' initiatives, business development, and market intelligence programs.

MATERIALS STRATEGIES

EcoRecycle's market development program is based on a series of strategies for priority materials, including paper, HDPE, glass, timber and garden organics. These strategies provide background data on materials

consumed, collected and reprocessed, and discuss potential and extant end markets. They also provide an overview of the key players, potential projects and opportunities for collaboration between industry and all levels of government. These strategies provide direction for EcoRecycle activities, including grants for product and market development and infrastructure, as well as broader communication and education programs.

The paper strategy focused on secondary markets, (defined as the use of paper in smaller non-traditional markets). Following the completion of the strategy, several projects were commenced including the development of horticultural products, animal litter, building panels, and fuel logs made from recovered paper. Markets for paper have improved significantly over the past 12 months.

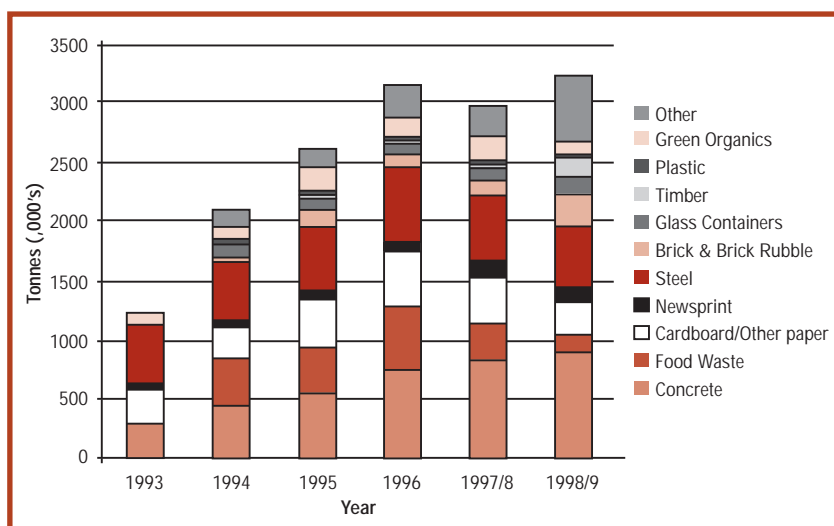
A material strategy for HDPE has also been completed. A number of projects have commenced or been completed, including the development of milk crates, garden lattice, oil bottles, and

irrigation pipe from recycled HDPE. Markets for recycled HDPE have also improved, to the extent that there is now a shortage of recycled HDPE. Similarly, a strategy for glass that focused on developing markets for broken and contaminated glass (ie. glass that was unable to meet ACI specifications for purity and colour) was completed. The strategy resulted in the funding of projects using recovered glass in building products and the establishment of an optical sorting facility. Visy's investment in 'Binder' technology to automatically sort broken, contaminated and mixed coloured glass was a major step forward in implementing the glass strategy and attracted funding support from EcoRecycle. The Binder diverted over 4,500 tonnes of glass from landfill by June 2000. This glass is sorted to ACI specifications. Work is continuing on developing additional secondary markets, primarily in building and road construction.

BUY RECYCLED PROGRAM



Graph 3. Amount of materials recycled in Victoria



Source: Annual Survey of Victorian Recycling Industries 1997-1998, Salmon Consulting Pty Ltd, 1999

EcoRecycle is working with industry and all levels of government to increase purchasing of recycled products. Encouraging organisations to 'Buy Recycled' will increase demand for recycled products and help to support sustainable markets for these products. Government organisations are a high priority because of their significant purchasing power, and their involvement in and commitment to recycling.

Achievements

- *Increase in local demand for recovered materials in primary and secondary markets.*
- *12 grant projects completed.*
- *7 new products commercialised.*
- *23 new market development projects funded.*
- *Establishment of the Local Government Buy Recycled Alliance, in association with the Municipal Association of Victoria.*
- *Establishment of a pilot on-line resource exchange.*
- *Provision of a grant for automatic sorting technology to recover broken and contaminated glass.*
- *Development of material strategies for the recycling of paper, glass, and HDPE.*
- *Publication of The Guide to Recycling Services in Victoria, the Waste Wise Purchasing Guide for Government & Industry and the Waste Wise Shopping Guide.*
- *Worked with the Department of State and Regional Development to promote business development in the recycling and recycled products industry.*

A Local Government Buy Recycled Alliance was formed with the support of the Municipal Association of Victoria and a full-time executive officer was appointed to assist councils purchase higher volumes of products with recycled content. A Buy Recycled Kit for local government purchasing officers was completed. It includes a model purchasing policy, a guide to implementing a Buy Recycled program, case studies and product fact sheets.

MARKET DEVELOPMENT GRANTS

EcoRecycle has continued to support the development of products with recycled content through funding of grant projects in 99/00 valued at \$884,288. Twenty three projects were funded in priority areas, including household packaging, organics, and recycled concrete and asphalt. A number of projects funded in previous years were also completed, such as the development of a geotextile manufactured from recycled PET by Geofabrics Australia and Visy Plastics. This project has the potential to divert around 1600 tonnes of PET from landfill per year.

re•duce (ri•doos', •dyoos') v. •du
1. To make less in size, amount.



compress, condense, decrease, con
se, consolidate, contract, diminish,

RESOURCE EXCHANGE

A resource exchange has the potential to reduce waste and develop new markets for recyclable materials by linking waste generators with potential end-users. Recyclable materials can often be used by manufacturers in place of virgin materials without going through an intermediate processing stage. The challenge is to establish an Exchange that is cost-effective and sustainable with minimal public funding. 'WasteWiseX' is EcoRecycle's innovative pilot program in the Barwon Region designed to address this need. Established in partnership with the Melbourne Trading Post and the Barwon Regional Waste Management Group, the web-based Exchange will provide companies with the opportunity to source or offer unwanted materials to others. A consultant has been employed to work with businesses to actively seek resource exchanges. The pilot project will help determine the feasibility of a statewide Resource Exchange.

BUSINESS DEVELOPMENT AND EDUCATION

Increasing markets for recyclable materials can be achieved by supporting business development and growth among existing reprocessors. EcoRecycle Victoria is working to support this growth through a partnership with the Department of State and Regional Development.

To be eligible for EcoRecycle's funding grant, recipients are required to develop business plans. In 99/00, EcoRecycle successfully applied to the Department of State and Regional Development for funding to assist 6 grant recipients in the development of their business plans. A consultant was also employed to provide business advice and support to companies in the industry during the coming year.

A series of Recycling Business Forums were conducted to provide information on government assistance and business issues relevant to the recycling industry. The topics covered included Labelling Recycled Products, OH&S, Acquiring Equity Capital, Adding Strategic Value through Environmental Management, and the impact of the GST on recyclers.

RESEARCH

EcoRecycle conducts an annual survey of reprocessing industries in Victoria. The survey for 98/99 (published this year) found that 3.2 million tonnes of material was recycled, an increase of 9% over the previous year.

A quarterly survey of prices for recyclable materials is also undertaken, and published in EcoVoice.

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Result
Number of products with recycled material content (linked to grants program or other assistance), including new market applications.	6 commercialised 14 at prototype stage	7 commercialised: <ul style="list-style-type: none"> • PET geotextile • Recycled concrete aggregate for footpaths • Garden organics spreader for vineyards • Compost/ mulch applications for vineyards • Compost/ mulch applications for vegetables and orchards (2) • Cattle bedding 15 at prototype stage: <ul style="list-style-type: none"> • Recycled plastic shopping bag • Coloured timber mulch • Zoopost soil conditioner • Milk crate • Oil bottle • Railway sleeper • Geopolymer building panel • Low pressure pipe • Telecommunications products (2) • Paper mulch • ABS chair • Rubber / ABS sewerage pipe • Rubber / silage film channel liner • HDPE lattice
Quantity of materials recycled and reprocessed	3.2 million tonnes	3.236 million tonnes
Number of organisations with a Buy Recycled policy	12 Councils in the Local Government Buy Recycled Alliance State Government Program launched	12 Councils have acknowledged a buy recycled policy (EcoRecycle, Guide to Recycling in Victoria, 2000)

litter prevention and control

Litter is one of the most visible of all waste management and disposal issues. EcoRecycle has an active role in litter prevention through public education and infrastructure. The Litter Prevention and Control Program aims to reduce litter and to increase awareness of littering and its impact on the environment.

Table 2 - Litter by Material Type

Material Type	Year Average	
	Items per Site	%
Cigarette Butts	9.19	34.52
Plastic	7.12	26.73
Paper	6.87	25.78
Metal	1.24	4.67
Glass	0.60	2.24
Miscellaneous	0.58	2.19
Wood	0.38	1.44
Organic	0.19	0.69
Ceramics	0.20	0.75
Rubber	0.26	0.97
Totals	26.63	99.98

Source: KABV Litter Survey - December 1998 to October 1999

STATEWIDE LITTER SURVEYS

The collection of data to monitor and measure the success of litter reduction initiatives is important to long-term planning and strategy. The first year of the revised Keep Australia Beautiful Victoria (KABV) litter survey was completed in December 1999. As Table 2 illustrates, the most littered items were found to be cigarette butts, plastic and paper.

A number of issues were raised by Regions and local government concerning an inability to identify and access sites surveyed, or to compare results between Councils. Consequently the survey methodology was reviewed in early 2000.

The review findings will be considered by the Victorian Litter Action Alliance, established by the Minister for the Environment and Conservation to provide a forum for developing statewide policies and strategies for litter abatement.

Achievements

- *Funded 55 Litter Prevention Task Forces in 16 Waste Management Regions.*
- *Provided funding to local government for the installation of 43 litter traps to reduce litter entering waterways.*
- *Conducted a litter awareness campaign over the summer holiday period.*

RURAL AND CITY PRIDE AWARDS

To assist and acknowledge the work undertaken by community based litter reduction programs, EcoRecycle continued as major sponsor of the Keep Australia Beautiful Victoria (KABV) City and Rural Pride Awards program during 99/00.

The Awards provide incentive and recognition to communities that have established active local beautification and litter reduction initiatives.

LITTER TRAP INFRASTRUCTURE

To prevent litter entering major waterways in rural and urban areas, EcoRecycle provided funding to local governments for the installation of litter trap infrastructure.

Funding was provided in 99/00 for 43 litter trap infrastructure projects throughout the State.

Twenty-seven 99/00 projects were completed this year, along with seven projects from 98/99. A number of projects have been undertaken in conjunction with Catchment Management and other Water Authorities.

LITTER PREVENTION TASK FORCES

The establishment of Litter Prevention Task Forces brings together local government, business and community representatives to identify litter 'hot spots' within their local areas and develop strategies to reduce litter. The program encourages litter reduction through local ownership and action. Funding was provided to all Regional Waste Management Groups to establish Litter Prevention Task Forces. Fifty-five new taskforces were established during the year, taking the total to 71.

Guidelines for the program were revised to provide greater flexibility to Regions in the allocation of funds for local task forces.

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Result
Litter counts in key areas.	208 x 4 quarters	2 quarterly reports received. KABV survey methodology under review.
Number of highways adopted/length.	0	Project deferred to 00/01
Litter traps installed.	20	27
Litter Prevention Task Forces (LPTFs) formed.	Funding provided to 16 Regions to establish LPTFs	establish 55 LPTFs
Changed behaviour by litterers.	Performance indicator: Declining litter counts in key areas from KAB survey - on an annual basis.	

waste reduction in commerce & industry

With over 65% (2.7 million tonnes during 98/99) of the total waste stream coming from commerce and industry, EcoRecycle continues to develop and implement programs to reduce, reuse, repair and recycle.

WASTE WISE BUSINESS

The Waste Wise Business program encourages business and organisations to adopt waste minimisation policies and practices, and provides public recognition for those who participate. The program that includes a resource kit and website was formally launched by the Minister for the Environment and Conservation, Sherryl Garbutt MP, at an industry breakfast on 2 June 2000. Forty businesses and organisations have joined the program to date.

REGIONAL INDUSTRY PROGRAM

The Regional Industry program was developed to assist Regional Waste Management Groups to implement industry waste reduction programs at a regional level. This followed the completion of a pilot initiative in Barwon that involved industry surveys, audits, workshops, and case studies. The program offers various types of assistance and targets regionally significant waste streams:

- Eastern Region (audits and action plans in the automotive sector)
- Northern Region (audits and action plans in the automotive, furniture, construction & demolition, textiles, clothing and footwear sectors)
- Highlands Region (training in auditing for waste management service providers)
- Central Murray Region (agriculture, manufacturing)
- Gippsland Region (cleaner production TAFE course for various sectors including accommodation, agriculture, electricity, food retailers, forestry, construction, wood and paper)

- South East Region (audits and feasibility studies for reducing waste in 10 sectors)
- Barwon Region (feasibility study for a local pallet recycling business)
- Goulburn Valley Region & North East Region (TAFE cleaner production course for food processing and other manufacturing)
- Western Region (audits and action plans for manufacturers and offices)
- South Western Region (audits and action plans for agricultural waste)

FOOD SERVICES SECTOR

Food organics make up around 17.2% (719,000 tonnes during 98/99), of all waste going to landfill in Victoria. The food services sector is therefore a priority to the industry waste reduction program.

A 'Train the Trainer' course on waste minimisation in food service outlets was conducted for 90 representatives from education institutions and local government. This has been supported on an ongoing basis by a telephone help-line to assist food service outlets. The help line is currently taking around 200 calls per year from food service outlets and trainers.

CONSTRUCTION AND DEMOLITION SECTOR

The construction and demolition sector generates almost one third of waste going to landfill, primarily soil, rock, concrete and timber. EcoRecycle conducted workshops with industry stakeholders to develop a broad strategy for this sector.

Technical resources have been developed with EcoRecycle's support.

The projects included:

- development and publication of the Demolition Handbook with the assistance of the Demolition Contractors Association

- preparation of six notes and case studies for the Royal Australian Institute of Architects' Environmental Design Guide
- the EcoSpecifier Guide and website on environmentally friendly building materials in conjunction with the Centre for Design at RMIT
- publication of the final two editions of the Resource Efficient Builder Information Sheets in conjunction with the Master Builders Association
- the OnSITE website with resources and case studies on waste minimisation in construction, with the Centre for Design at RMIT. The site received 4000 hits in the 12 months to June 2000.

Grants were provided for infrastructure development in this sector, including:

- Alex Fraser Group for an automated construction and demolition mixed waste sorting facility. This will achieve an additional diversion of 35,000 tonnes of mixed construction and demolition waste in the first year of operation (commenced February 2000), increasing to 40,000 tonnes in future years.
- Calleja Group for a manual sort facility for mixed waste, which will increase its capacity to sort construction and demolition waste by 26,000 tonnes per year.

PLASTIC SHOPPING BAGS

Plastic shopping bags are a highly visible component of the waste and litter streams in Victoria.

EcoRecycle developed a 'Code of Practice for Plastic Shopping Bags' in conjunction with the Australian Supermarkets Institute in 1998. The draft 1999 Shopping Bag report indicated that the number of shopping bags issued in Victoria by Code signatories (Coles Supermarkets, Safeway and Franklins) fell from 768 million in 1998

Achievements

- 40 businesses and organisations around Victoria joined the Waste Wise Business Program.
- Developed a partnership with the Demolition Contractors Association of Victoria and jointly published the Demolition Handbook (pocket guide for on-site recycling and waste reduction in demolition projects).
- Completed Stage 1 of the Life Cycle Assessment project, comparing the environmental impact of landfill versus recycling for glass, PET and steel tin plate. This demonstrated significant environmental benefits from recycling compared to landfill.

to 609 million in 1999, and the average number of bags used per store fell from 2.5 million to 2.02 million. The supermarkets have provided reusable bags as an option for customers and drop-off bins for bag recycling in all of their stores. Continuing to work closely with the supermarkets to further reduce waste and improve recycling programs for shopping bags remains an important priority for EcoRecycle Victoria.

LIFE CYCLE ASSESSMENT

There is very little data available on the environmental costs and benefits of recycling. To overcome this, EcoRecycle commissioned several research organisations, including the Cooperative Research Centre for Waste Management and Pollution Control, Victoria University of Technology and RMIT University, to undertake a Life Cycle Assessment (LCA) to compare the environmental impacts of kerbside recycling with the impacts of sending the same material to landfill.

Stage 1 of the LCA project has been completed, addressing glass, PET and



New plant and equipment has made the recycling of demolition materials more viable.

tinplate packaging. The first stage of the study found that recycling has significant environmental benefits over landfill, primarily due to the replacement of virgin materials with recycled materials. Three scenarios were modelled: 1) the current balance of recycling and landfill; 2) 100% recycled and; 3) 100% to landfill. Energy savings are significant - 84% for PET, 74% for glass, and 87% for steel. Stage 2 of the study, cover all remaining materials collected at kerbside, will be completed in late 2000.

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Results
Reduction in waste from commerce & industry disposed to landfill.	At least 8 regional programs underway.	An industry project was conducted in the Barwon region to investigate reuse and recycling opportunities for local manufacturers. 9 other regional industry programs approved.
Reduction in waste from building and demolition sites disposed to landfill.	At least 3 Waste Wise building and demolition sites.	10 sites accredited including developers, builders and demolition contractors.
Reduction in use of plastic supermarket shopping bags.	30% reduction by 2005.	1999 report indicates a 20% reduction in plastic bags used in Victoria compared with 1998 data.
Material type and amount of industrial packaging waste diverted to landfill.	3 examples of reduction in industrial packaging to landfill.	3 case studies on reusable packaging printed and distributed.

public place & event recycling

Public place and event recycling is a natural extension of household recycling. It provides the community with the opportunity to recycle outside their homes, at events, shopping centres, and major tourism and public venues throughout Victoria. The Public Place and Event Recycling program provides funding support to venues for permanent recycling systems and supports Waste Wise Events through purpose-designed event recycling equipment.

WASTE WISE EVENTS

EcoRecycle's Waste Wise Events program focuses on the promotion of the Seven Steps to a Waste Wise Event system to Regional Waste Management Groups, councils, collectors and event organisers. The program provides guidance to event organisers on how to implement a fully integrated waste management system for event recycling. The key is controlling the types of packaging entering events to ensure that packaging sold can be easily recycled using recycling systems. This year was the first full year of implementation of the Waste Wise Event program across Victoria. Fourteen Waste Wise Events were held throughout the state. Purpose-designed recycling bin caps and signage have been used at a further 16 events.

Achievements

- *The Seven Steps to a Waste Wise Event model adopted by 14 events throughout Victoria, ten in metropolitan Melbourne and four in non-metropolitan areas.*
- *Purpose-designed event recycling equipment utilised by 16 events, seven in the metropolitan area and nine in non-metropolitan areas.*
- *Permanent public place recycling bin and sign design finalised for the Melbourne Zoo and Royal Botanic Gardens.*

PERMANENT PUBLIC PLACE RECYCLING

EcoRecycle supports the implementation of permanent recycling receptacles at major public venues. During 99/00 the Melbourne Zoo and Royal Botanic Gardens were identified as major public venues that would

benefit from the installation of permanent public place recycling facilities. Negotiations with the Zoo and Botanic Gardens regarding bin numbers, sizes and design have been finalised. Installation at both locations will take place early in 00/01.

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Result
Adoption of Waste Wise Event Model by one large event in each Region.	6 throughout the State	14
Use of EcoRecycle's event recycling equipment at 4 events in each Region.	15	16
Adoption of EcoRecycle's event signage by 12 Regions.	12	12 - KPI achieved June 99 as use of event equipment linked to use of EcoRecycle signage.
Establishment of permanent infrastructure at 2 key public venues/locations.	2	Bin enclosures currently under manufacture for installation at 2 venues - the Melbourne Zoo and Botanic Gardens in early 00/01.

resource recovery & waste management facilities

EcoRecycle's Resource Recovery and Waste Management Facilities program provides funding support to the public and private sector for the development and upgrading of waste management and resource recovery infrastructure throughout Victoria.

INFRASTRUCTURE DEVELOPMENT

EcoRecycle's infrastructure funding provides for the establishment and upgrading of new and existing transfer stations and resource recovery facilities to improve recovery and solid waste management throughout the state. EcoRecycle provides funding of between 33% to 50 % of total project costs for infrastructure projects. Funding is linked to the identification of projects in regional waste management plans. Projects funded included the establishment of:

- areas at transfer stations for sales and repair of reusable items and materials
- garden organics and composting facilities with associated processing equipment
- balers and compacting equipment to improve transport efficiency
- improved signs, using EcoRecycle's standard signage for transfer stations and landfills
- drop-off facilities for kerbside and other materials (including oil and paint)
- regional education centres.

During 99/00, over \$4 million in funding was provided for 77 projects. Of this funding, more than \$1.7 million was provided for 56 projects in rural Victoria and \$2.3 million for 21 projects in metropolitan Melbourne. Expressions of interest were sought during the year for infrastructure funding for 00/01 to 02/03. For the 00/01 year, 135 expressions of interest were received, as well as a further 27 full submissions from previous funding rounds. Total funding sought was \$18.5

Achievements

- 77 infrastructure projects funded for 99/00 at a total of \$4.015 million.
- 21 of these infrastructure projects completed in 99/00.
- 35 infrastructure projects completed from previous financial years funding.
- 3 year funding program established for the closure of unlicensed landfills in rural Victoria.
- 3 year funding program established for the installation of weighbridges at landfills in rural Victoria.

million for the 00/01 financial year. EcoRecycle subsequently approved 66 statewide projects totalling \$3.8 million for implementation in 00/01.

NON-LICENSED LANDFILL CLOSURE AND WEIGHBRIDGE SUPPORT PROGRAMS

To support the closure and rehabilitation of non-licensed landfills in rural Victoria (a State Government initiative implemented through the Environment Protection Authority). EcoRecycle sought submissions from Regions and their member councils for funding support. EcoRecycle provided funding support for 13% of the estimated costs of rehabilitation and closure of sites. Funding will be provided to Regions over the three years 99/00 to 01/02 providing a total of \$750,000 in support. Funding

for 99/00 incorporated non-licensed landfill sites closed from 1 July 97 to 30 June 2000. The funds may be utilised for the preparation of landfill cap designs and/or actual rehabilitation of sites. The Weighbridge Support Program at regional landfills throughout Victoria will assist rural regions to gain an accurate measure of waste entering landfills. The program is also an important element in the joint EPA/ EcoRecycle waste categorisation system proposed for implementation in 00/01 (see Performance Measurement and Data). Each weighbridge site has been allocated \$17,000 for projects over the three years 99/00 to 01/02. Total funding under the three year program is \$400,000. Funding for 99/00 incorporated those weighbridges installed at regional sites from 1 July 1997 to 30 June 2000.

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Result
Rationalisation of unsatisfactory landfills.	20	Pending advice from RWMGs.
Lower waste quantities to landfills.	No target set	Total waste to landfill during 98/99 was 4,185,240 tonnes, down from 97/98 tonnages of 4,433,909.
Measurement of waste diversion for sites that have received infrastructure funding.	10% reduction in waste to landfill.	Upon completion of infrastructure projects, data sought on diversion at 6 and 12 month intervals.
Network of transfer stations with resource recovery programs that meet EcoRecycle best practice standards.	25	48

organics recovery

Food and garden organics make up almost 30% of all waste going to landfill in Victoria. EcoRecycle's organics recovery program aims to divert these materials from landfill for reuse as recycled organic products such as compost and mulch.

HOME COMPOSTING PROGRAM

Organic materials make up the largest proportion of household waste going to landfill - food waste contributes 41%, lawn clippings 16% and other organics 4%. Much of this material can be recovered through home composting for reuse in the garden.

Effective home composting could reduce household waste by at least 180,000 tonnes and save an estimated \$16 million per year in waste disposal costs.

During 99/00 EcoRecycle commenced the first stage of its three-year Home Composting campaign, to raise awareness and motivate householders to take up composting. (More detail on the campaign and its outcomes is provided in the Communications and Information Program section.)

FOOD WASTE PROCESSING

Financial assistance was provided to Natural Recovery Systems in Dandenong to establish the first major food waste processing facility in Victoria. The plant will reprocess around 17,000 tonnes of food and other organics in its first year of operation (00/01), increasing to 35,000 tonnes per year.

Initially feedstock for the facility will be provided by food processors and major supermarket chains. Coles

Supermarkets is the first chain to enter into an agreement with Natural Recovery Systems. Coles have commenced a staff training program on food segregation and recovery. Markets for the composted material include horticulture, landscaping, broad acre pasture and cropping, and the home garden market.

The facility was built in early 2000.

QUALITY OF COMPOSTED GREEN ORGANICS

The quality of composted garden organics products is an important issue for the industry. Sustainable markets will only be established if end users, such as the horticultural industry, have confidence that the product is safe and offers benefits in use.

EcoRecycle Victoria has funded

research on best practice composting methods through the Institute for Horticultural Development (IHD) over several years. In 99/00 the Industry Assistance program was extended for a second year from January 2000. This involved continued industry support through an advisory service and training in best practice composting. IHD continued to produce and distribute *ComPost* quarterly newsletter to over 1000 subscribers. To improve industry practices, a Quality in Composting course was run by IHD as part of the EcoRecycle funded program. Thirty-five participants completed training and 10 achieved accreditation. Importantly, as a result of the training, all participants identified and made positive changes/improvements to their facilities.

MARKET DEVELOPMENT FOR GREEN ORGANIC PRODUCTS

Sustainable markets also need to be developed to ensure long-term sustainability for the composting industry. The industry is relatively new and its products need to gain acceptability in the market.

A clear direction for EcoRecycle's role in developing markets for garden organics has been set following the completion of a Market Growth Strategy in 99/00. One of the early outcomes was production of a marketing kit and marketing advice to four reprocessors. Other initiatives will be implemented over the next 12-18 months to increase awareness of the benefits of composted garden organics.

EcoRecycle Victoria continued to fund field trials in viticulture, vegetable growing, pasture, landscape, and animal bedding.



Achievements

- *Initiated a long-term Home Composting program aimed at diverting 180,000 tonnes of household food and garden organics from landfill per year.*
- *Provided financial support for the establishment of a food waste processing facility in Dandenong, which will divert around 35,000 tonnes of food and other organics from landfill per year.*
- *Provided training for 35 compost industry members through the 'Quality in Composting' accredited course, with 10 receiving TAFE accreditation.*
- *Increased compost sales by at least 6,000 tonnes as a result of horticultural field trials.*
- *Sponsored a recycled garden display at the International Flower and Garden Show which attracted around 100,000 visitors over three days.*

re•duce (ri•doos', •dyoos') v. •du
1. To make less in size, amount.



Minister for the Environment and Conservation, Ms Sherryl Garbutt, turns the compost at the opening of the Royal Botanic Gardens organics education facility.

Successful field trials have demonstrated positive benefits for crops, such as reduced water use, less weeds and higher yields. The results of these trials provide excellent opportunities to promote the benefits and increase sales of composted garden organics products. Some trials have already achieved increased sales. For example, trials undertaken by Scato Plus helped to secure sales of 4,000 tonnes to vineyards and trials by Greenchip in Wodonga helped to secure sales of 2,000 tonnes to tree growers and orchardists.

To assist Victorian compost processors with timely and reliable independent testing, the State Chemistry Laboratory, assisted by EcoRecycle, was recognised by Standards Australia as an accredited laboratory.

Further field trials of products in landscape applications were supported through a grant to IHD for work at Moreland City Council and the Melbourne Zoo.

PUBLIC EDUCATION

To create greater public awareness, EcoRecycle sponsored a display by the Landscape Industry Association of Victoria (LIAV) at the Melbourne International Flower and Garden Show.

The theme of the display was 'Many Happy Returns' and it attracted over 100,000 people over three days. The LIAV outdoor display compared a wasteful 20th century garden with a relaxed and resourceful 21st century garden.

The old garden used resource-demanding hedges and lawn, while the new millennium creation featured extensive use of compost and mulch, products made from recycled materials and smart water use. Savings in cost, time and effort were highlighted.

Composting displays were also featured.

The garden received a Bronze medal for Landscape Design and gained considerable media and public interest.

INFRASTRUCTURE

Funding support was provided to facilitate establishment of infrastructure for garden organics drop-off, collection and reprocessing facilities. Projects approved in 99/00 included a new mobile screening unit for Greenchip Recycling, a new garden organics processing facility at Robinvale (Swan Hill City Council), site improvements at the Scato Plus facility in Epping and the Organic Recyclers' facility at Laverton.

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Result
Green waste volume collected and processed.	200,000	120,000 tonnes in 98/99
Food waste volume collected and sold.	-	146,000 tonnes in 98/99
Number of processors accredited	0	
Participation rate for home composting.	-	57% with compost bin
\$ value of markets for compost.	-	Unknown

waste wise education



WASTE WISE IS A PROGRAM OF
ECORECYCLE VICTORIA

The Waste Wise Education program is a comprehensive 'whole-community' program set up as part of EcoRecycle's integrated package of measures to help the community minimise waste and litter.

The Waste Wise model is based on:

- Best practice waste management
- Best practice education
- Strategic planning and cooperative effort between state, regional and local levels
- Flexibility to suit local differences and to encourage a sense of ownership

REGIONAL WASTE WISE PROGRAM

A network of 20 Regional Education Officers (REOs) covering all 16 Waste Management Regions, with two officers in Western, South Eastern, Gippsland and Eastern Regions, is a key component in the program. Through liaison, facilitation and hands-on support from the REO network, 15 Regional Waste Management Groups are implementing regional education plans. The 16th and final plan is under development. Fifty-two of Victoria's 78 Councils now have Waste Wise Education strategies in place or under development. Thirty-two of these councils finalised their strategies during 99/00.

Approximately \$60,000 was provided to community groups across Victoria, through 14 Regional Waste Management Groups and their community networks. The funds supported 62 projects involving community participation and education in local waste management issues.

WASTE WISE SCHOOLS PROGRAM

The program of longer-term attitude and behaviour change is also supported by the Waste Wise Schools program. The program provides teacher training, education resource kits and establishment and maintenance of the statewide network of support schools.

During 99/00, the third year of the program, 255 teachers were trained and 273 schools started implementing Waste Wise curriculum and operational programs. Up to 90% reduction in School waste reported. Coordination and joint promotions with the Department of Education and other organisations included sponsorship of the Rubbish Free Lunch Challenge, development of EcoRecycle Fact Sheets, audio tapes for the sight impaired and items on the statewide schools satellite TV network.

EDUCATION CENTRE SUPPORT PROGRAM

Broader based community education, curriculum support and outreach programs continued with the expansion of a network of regional education centres. This includes 20 mobile and permanent centres that have been provided with demonstration products made from recycled materials, poster sets, videos and other educational materials.

Infrastructure funding supported the establishment of a number of education centres: Banyule Rethink Education Centre and the Visy Plastics Recycling Education Centre and trailer/caravan-style mobile units for Mornington, Desert Fringe and Western Regions. EcoRecycle also continued to support waste and litter education at the Gould League and CERES centres. In all, over

170,000 school students and adults have visited and/or participated in on-site and outreach education activities with a waste education component through CERES and the Gould League.

Assistance for a major upgrade to the Gould League Waste Wise Education Centre was approved. Concept plans have been developed and construction work will commence during 00/01. Funding and staff training was provided to update the waste education component of Zoo Education Centre programs at Melbourne Zoo, Healesville Sanctuary, and Werribee Park. Approximately 120,000 students and 20,000 teachers and parents participate in the Zoo education programs each year.

WEBSITE DEVELOPMENT AND CURRICULUM MATERIAL DISTRIBUTION

Access to and the distribution of curriculum and other kit material to waste and litter educators continued to provide an important service and was facilitated through EcoRecycle's website. Selected publications from the Waste Wise Kit were made available for download from the website and REOs, council education officers, and other recipients of the Waste Wise education kit were sent updated materials as they became available.

Achievements

- Continued involvement of 20 Regional Education Officers in the Waste Wise Program.
- 52 councils with Waste Wise strategies in place or under development.
- 62 community group projects supported.
- 20 permanent and mobile education centres established or supported.
- 255 teachers trained bringing the total to over 600.
- 273 new schools using the Waste Wise Kit.

INTEGRATION OF WASTE WISE PROGRAM

The Waste Wise education program is also a significant contributor to many of EcoRecycle's other programs. REOs and their regions actively participate in the full range of EcoRecycle programs including industry and business, events, organics and communication campaigns. Their involvement is essential to facilitate local level involvement and ownership in these programs. They continued to play a key role with many of the organisations that have joined the Waste Wise Business certification scheme.

Ongoing liaison and support and three two-day REO training workshops held in July, December and May were used to facilitate this. REOs have also established informal and formal networks to advance the program.

MONITORING AND EVALUATION

A system for ongoing short and long-term evaluation is being established to monitor Waste Wise action at the local level and create a record of local actions achieved. An early evaluation report on the Waste Wise program was produced in 99/00. It identified substantial achievements in community, school communities, councils and businesses where the Waste Wise model, involving learning through action, was implemented.



Council and industry stakeholders attend a tour of the CERES environment park.

In developing the evaluation process, workshops were held with REOs and local waste educators to consider objectives, methods and roles in evaluating the implementation of Waste Wise at the regional and local level.

The evaluation methodology is being designed to address the complexity of evaluating behavioural change in a wide range of communities.

Key Performance Indicators

KPI (from Business Plan and Work Plan)	Target 98/99	Result 98/99	Target 99/00	Result 99/00	Total for whole program
Regional Education Officer positions maintained	16	16	20	20	20
Regions adopting education plans	na	9	7	6	15
Council education strategies underway	20	20	20	32	52
Schools using the Waste Wise kit*	400	265	270	273	538
Teachers trained	260	347	260	255	602
Support schools established	26	28	26	28	56
Education centres assisted (fixed and mobile)	6	7	4	20	27

*Due to curriculum planning cycles, a delay of 3-12 months may exist between teacher training and use of the Waste Wise Kit. Relatively few schools have been willing to purchase and use the kit without training.

communications & information

EcoRecycle strives, through its communication and information programs, to create an informed industry and community to encourage appropriate action to reduce waste and litter.

STAKEHOLDER WORKSHOPS, BRIEFINGS, SEMINARS, TOURS AND LAUNCHES

In response to stakeholder needs, EcoRecycle implemented a coordinated schedule of launches, workshops, seminars, conferences and tours in 99/00. For EcoRecycle, the program provided opportunities for industry learning, promotions and relationship building with stakeholders and the community. Attendances of 3,681 people at 30 major events with key stakeholders and the community was achieved.

Highlights included the Waste Wise Business briefing by Sherryl Garbutt, the Minister for the Environment and Conservation, which was attended by over 200 industry stakeholders; Stakeholder Business Planning Workshop attended by over 220 key industry stakeholders; and a series of Business Forums providing information, industry testimonials and discussion opportunities on issues relating to market development, and waste reduction and management in business.

PUBLIC EDUCATION ADVERTISING CAMPAIGNS

Home Composting

Multi-media campaigns provided an essential broad based, community education component to the communications matrix and allowed opportunity for participation at the regional and local level.

A three-year Home Composting program was launched by the Minister for Environment and Conservation in March 2000 to increase diversion of

compostable household waste. Featuring Denise Drysdale, the campaign's first stage involved 889 TV commercials, 2 newspaper advertisements and 310 radio spots. The campaign was given additional impetus by ten celebrity demonstrations involving Jane Edmanson of Gardening Australia and 3MP. Comprehensive resource kits were provided, including the distribution of 460 home composting videos and 115,000 brochures for community, councils, and regional groups. Major hardware retailers also distributed composting brochures and reported significant public interest in composting. Research indicated that over 300,000 Victorians aged 18+ (10.1% of sample), were prompted to seek more information and 373,000 (13.1% of sample) had made changes since seeing the campaign.

Kerbside Recycling Campaign

The completion and review of the Kerbside Recycling campaign conducted during June and July 1999 to provide education on appropriate household recycling revealed excellent results. NewsPoll surveys indicated a recall of around 65%, while around 24% admitted learning something new and changing behaviour.

Waste Wise Day

Victoria's inaugural Waste Wise Day was created in 2000 to raise awareness of the Waste Wise program and messages. The day was declared by Sherryl Garbutt MP. The theme was 'Waste Wise Shopping' featuring Australia's first ever Waste Wise Shopping Guide. The Guide highlights the choices people can make to achieve waste reduction in the home and

community through wiser purchasing decisions.

Litter Prevention

A litter campaign targeting littering from moving vehicles was implemented during the summer holiday period (December 1999 -February 2000). The campaign included television, radio and billboard advertising. The slogan "Do Your Bit - Bin it" was used to encourage Victorians to bin their waste, not fling it from their vehicles.

In developing the campaign, previous surveys and focus groups provided valuable insights into public opinion and understanding of littering behaviour. In addition to operating this significant litter campaign, EcoRecycle is also the premier sponsor of the Keep Australia Beautiful, Rural and City Pride Awards. (See Litter Prevention and Control)

NEWSLETTERS AND PUBLICATIONS

EcoRecycle endeavours to keep key industry stakeholders informed about developments, progress in the industry, and EcoRecycle's programs and projects. In response to stakeholder feedback, *EcoVoice* newsletter, *Remake Market Report* and *Bulletin* were consolidated into one *EcoVoice* as an eight-page tabloid. Four editions were produced and circulated during the year. Further resources and information were distributed through the production of 46 publications, reports, and guides to key industry and community sectors. These included a monthly EcoRecycle Update for Regional Waste Management Groups members, a quarterly Guide to EcoRecycle's Resources detailing publications, and other available resources.

Achievements

- *Successfully implemented the first stage of a long-term Home Composting campaign with research indicating 79.3% (representing over 2.84 million Victorians 18+) claiming awareness of the campaign and 28.2% claiming they had learnt something new about composting.*
- *Increased the awareness level of EcoRecycle in the community to 45%.*
- *Significant increase in the number of Australian visitors to EcoRecycle's website, from 8,000 in 98/99 to over 15,000 in 99/00. The average visitor stay increased from around 3.5 minutes to 12 minutes.*
- *Established Waste Wise Day, with the support of the Minister for the Environment and Conservation.*
- *Published Australia's first Waste Wise Shopping Guide, listing products with recycled content which quickly has become one of the most downloaded publications from the website.*
- *Co-ordinated a program of media promotions, exhibitions, and stakeholder events with a total of 3,681 key stakeholders attending 30 events.*

MEDIA RELATIONS

EcoRecycle implemented a pro-active approach to media promotions and public education through the news media. This provided significant general publicity.

EcoRecycle partnered Regional Waste Management Groups, councils, and the private sector in promoting successful programs and projects through 149 media releases distributed to industry, suburban, regional and metropolitan press, radio and television media. Prompted awareness of EcoRecycle in the Victorian community is now around 45% and close to 20% of people aged 24 - 60+ described EcoRecycle as active in education, advertising and promotion of recycling.

WEBSITE & INFOLINE SERVICES

The Website and 1800 Infoline continued to provide a very important information service to the industry and the general community through advice, direct mail and electronic access to information.

Over 4,840 people were provided with information through the Infoline. This was supported by the introduction of recorded messages for chemical collection dates accounting for around 25% of calls received and the significant reduction from last year, in total calls received.

While the number of website visitors remained relatively the same as last

year, by actively promoting the site the number of Australian visitors was increased from around 23% to 50% (from 8,000 to over 15,000 visitors). The average length of time visitors spent at the site increased from around 3.5 minutes to a very significant 12 minutes.

SPONSORSHIPS AND BUSINESS AWARDS

To support industry development, promote its programs and build relationships with industry and community, EcoRecycle actively sought and utilised sponsorships of major industry conferences and awards.

Support was provided to:

- Landcare Conference
- Compost 2000
- Royal Melbourne Show's Green Day Out
- Fifth Australian Waste Convention
- Waste Educate 2000
- Master Builder's Association Excellence in Housing and Construction Awards
- Banksia Foundation Environment Awards
- National Conference on Lifecycle Assessment
- National Packaging Awards
- Southern Cross Student Packaging Awards
- The Royal Australian Institute of Architects Awards

EcoRecycle was the premier supporter of the Waste Educate 2000 Conference and the highly respected Keep Australia Beautiful Victoria Rural and City Pride Awards. Working with others, EcoRecycle also continued to support and promote the International Solid Waste Association Conference for Melbourne in 2003.

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Revised Target 99/00	Results 99/00
Events	22	30	30
Event attendees	1,100	1,746	3,681
Press releases	80	140	149
Publications developed	25	No change	46
Australian Website visitors	10,000	12,600	15,360
Total Website visitors	36,000	No change	32,890
Web pages visited (hits)	288,000	1,100,000	1,164,765
Infoline contacts	7000	No change	4, 849

performance measurement & data collection

The availability of reliable data is essential for good planning. Working with others, EcoRecycle is upgrading methodologies and infrastructure to enable better measurement and evaluation of waste management practices.

LANDFILL LEVY DATA

The success of EcoRecycle's programs is reflected in the volume of waste going to landfill. Currently, the most reliable source for this data is the landfill levy system, which has been used by the Environment Protection Authority to compile annual waste statistics since 92/93 (see table below). Until 96/97, the data showed a continuing downward trend for municipal waste of around 18.5 per cent over the period since 1992/93. A similar trend in other solid waste (which includes commercial and industrial waste, construction and demolition waste and waste delivered to landfill by the general public) has not been achieved. Since 97/98 only total waste to landfill figures have been available, and these figures have been influenced by the extension of the levy in 97/98 to all licensed landfills throughout Victoria. Preliminary figures show that total waste to landfill in Victoria fell from 4.4 million tonnes in 97/98 to 4.2 million tonnes in 98/99, a decrease of

approximately 6%. Waste disposed per head of population in Victoria fell by 8% in 98/99.

The 98/99 *Annual Survey of Recycling Industries* showed recycling in Victoria has increased from 3.0 million tonnes to 3.2 million tonnes. This means that 44% of all waste generated in or imported to Victoria is now recycled, either locally in Victoria or exported for recycling.

WASTE CATEGORISATION SYSTEM

From 92/93 to 96/97, waste to landfill data provided a split in tonnages for "Municipal" and "Other" (ie industry) waste due to differential rates in levies paid. Since 97/98 this split has not been available in the data.

As the cost of conducting traffic surveys at landfills to identify waste sources is high and only provides 'snap-shot' data, the need to establish a waste categorisation system at Victorian landfills was identified. The new system must gather data on the key sources of waste from Municipal, Commercial & Industrial and Building & Demolition sectors on a continuous basis throughout the year.

The role of transfer stations in bulking up waste from various sectors to then send to landfill has proved a complication in establishing the Waste Categorisation System during 99/00. This has necessitated a delay in establishing the system, now deferred for implementation in 00/01.

MUNICIPAL (DOMESTIC) DATA

EcoRecycle has completed an electronic survey of municipal waste, recycling and litter for the 97/98 financial year. The survey sought data from all 78 councils on recycling and waste services, generation rates, waste and recycling costs, contractual arrangements and facilities for the 97/98 financial year. Considerable delays occurred in completion of returns. When final returns were received in November 1999, only 61 councils had responded and less than 50% of respondents had completed all data sought. Consequently little meaningful analysis can be undertaken of the survey returns. EcoRecycle is working with the Regional Waste Management Groups and councils to ensure future surveys are fully completed and submitted on time.

Table 3

Financial Year	Municipal solid waste (tonnes)	Other solid waste (tonnes)	Total solid waste (tonnes)	Total recycled materials (tonnes)	Total landfilled and recycled materials (tonnes)	Diversion rate %
92/93	1,460,258	2,097,428	3,557,686	Not Available	Not Available	Not available
93/94	1,406,090	2,213,691	3,619,781	1,283,000	4,901,781	26%
94/95	1,283,560	2,305,491	3,589,051	2,113,000	5,702,051	37%
95/96	1,290,000	2,218,000	3,508,000	2,634,000	6,142,000	43%
96/97	1,189,747	2,297,395	3,487,142	3,148,000	6,635,142	47%
97/98	No Split	No Split	4,433,909 *	2,978,000*	7,411,909*	40%
98/99	No Split	No Split	4,185,240 *#	3,242,000*	7,427,240*	44%

Source: Environment Protection Authority, Victoria, May 1999
* 1997/98 and 98/99 figures are for all Victoria. Prior to 97/98 the landfill levy was only charged at sites in metropolitan Melbourne, Ballarat, Bendigo, Geelong and Mornington Peninsula.
Preliminary Data from EPA (as at May 2000).

Achievements

- *Waste and recycling surveys and waste reduction strategies completed for the motor vehicle and parts manufacturing sector and electrical equipment & appliance manufacturing sectors.*
- *Annual industry surveys estimating materials recycled for the 97/98 and 98/99 financial years completed.*
- *Annual survey of municipal waste and recycling for the 97/98 financial year completed.*

INDUSTRY DATA

Data collection in the commercial and industrial sector is undertaken in order to develop effective strategies for waste minimisation and recycling. Priority sectors are identified based on the contribution of the sector to the total waste stream. During 99/00, strategies were completed for the Motor Vehicle & Parts Manufacturing, Electrical & Appliance Manufacturing and Accommodation sectors.

MOTOR VEHICLE & PARTS MANUFACTURING

Eighty-two manufacturers were audited as part of this project. Based on employee numbers, audit data was expanded to the entire sector. The total waste sent to landfill by this sector was estimated at approximately 30,000 tonnes per year. The total materials recycled was 105,000 tonnes per year. The major waste streams

included foundry sand (42%), ferrous metals (14%), cardboard (8%), timber (7%) and plastic (6%).

The strategy, which identified many waste minimisation opportunities, was promoted at a meeting of the Federation of Automotive Products Manufacturers, circulated to Regional Waste Management Groups and is available on EcoRecycle's website. As a result, proposals have been sought for market development projects for recycling of industrial packaging and foundry sand. Furthermore, two of the Regional Industry programs are specifically targeting the automotive sector (see Commerce & Industry section for more details).

ELECTRICAL & APPLIANCE MANUFACTURING

Thirty sites were audited as part of this project. The total waste sent to landfill from the sector is estimated at 7,000 tonnes per year, with a further 5,000 tonnes per year recycled. The key waste streams included cardboard, solid inert (ceramic insulators from one manufacturer) and timber. The strategy for this sector will be completed by EcoRecycle early in 00/01.

ACCOMMODATION

Forty-three accommodation establishments were surveyed covering five sub-sectors. These included licensed hotels, serviced apartments, motels & guesthouses, bed and breakfasts, and caravan parks. The total waste sent to landfill from this sector is approximately 358,000 cubic metres. For all sub-sectors, recyclables made up the majority of the waste stream, followed by compostable waste. Sixty percent of sites participated in recycling schemes. A strategy has been developed and will be implemented during 00/01.

Key Performance Indicators

KPI (from Business Plan)	Target 99/00	Result
Waste categorisation system established and adopted by key landfill sites by end 99/00.	Key sites with majority of waste to landfill - number yet to be determined.	Not achieved - for implementation in 00/01.
Annual Survey of Municipalities (data 98/99 year) completed.	98/99 Survey completed end May 2000.	97/98 Survey completed December 99 municipal survey review resulted in next survey held over to 00/01.
Waste Reduction Strategies developed for two (2) industry sectors - Accommodation and Electrical Equipment.	2 industry strategies.	Accommodation and Electrical Equipment Strategies completed.
Data gathered annually by material category on estimates of material recycled in Victoria and pricing data gathered quarterly from June 99.	98/99 Materials Recycled Survey. completed end March 2000.	98/99 Materials Recycled Report completed June 2000. Collected quarterly and published in EcoVoice.
Regular reporting and monitoring of performance measurement data embedded via KPI database.	Database finalised end February and data entry completed end March 2000.	Delayed by input of data. For implementation 00/01.
Attitudinal surveys completed. (See Communications and Information).	2	Litter Advertising. Home Composting Advertising.

roles and responsibilities

Source: Environment Protection Act
1970, Part IX-Resource Recovery.

49B Function

1. The function of EcoRecycle Victoria is to protect the environment by facilitating the achievement of:
 - a) waste reduction objectives identified in Victorian legislation and government policies; and
 - b) best practices in waste management.
2. EcoRecycle Victoria is to perform its function by:
 - a) contributing to the development of government policies on waste management;
 - b) providing a statewide forum for collaboration on waste avoidance, waste reduction, waste management and related matters;
 - c) promoting throughout Victoria waste avoidance, waste reduction and recovery, reuse and recycling of resources and best practices in waste management;
 - d) developing and publishing implementation strategies for the achievement of government policy objectives of waste management;
 - e) developing and implementing community education and awareness strategies in relation to waste reduction;
 - f) developing and implementing strategies to foster sustainable markets for recovered resources and recycled materials;
 - g) contributing to the development of waste and litter reduction targets and performance measures for industry, the community and governments to enable the measurements of progress in meeting policy objectives;

- h) monitoring and reporting on the achievement of waste and litter reduction targets;
- i) commissioning, supporting and collaborating on research into waste reduction and waste management;
- j) contributing to the development of waste reduction and waste management infrastructure and technologies;
- k) developing guidelines, emergency procedures and codes of practice to facilitate compliance with relevant legislation and state environment protection policies and conformity of standard in waste management services in consultation with the Environment Protection Authority, industry and regional waste management groups;
- l) publishing guidelines and codes of practice for the collection of recyclable containers, packaging and materials after consultation with the relevant regional waste management and industry groups;
- m) developing and supporting programs and technologies for the prevention, control and collection of litter;
- n) developing and supporting programs for the training and education of staff involved in waste reduction and management;
- o) advising the Minister on any matter referred to it by the Minister

49C Powers

EcoRecycle Victoria may do all things that are necessary or convenient to enable it to do anything referred to in section 49b

environment policy

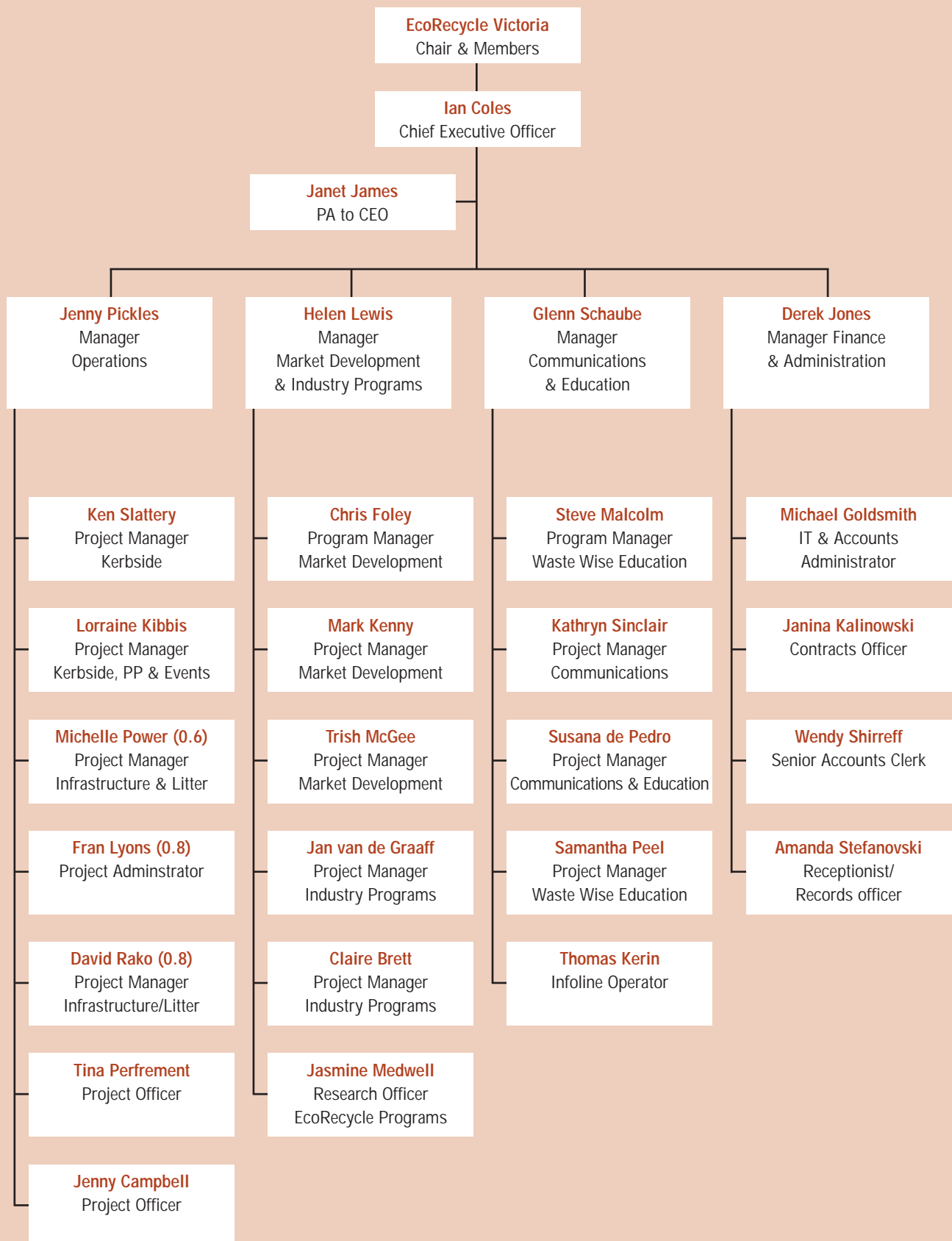
EcoRecycle Victoria has implemented the Waste Wise Organisation program in its own workplace.

An audit was conducted in November 1999. This found that although there were many good practices already in operation, further opportunities for continual improvements were identified. Approximately 35% of the waste stream was made up of food organics. A further 15% was packaging items that could be recycled i.e. empty coffee tins. The audit also found that, although most paper was generally recycled correctly, a considerable amount had only been used on one side. Stocks of paper printed on one side were not always being consumed for informal, internal communications.

In response to this EcoRecycle has implemented a number of initiatives. These include:

- Messages broadcasting and encouraging staff to use stocks of one sided pre-printed paper
- Paper recycling bins at all work stations, including information on what should be placed in these bins
- Introduction of a worm farm for all food scraps. Staff, are able to take home the 'worm juice' and compost as it becomes available.
- Improved recycling facilities for glass, plastic and steel. Previously, staff were encouraged to take these home for recycling. A weekly pick up service has now been arranged.
- EcoRecycle has a Buy Recycled Policy for internal application.

organisational chart



statements

WORKFORCE DATA

EcoRecycle Victoria is required to report on the applications of the principles of merit and equity under the Public Sector Management and Employment Act 1998. Annual reports are provided to the Office of the Public Service Commissioner and for the reporting period, the following data was provided:

Additional recruitment was undertaken during the year to resource the delivery of EcoRecycle's Business Plan 1999-2002.

Table 4

	2000 (as at 30/6/00)	1999 (as at 30/6/99)
Total Employees	26	22
Male	9	10
Female	17	12
Part Time	2	1
Full Time	24	21
Managers/Professionals (Male)	9	8
Managers/Professionals (Female)	7	6
Para-Professionals (Male)	0	0
Para-Professionals (Female)	6	2
Clerks (Male)	0	2
Clerks (Female)	4	4

FREEDOM OF INFORMATION

No requests were received under the Freedom of Information Act 1982 during the reporting period (1999 No requests received)

AUDIT SUB-COMMITTEE

In August 1997, EcoRecycle Victoria established an Audit Sub-Committee which operates under terms of reference approved by the Members. The role of the Audit Sub-Committee is to assist EcoRecycle to fulfil its function by reviewing and reporting on the adequacy, reliability and effectiveness of EcoRecycle's administrative, operating and accounting controls. The Sub-Committee is also to report on whether the resources of EcoRecycle are expended in accordance with its approved annual budget and function as

outlined in the three-year business plan.

The Sub-Committee also provides EcoRecycle Victoria with additional assurance regarding the reliability of financial statements.

The members of the Audit Sub-Committee during the year were:

Ms Cheryl Batagol (Chair)

Cr Robert Beynon

Cr Christine Kelly

Mr Robert Jolly

Ms Janet West - to 8 March 2000

Mr Warwick Field - to 8 March 2000

Cr Noel Harvey - to 8 March 2000

Mr Alan Seale - to 8 March 2000

The Audit Sub-Committee is also responsible for directing and monitoring the internal audit function, the monitoring of compliance with regulations, guidelines and standards relevant to a statutory authority and body corporate.

CONSULTANCIES

During the reporting period, there were five consultancies entered into in excess of \$100,000.

Consultant Gould League of Victoria

Particulars Promotion and dissemination of Waste Wise Schools Kit and provision of professional and curriculum development services.

Total Fees \$205,000

Future Commitments \$12,800

Consultant Institute for Horticultural Development

Particulars Organics industry assistance program. Comprising training, advisory service and information transfer, based on "Guide to Best Practice-Composting Green Organics".

Total Fees \$111,000

Future Commitments \$86,000

Consultant Hatler Environmental Pty Ltd

Particulars Coordinator of EcoRecycle Victoria's household chemical collection program for the period October 1999 to June 2001.

Total Fees \$174,955

Future Commitments \$60,067

Consultant Chemsal Pty Ltd

Particulars Contractor for the collection and disposal of the collections for EcoRecycle Victoria's household chemicals collection program for the period October 1999 to June 2001.

Total Fees \$580,485 based on the schedule of rates modelling carried out prior to approval of consultancy. Actual payments are based on actual collections and disposals.

Consultant Palace Publicity and Productions

Particulars Provision of public relations and promotional services. Payments for consultancy services are based on actual services provided.

Total Fees \$123,920

Consultancies less than \$100,000

Number of Consultancies 28
(1999 = 41)

Total Cost of Engagements

\$1,345,846 (1999 - \$1,057,247)

grants & sponsorship

program for 1999/2000

COMMUNICATIONS & INFORMATION

Organisation	Project Title	Description	Funding
Department of Education	Rubbish Free Lunch Challenge	Sponsorship for the Department of Education's Rubbish Free Lunch Challenge activity for schools	\$10,000.00
Keep Australia Beautiful Council (Victoria) Inc	Rural and City Pride Awards 1999/2000	Sponsorship of KABV award	\$268,000.00
Master Builders Association of Victoria MBAV	MBAV - Excellence in Construction Awards 2000	Sponsorship of the MBAV Excellence in Construction Awards	\$12,000.00
Natural Resources & Environment Department	International Landcare 2000 sponsorship	Sponsorship of the International Landcare 2000 conference	\$10,000.00
Packaging Council of Australia	Year 2000 Australian Packaging Awards	Sponsorship - EcoRecycle Victoria Material Efficiency Award	\$8,000.00
Royal Agricultural Society of Victoria	Green Day Out sponsorship	Sponsorship of the Royal Melbourne Show theme day	\$10,000.00
Royal Australian Institute of Architects (Awards)	2000 Vic Architecture Awards	Sponsorship of the Environment Sustainable Development category	\$12,000.00
Schools for a Sustainable Future	Schools for a Sustainable Future	Sponsorship of the Annual Presentation Day	\$1,000.00
Second National Conference of Life Cycle Assessment	Second National Conference on Life Cycle Assessment	Major Sponsorship of Pathways to Eco-Efficiency conference	\$10,000.00
Waste Educate 2000 Conference	Waste Educate 2000 Conference	Sponsorship of Waste Educate 2000 conference	\$15,000.00
Waste Management Association of Australia	Compost 2000 Conference	Sponsorship of the Compost 2000 conference	\$15,000.00
Waste Management Association of Australia	Fifth Australian Waste Conference sponsorship	Sponsorship of the convention	\$10,000.00
TOTAL			\$381,000.00

HOUSEHOLD WASTE REDUCTION & RECYCLING

Organisation	Project Title	Description	Funding
Cleanaway	Paper Recycling Assistance Fund - Sorting	Assistance to develop sorting infrastructure to enhance market opportunities for specific paper grades.	\$13,043.40
Colac Otway Shire	Kerbside Development Program - Non Metro Program	Kerbside Development Program - non metropolitan KDP for Colac Otway Shire Council.	\$70,170.00
Corangamite Shire Council	Kerbside Development Program - Non Metro Program	Kerbside Development Program - non metropolitan KDP for Corangamite Shire Council.	\$48,234.00
Surf Coast Shire Council	Paper Support Fund - Sorting to Surf Coast Shire Council	Sorting of newspaper from newspaper/cardboard mixed stream. Assistance to develop sorting infrastructure to enhance market opportunities for specific paper grades.	\$3,875.20
Warrnambool City Council	Kerbside Development Program - Non-Metropolitan	Kerbside Development Program - Non metropolitan KDP for Warrnambool City Council.	\$63,000.00
Wellington Shire Council	Kerbside Development Program - Non Metro Program	Kerbside Development Program - Non metropolitan KDP for Wellington Shire Council.	\$91,086.00
West Wimmera Shire Council	Kerbside Development Program - Non Metro Program	Kerbside Development Program - Non metropolitan KDP for West Wimmera Shire Council.	\$8,034.00
TOTAL			\$297,442.60

LITTER PREVENTION & CONTROL

Organisation	Project Title	Description	Funding
Ararat Rural City Council	Litter Trap funding	Installation of a litter trap to the outlet into Alexandra Lake, Ararat	\$8,000.00
Ballarat City Council	Litter Trap funding	Installation of a litter trap at North Gardens Reserve, Lake Wendouree.	\$33,000.00
Ballarat City Council	Litter Trap funding	Installation of a litter trap adjacent to Dowling Street, Wendouree, near Paul's Basin.	\$50,000.00
Barwon Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Barwon RWMG.	\$3,000.00
Buloke Shire Council	Litter Trap funding	Installation of a litter trap near the stormwater discharge point into the Avoca river from the main shopping district of Charlton.	\$20,000.00
Buloke Shire Council	Litter Trap funding	Installation of a litter trap to the main stormwater outlet drain to the Richardson River, Donald.	\$15,000.00
Calder Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Calder RWMG.	\$2,250.00
Central Goldfields Shire Council	Litter Trap funding	Installation of a litter trap within the main drain of Maryborough township.	\$36,625.00
Central Murray Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Central Murray RWMG.	\$3,000.00
Desert Fringe Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to Desert Fringe RWMG.	\$1,500.00
East Gippsland Shire Council	Litter Trap funding	Installation of a litter trap at Macleod Morass.	\$18,000.00
Gippsland Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Gippsland RWMG.	\$4,500.00
Goulburn Valley Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Goulburn Valley RWMG.	\$4,500.00
Grampians Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Grampians RWMG.	\$3,000.00
Greater Bendigo City Council	Litter Trap funding	Installation of a litter trap within the stormwater system in Bull Street, Bendigo.	\$12,000.00
Greater Dandenong City Council	Litter Trap funding	Installation of a litter trap at Jacksons Road, the main drain feeding into the Yarraman Creek.	\$50,000.00
Greater Geelong City Council	Litter Trap funding	Installation of litter traps at Lara Shopping Centre to prevent litter from entering Hovells Creek.	\$14,500.00
Hepburn Shire Council	Litter Trap funding	Installation of a litter trap at the outfall drain to Creswick Creek, Creswick.	\$30,000.00
Hepburn Shire Council	Litter Trap funding	Installation of (1) litter trap at Vincent St and (2) litter traps at Raglan St outfalls to Doctor's Gully Creek, Daylesford.	\$30,000.00
Highlands Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Highlands RWMG.	\$4,500.00
Latrobe Shire Council	Litter Trap funding	Installation of a litter trap at English Street, Morwell.	\$22,500.00
Latrobe Shire Council	Litter Trap funding	Installation of a litter trap at Hotham Street outfall, Traralgon.	\$24,000.00
Least Waste (Trading Name of Eastern Regional Waste Management Group)	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to Least Waste (Eastern RWMG).	\$3,750.00
Melbourne City Council	Litter Trap funding	Installation of litter trap in Spencer Street, Melbourne, to service 21 hectare CBD catchment area.	\$15,795.00
Mildura Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Mildura RWMG.	\$750.00
Moorabool Shire Council	Litter Trap funding	Installation of a litter trap within the stormwater drainage network of the central business area of Ballan.	\$12,000.00
Moreland City Council	Litter Trap funding	Installation of (2) litter traps, located at Prospect Street, Glenroy and at Albion Street, Brunswick.	\$34,750.00
Mornington Peninsula Shire Council	Litter Trap funding	Installation of a litter trap within the Balcombe Estuary, Mt Martha."	\$15,000.00
Mornington Peninsula Shire Council	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Mornington Peninsula Shire Council.	\$750.00

LITTER PREVENTION & CONTROL cont...

Organisation	Project Title	Description	Funding
Mornington Peninsula Shire Council	Litter Trap funding	Installation of (3) litter traps at Dromana Pier.	\$26,031.60
North East Victorian Regional Waste Management Group - NevRwaste	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the North East RWMG NevRwaste.	\$4,500.00
Northern Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the Northern RWMG.	\$4,500.00
Port Phillip City Council	Litter Trap funding	Installation of litter traps at the end of Fitzroy Street Main Drain, St Kilda.	\$31,980.00
South Eastern Regional Waste Management Group	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the South Eastern RWMG.	\$7,500.00
South West Waste (trading name of South Western Regional Waste Management Group)	Litter Prevention Task Force funding 1999/2000	Funding for the Litter Prevention Task Force to the South West RWMG.	\$3,750.00
Surf Coast Shire Council	Litter Trap funding	Installation of litter traps in the retail centre drainage catchment, Anglesea.	\$35,000.00
Surf Coast Shire Council	Litter Trap funding	Installation of (1) litter trap at Lorne Shopping Centre catchment, (1) at Seaford Estate catchment and (1) at Grove Road catchment.	\$70,000.00
Surf Coast Shire Council	Litter Trap funding	Installation of (2) litter traps within the storm water catchment including Torquay CBD and Taylor Park.	\$30,000.00
Swan Hill Rural City Council	Litter Trap funding	Installation of a litter trap at McCallum Street drain to prevent pollutant discharge into the Murray River.	\$60,000.00
Wangaratta Rural City	Litter Trap funding	Installation of litter traps for the One Mile Creek.	\$10,000.00
Warrnambool City Council	Litter Trap funding	The installation of a gross pollutant trap at the Fairy St outfall which discharges directly into Lake Pertobe.	\$50,000.00
Western Regional Waste Management Group	Litter Prevention Task Force Funding 1999/2000	Funding for the Litter Prevention Task Force for the Western RWMG.	\$6,750.00
Wyndham City Council	Litter Trap funding	Installation of litter traps on existing drainage discharging into the Werribee River.	\$20,000.00
Yarra Ranges Shire Council	Litter Trap funding	Installation of a litter trap at Kimberley Reserve GPT, Chirnside Park.	\$25,500.00
Yarra Ranges Shire Council	Litter Trap funding	Installation of litter traps at Melba Park Reserve, Lilydale.	\$25,000.00
TOTAL			\$883,181.60

MARKET DEVELOPMENT PROGRAM

Organisation	Project Title	Description	Funding
ACI Glass Packaging Australia	Crushed glass use in construction products.	Development of specifications for crushed glass as a construction material and develop new applications.	\$50,000.00
Alex Fraser Asphalt Production	Recycled asphalt pavement and maintenance products	To characterise the properties of recyclable asphalt and design new products for the purpose of specific road pavement construction and maintenance applications.	\$87,333.00
Alternative Solid Fuel Technologies Australia Pty Ltd (prev. Log-ett Australia)	Wax cardboard for fuel	To develop a prototype which will efficiently draw waxed cardboard into the compacting system to manufacture briquettes.	\$39,500.00
Australian Recycling Technologies	Plastic granulation and shredding equipment in Ballarat.	Funding the installation and commissioning of granulation and shredding equipment to process plastics collected in the Ballarat and the surrounding area.	\$50,000.00
Calder Regional Waste Management Group	Feasibility study - Small Moulded Packaging Facility	Determine the feasibility of the establishment of a commercially viable small moulded packaging facility in the Calder Region.	\$10,000.00
Desert Fringe Regional Waste Management Group	Animal Litter for organic fertiliser manufacture	To identify and confirm the economic potential of processing and marketing poultry litter as an organic fertiliser.	\$12,300.00
Geofusion Research Pty Ltd	Formulation of geopolymer products	To design and develop distinct geopolymeric formulations that will transform a combination of concrete, glass, paper and polystyrene packaging into highly durable pre-fabricated building panels.	\$67,106.00

MARKET DEVELOPMENT PROGRAM cont...

Organisation	Project Title	Description	Funding
Mount Alexander Shire Council	Use of recycled building materials in refurbished office accommodation	A community demonstration model of successfully renovating a building with recycled materials and a waste wise strategy.	\$50,000.00
Municipal Association of Victoria MAV	Local Government Buy Recycled Alliance	Funding of an executive officer for the Local Government Buy Recycled Alliance.	\$80,000.00
Plastics & Chemicals Industries Association - NSW	Recycling of Silage and Mulch Agricultural Films	Developing an economical and efficient collection system for silage and mulch agricultural waste film.	\$20,000.00
Plastics Granulating Services	Recycling of HDPE Shopping Bags	Establishment of a trial collection and processing system to recycle used shopping bags back into new shopping bags.	\$44,000.00
Polymer Australia Pty Ltd	Creating new recycling options for post-consumer bottle grade HDPE	Development and commercialisation of technology for economically increasing the melt flow rate of recycled HDPE.	\$75,000.00
Repeat Plastics Pty Ltd	Recycled Plastics Railway Sleeper	Testing the performance of railway sleepers made from post consumer plastics to the requirements of Australian rail authorities.	\$30,000.00
Southcorp Wines	Paper mulch as a weed suppressant	Demonstrate and document the effectiveness of paper pellets as mulch for weed control during the first three years of vineyard development.	\$27,715.00
Swinburne University of Technology - Hawthorn Campus	Sound Barriers for Urban Freeways using Recycled Concrete Aggregate	Develop sound absorbing / attenuating barriers utilising the natural porosity of concrete made with aggregate from demolished concrete.	\$40,340.00
Swinburne University of Technology - Hawthorn Campus	Newsprint and Coal as a Peat Replacement	Develop newsprint / low rank coal blends as substitutes for peat.	\$35,000.00
Viscount Plastics Pty Ltd	Injection Moulded Plastic Lattice	Develop price competitive injection moulded lattice using post-consumer reinforced HDPE material.	\$56,000.00
Visy Recycling	Milk Crates from Milk Bottles	The integration and use of recycled milk bottle resin into milk crates.	\$51,874.00
Wharington International Pty Ltd	Furniture products from recycled materials	Design and develop new furniture products containing post-consumer recycled resins.	\$42,300.00
		TOTAL	\$868,468.00

ORGANICS RECOVERY

Organisation	Project Title	Description	Funding
Food and Packaging Centre Management Ltd	Grape Marc Utilisation	Market feasibility study and development program to establish and demonstrate the operational requirements for processing grape marc.	\$50,000.00
Goulburn Valley Regional Waste Management Group	Marketing Mulch Applications	Demonstrate and promote the benefits of composted green organics applications through field trials on vineyard.	\$14,450.00
International Management Group IMG - Flowershow 2000		Sponsorship of the Melbourne International Flower and Garden Show.	\$22,500.00
Landscape Industries Assoc of Victoria	Melbourne International Flower & Garden Show display	Sponsorship to LIAV for display at the Melbourne International Flower & Garden Show 2000.	\$20,000.00
Organic Recyclers Pty Ltd	Recovery of Demolition Waste	Determining the potential volumes of recoverable demolition waste generated in the Ballarat area, and develop a coloured mulch product.	\$32,000.00
Seymour Rural Equipment Pty Ltd	Green Waste Mulch Spreader	Proposed new spreader with a capacity of four cubic metres that travels between rows of vines and effectively spreads composted green organics in vineyards and orchards.	\$17,000.00
State Chemistry Laboratory	Standards for testing Composts and Waste.	Independent laboratories in Victoria to produce certification recognition for typetesting composts, wastes and other organic soil ameliorants by Standards Australia	\$30,580.00
Zoological Board of Victoria (Royal Melbourne Zoological Gardens)	Zoo Gro	The collection, separation, processing and marketing of organic wastes from the Melbourne Zoo. Zoo Gro is the name of the new waste product.	\$30,000.00
		TOTAL	\$216,530.00

PUBLIC PLACE & EVENT RECYCLING

Organisation	Project Title	Description	Funding
Grampians Regional Waste Management Group	Waste Wise Event	Sponsorship of Grampians Arts and Gardens Discovery Festival 30-31 October 1999	\$1,500.00
		TOTAL	\$1,500.00

RESOURCE RECOVERY & WASTE MANAGEMENT

Organisation	Project Title	Description	Funding
AA Allshape Pallets	Recycling and reclaiming of timber from pallet repair and manufacture.	To purchase and install machinery and equipment for recycling and reclaiming timber pallets and waste from pallet repair and manufacture.	\$82,350.00
AGJ Cartage Contractors Pty Ltd	Mobile Integrated Screening Unit for the Reusable Resource Recovery Centre, Dingley.	Mobile Integrated Screening Unit to maximise the recovery of reusable resources from the hard waste stream at the Dingley Reusable Resource Recovery Centre.	\$27,500.00
Alpine Shire Council	Recycling Drop-off Facilities	To provide clearly designated and purpose built drop-off facilities for recycling products at the Council's two landfill sites (Myrtleford and Porepunkah) and transfer station site (Mount Beauty).	\$25,000.00
Alpine Shire Council	Implement Dinner Plain recycling service.	The construction of a resource recovery facility at Dinner Plain which includes recycling drop off facilities.	\$35,000.00
Ararat Rural City Council	Construction of Transfer Station/Recycling facility in Ararat	The construction of a transfer station in Ararat which includes recycling drop-off facilities.	\$75,000.00
Barwon Regional Waste Management Group	Regional Education Centre	To develop a Regional Education Centre adjacent to the North Geelong Recycling and Waste Transfer Facility.	\$15,000.00
Barwon Regional Waste Management Group	Weighbridge Funding Program 1999/2000	Weighbridge support funding - Barwon Regional Waste Management Group.	\$34,000.00
Baw Baw Shire Council	Lardner Refuse Depot Transfer Station and Recycling Drop-Off Facility, Stage 2	Stage 2 of construction of a transfer station at the new Lardner Refuse Depot site for the transfer of all waste to Council's proposed sole landfill at the Trafalgar refuse depot, including signed recycling facilities.	\$90,000.00
Baw Baw Shire Council	Trafalgar Refuse Depot - Upgrading of Recycling Drop-Off facilities	Construction of recycling drop-off and storage facilities at the Trafalgar refuse depot.	\$25,000.00
Bell Recycling Pty Ltd	Infrastructure Improvement for Bell Recycling in Broadford	Provide equipment for materials recovery centre to enable sorting of increased quantities of recyclables.	\$7,000.00
Boroondara City Council	Improvements to the City of Boroondara Transfer Station	To upgrade the site, including the construction of a new recycling area, and improved access to the transfer station and green waste areas.	\$350,000.00
Buloke Shire Council	Resource Recovery Facilities in Buloke Shire	The development of resource recovery facilities at the Sea Lake, Wycheproof and Donald landfills.	\$23,000.00
Calder Regional Waste Management Group	Regional Education Facility (Mobile)	Design and construction of mobile education centre to promote the aims of the Waste Wise Program and Calder Regional waste management objectives.	\$10,000.00
Calder Regional Waste Management Group	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - Calder Regional Waste Management Group.	\$3,900.00
Calder Regional Waste Management Group	Weighbridge Funding Program 1999/2000	Weighbridge support funding - Calder Regional Waste Management Group.	\$17,000.00
Campaspe Shire Council	Resource Recovery Facilities at Colbinabbin, Toollen & Rochester Transfer Stations	Provision of resource recovery facilities at the existing Colbinabbin, Rochester & Toollen transfer stations.	\$5,500.00
Campaspe Shire Council	Kyabram Resource Recovery and Waste Transfer Station (Kyabram ECO Centre)	Construction of transfer station just out of Kyabram which will provide resource recovery facilities will allow the closure of three landfills.	\$100,000.00
Casey City Council	Upgrade of the Regional Materials Recovery Facility at the Transfer Station, Cranbourne.	An upgrade of the MRF at the regional transfer station in Cranbourne, including an improvement in the storage capacity and operation of the receival hopper, and the construction of a hardstand area.	\$35,725.00
Central Murray Regional Waste Management Group	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - Central Murray Regional Waste Management Group.	\$5,616.00

RESOURCE RECOVERY & WASTE MANAGEMENT cont...

Organisation	Project Title	Description	Funding
Colac Otway Shire	Apollo Bay Transfer Station Construction	To develop and install a transfer station in Apollo Bay to allow for the separation and storage of tyres, oil, green organics, rubble, secondhand goods and material for resale.	\$45,000.00
Commercial Tippers Pty Ltd - incorporating Commercial Sands & Waste Converters	Upgrade of Commercial Sands/Waste Converters Recycling Facility	Updating of plant and equipment used to recycle foundry sands, topsoils, green waste, timber waste, and building and demolition wastes.	\$50,000.00
Corangamite Shire Council	Construction of Transfer Station/ Recycling facility at Corangamite Landfill	Development and construction of a recycling and transfer facility at the Corangamite regional landfill to improve waste diversion.	\$27,500.00
Darebin City Council	Upgrade of the Darebin Resource Recovery Centre.	Reallocation and upgrading of public green waste and recycling drop-off areas adjacent to hard waste recovery deck.	\$180,000.00
Dasma Environmental Solutions	Resource Recovery, Refurbishment and Sales Centre	Establishment of a resource recovery repair and sales shop at the Gippsland Regional Resource Recovery Centre.	\$15,000.00
Desert Fringe Regional Waste Management Group	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - Desert Fringe Regional Waste Management Group	\$6,760.00
Desert Fringe Regional Waste Management Group	Waste Wise Trailer for Desert Fringe RWMG	Design and construction of mobile education centre for the Desert Fringe Region.	\$14,500.00
Downes Recycling	Multi Purpose Plastics Baler	Installation of a large capacity baler to compact product sorted from the Rural City of Ararat kerbside collection and other collections.	\$12,000.00
Eaglehawk Recovery and Sales Yard	Eaglehawk Resource Recovery	The construction and installation of an undercover area and recycled steel shelves for the improved storage of recovered materials.	\$36,000.00
East Gippsland Shire Council	Resource Recovery Facility in Bairnsdale	Establishment of resource recovery facilities at the regional landfill in Bairnsdale.	\$100,000.00
Ecolibrium Pty Ltd (T/A Scato Plus)	Epping Compost Facility Development	Improve infrastructure for receivals, processing and sales of green organics, including a shed for value added processing and construction of a sales centre.	\$154,000.00
Gannawarra Shire Council	Transfer Station Upgrades	To complete works at 3 transfer stations at Kerang, Quambatook & Lalbert in accordance with EcoRecycle best practice guidelines.	\$20,000.00
Gippsland Regional Waste Management Group	Consistent Signage for Transfer Stations	Implementation of consistent signage at nominated transfer stations across the Gippsland Region.	\$10,600.00
Gippsland Regional Waste Management Group	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - Gippsland Regional Waste Management Group.	\$18,850.00
Gippsland Regional Waste Management Group	Weighbridge Funding Program 1999/2000	Weighbridge support funding - Gippsland Regional Waste Management Group.	\$102,000.00
Goulburn Valley Regional Waste Management Group	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - Goulburn Valley Regional Waste Management Group.	\$21,930.74
Goulburn Valley Regional Waste Management Group	Weighbridge Funding Program 1999/2000	Weighbridge support funding - Goulburn Valley Regional Waste Management Group.	\$17,000.00
Grampians Regional Waste Management Group	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - Grampians Regional Waste Management Group.	\$9,100.00
Greater Bendigo City Council	Provision of Resource Recovery and Transfer Station at Elmore	The provision of a transfer and resource recovery facility in Elmore to meet best practice guidelines.	\$30,000.00
Highlands Regional Waste Management Group	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - Highlands Regional Waste Management Group.	\$27,300.00
Hindmarsh Shire Council	Plastics Crusher/Shredder	The purchase or construction of a mobile crushing or shredding machine to reduce the volume of recyclable plastics.	\$18,000.00
HLR Enterprises Pty Ltd, Trading as Ausbin	Soil Recovery Facility at Lysterfield Transfer Station	Provision of a vibrating screen and associated infrastructure for the screening of soil from building site clean up.	\$18,000.00
HLR Enterprises Pty Ltd, Trading as Ausbin	Provision of recovery facilities at the Lysterfield Transfer Station	Provision of singed facilities to enable drivers of small vehicles, resident and trade persons to drop off recoverable materials prior to accessing the waste transfer area.	\$15,000.00

RESOURCE RECOVERY & WASTE MANAGEMENT cont...

Organisation	Project Title	Description	Funding
Howmans Gap Alpine Centre	Composting - Waste Reduction	Development of a pilot composting unit which will be available as a demonstration unit to show that sustainable waste management principles are feasible in Alpine areas.	\$6,000.00
Ileowl Pty Ltd (T/A Greenchip Recycling)	Compost Improvement using a mobile screening unit.	Purchase of equipment to enable production of superior product for viticulture in the NE Region.	\$40,000.00
Indigo Shire Council	Multi Purpose Baling Machine	Purchase and set up of a portable cardboard baler for use at various transfer stations.	\$15,750.00
Least Waste (Trading Name of Eastern Regional Waste Management Group)	Regional Waste Management Facility - Montrose Transfer Station	This will be a regional facility situated in the Montrose area including recyclables, recoverables drop-off centre for local residents and businesses, and a recovery and reuse sales centre.	\$400,000.00
Loddon Shire Council	Mobile Litter Screens at seven landfills in the Loddon Shire.	To provide mobile litter screens (wire mesh with metal frames on wheels or rollers) at each landfill site in the Loddon Shire.	\$3,500.00
Lyonville Rubbish Removals	Recyclates Baler for Materials Recovery Facility at Daylesford.	Purchase of a baler for the Council owned sub-regional materials recovery facility at Daylesford.	\$14,000.00
Macedon Ranges Shire Council	Litter Controls and Signage at Woodend Transfer Station	Provision of improved litter controls and signage at Woodend transfer station.	\$5,000.00
Macedon Ranges Shire Council	Kyneton Recovery Reuse and Recycle Centre and Transfer Station	The development of a facility for recovery reuse and recycling, a composting facility, and a transfer station to allow waste to be transferred to an alternative landfill.	\$80,000.00
Melbourne City Council	Melbourne Waste and Recycling Centre	Physical redesign of the Melbourne transfer station to increase waste diversion to recycling and re-use.	\$14,906.04
Melton Shire Council	Ferris Road Transfer Station - Roof Structure	Construction of a roofed area over the unloading areas for recyclables that are placed in skips, which will include associated drainage works.	\$40,000.00
Mildura Rural City Council	Hattah Waste Transfer and Recycling Station	The design and construction of a "mini" waste transfer and recycling station following the closure of the Hattah Landfill.	\$10,000.00
Mildura Rural City Council	Cullulleraine Waste Transfer and Recycling Station	The design and construction of a "mini" Waste transfer and recycling station following the closure of Cullulleraine landfill.	\$10,000.00
Mildura Rural City Council	Werrimull Waste Transfer and Recycling Station	The design and construction of a waste transfer and recycling station for the Werrimull and central Millewa community following closure of the township's landfill.	\$35,000.00
Mildura Rural City Council	Murrayville Waste Transfer and Recycling Station	The design and construction of a waste transfer and recycling station following the closure of the Murrayville and Cowangie landfills.	\$35,000.00
Mitchell Shire Council	Pyalong Waste Transfer Station	Construction of a waste transfer station to service the Townships of Pyalong and Tooboorac.	\$26,000.00
Mitchell Shire Council	Waste Oil Facilities - Transfer Stations	Provision of waste oil disposal facilities at the Seymour and Kilmore Landfills, and the Broadford transfer station.	\$6,000.00
Moira Shire Council	Numurkah and Barmah Waste Transfer Stations	Construction of transfer stations just out of Barmah and Numurkah providing resource recovery facilities and allowing the closure of the landfills at Numurkah and Barmah.	\$75,000.00
Moonee Valley City Council	Moonee Valley Transfer Station & Recycling Facility (Holmes Road)	Expansion and upgrading of the existing transfer station.	\$212,000.00
Moorabool Shire Council	Ballan Landfill Recycle Drop Off Facilities	The provision of hardstanding and "best practice" recyclables & hardwaste facilities at the Ballan Landfill and add facilities for a composting centre and waste minimisation depot.	\$15,000.00
Mornington Peninsula Recyclers	New Material Recovery Facility	Construction a building for recyclable materials, a wider and longer sorting conveyor system, to enhance recoverables/ recyclables and undercover storage area for unprocessed recyclables.	\$111,000.00

RESOURCE RECOVERY & WASTE MANAGEMENT cont...

Organisation	Project Title	Description	Funding
Mount Alexander Shire Council	Upgrade Resource Recovery and Waste Transfer Station, Maldon.	Upgrade of the Maldon resource recovery and waste transfer station to include receival bins, fencing, hard standing areas and signage.	\$15,000.00
Moyne Shire Council	Upgrade Waste Segregation and recycling at waste disposal facilities.	This project provides internal signage and perimeter fencing to upgrade facility to best practice in a rural setting.	\$10,000.00
Murrindindi Shire Council	Eildon Waste Transfer Station	Construction of transfer station just out of Eildon which will allow the closure of the landfill, at Eildon.	\$25,000.00
Murrindindi Shire Council	Resource Recovery Facilities - Alexandra Waste Transfer Station	Establishment of resource recovery facilities at Alexandra to allow for better separation of materials and provide undercover storage for materials for reuse or resale.	\$18,344.50
Natural Recovery Systems	Food Waste Recycling Facility	Project to establish a food waste processing facility in metropolitan Melbourne.	\$400,000.00
North East Victorian Regional Waste Management Group - NevRwaste	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - North Eastern Regional Waste Management Group.	\$13,780.00
North East Victorian Regional Waste Management Group - NevRwaste	Regional Executive Officer - Funding Support	Funding for full-time executive officer in non metropolitan regions - NevRwaste.	\$36,500.00
Oakleigh Bottle Depot Pty Ltd T/A Oakleigh Recyclers	Upgrade of Materials Recovery Facility, Oakleigh South	Improve current sortation facilities including lighting, redesign of conveyor, installation of magnet and ducts for air retrieval and relocation of plastic press baler.	\$33,580.00
Organic Recyclers Pty Ltd	Upgrade permanent infrastructure at Organics Facility	Expansion of the existing hardstand area to cater for increased volumes of seaweed and other organic materials to be composted at Organic Recyclers' Western Region composting facility.	\$70,000.00
Pinegro Products Pty Ltd	Paper sludge diversion.	To establish a composting and processing facility in Deer Park to divert paper sludge from landfill and convert it into marketable products.	\$250,000.00
Pyrenees Shire Council	Upgrade Avoca Transfer Station and Landsborough Recycle Drop-off Facilities	The provision of hardstanding, recyclables, green waste and hard waste (C&D and C&I) facilities at the Avoca transfer station and Landsborough landfill.	\$20,000.00
Rocklea Spinning Mill	Vermicast Production	Using the Vermicast method, the project will process 10,000 c/m per year of waste previously gone to landfill.	\$60,000.00
South Gippsland Shire Council	Koonwarra Transfer Station Establishment	Establishment of a transfer station at the site of the proposed Koonwarra landfill to provide a site for residents to dispose of garbage and recyclables.	\$75,000.00
South West Waste (trading name of South Western Regional Waste Management Group)	Landfill Rehabilitation Funding 1999/2000	Unlicensed landfill rehabilitation support funding - South West Regional Waste Management Group.	\$27,950.00
South West Waste (trading name of South Western Regional Waste Management Group)	Weighbridge Funding Program 1999/2000	Weighbridge support funding - South West Regional Waste Management Group	\$17,000.00
Southern Grampians Shire Council	Transfer Station at Cavendish.	The establishment of a transfer station at Cavendish, including recycling facilities and diversion of hard waste.	\$25,000.00
Southern Grampians Shire Council	Establish a Transfer Station at Dunkeld	The establishment of a transfer station at Dunkeld, including recycling facilities and diversion of hard waste.	\$35,000.00
Stonnington City Council	Surrey Road Transfer Station Upgrade	To improve handling waste material at the Surrey Road transfer station by replacing the existing baler facility with a static transfer packer.	\$80,000.00
Strathbogie Shire Council	Resource Recovery Facilities - Nagambie, Euroa Waste Transfer Station and Violet Town Landfill	Construction of transfer stations at Nagambie, Euroa and Violet Town landfills which will provide resource recovery facilities.	\$12,500.00
Surf Coast Shire Council	Waste Tyre and Oil Facilities - Stage 1	To provide facilities for separation and storage of tyre and oil wastes at the Lorne, Anglesea and Winchelsea landfills.	\$10,000.00
Swan Hill Rural City Council	Robinvale Landfill Recycling Bays	Construction of resource recovery facilities at the Robinvale landfill, which includes recycling drop off facilities.	\$15,000.00

RESOURCE RECOVERY & WASTE MANAGEMENT cont...

Organisation	Project Title	Description	Funding
Swan Hill Rural City Council	Robinvale Landfill Green Waste Processing	The provision of a hardstanding (paved) area to receive greenwaste at Robinvale landfill.	\$7,500.00
Swan Hill Rural City Council	Swan Hill Recycling Centre Plastic Press	The provision of a 35 tonne plastic press or shredder for the processing of recyclable household and industrial waste plastics.	\$20,600.00
Towong Shire Council	Walwa Waste Transfer Station/ Resource Recovery Centre	Construction of a two bay waste transfer station / resource recovery centre at Walwa on the site of the current landfill.	\$30,000.00
Towong Shire Council	Drop-off Recycling Facilities.	Construction of drop-off recycling facility to provide a secure place for 240 litre mobile garbage bins (MGB'S) in rural areas.	\$5,000.00
Visy Recycling	Automatic Glass Sorting Plant	Visy Recycling are to process glass fines previously disposed of to landfill through an optical glass sorting system (binder) to recover for glass manufacture.	\$500,000.00
Visy Recycling	South Eastern Suburbs ONP Sort Line	Installation of uplift conveyor, OCC and ONP screens, and post sort conveyor to add value to low value mixed kerbside waste collected in eastern and south-eastern suburbs of Melbourne.	\$125,000.00
Wangaratta Rural City	Rural Landfill Signage	Installation of signage to improve community awareness and upgrading of resource recovery facilities at rural transfer station sites.	\$7,500.00
Waverley Industries	Paper Sorting and Baling Facility.	To establish a paper sorting and baling facility to receive kerbside collection material from the City of Monash and other collections.	\$150,000.00
Wellington Shire Council	Sale Transfer Station Upgrade	To upgrade Sale transfer station to include the receipt of recyclables, greenwaste	\$24,000.00
West Wimmera Shire Council	Transfer Station establishment at Kaniva and Gorokey.	The establishment of transfer stations with resource recovery facilities at Kaniva and Gorokey.	\$41,000.00
Western Regional Waste Management Group	Waste Wise Education Trailer for Western Region.	Design and construction of mobile education centre for the Western Region.	\$9,000.00
Wormology	Composting Facility & Food Waste Recycling at H.J. Heinze Australia	To recycle food factory waste (food/non-food) into compost and worm castings.	\$50,000.00
Yarriambiack Shire Council	Satellite Recycling Stations at Murtoa and Warracknabeal	The establishment of two satellite recycling stations at Murtoa and Warracknabeal which will facilitate resource recovery.	\$20,000.00
TOTAL			\$5,308,542.28

WASTE REDUCTION IN INDUSTRY & COMMERCE

Organisation	Project Title	Description	Funding
Barwon Regional Waste Management Group	Timber and pallet recycling business - Feasibility Study	To assess the feasibility and develop a business plan for a timber and pallet recycling business.	\$10,000.00
Central Murray Regional Waste Management Group	Regional Waste Wise Business Proposals	Plan, develop and promote Waste Wise Business program.	\$40,000.00
Gippsland Regional Waste Management Group	Regional Waste Wise Business Proposal	Deliver TAFE based training program, workshop, feasibility studies/market research.	\$60,000.00
Goulburn Valley Regional Waste Management Group	Regional Waste Wise Business Proposal -	Develop and deliver TAFE based training programs based around the Waste Wise Business model including the North East region.	\$76,700.00
Highlands Regional Waste Management Group	Regional Waste Wise Business Proposal	Provide waste collection and recycling companies with resources to facilitate waste reduction among their clients.	\$50,000.00
Least Waste (Trading Name of Eastern Regional Waste Management Group)	Waste Wise Program for automotive repair sector	Automotive repair sector Waste Wise Business Program in the Least Waste region.	\$66,000.00
Northern Regional Waste Management Group	Regional Waste Wise Business Proposals	Provision of training to go through a Waste Audit and action plan process.	\$110,000.00
South Eastern Regional Waste Management Group	South Eastern Regional Program - stage 2	To identify and implement strategies to reduce commercial and industrial waste in SE Region.	\$50,000.00

WASTE REDUCTION IN INDUSTRY & COMMERCE

Organisation	Project Title	Description	Funding
South Eastern Regional Waste Management Group	Regional Waste Wise Business Proposal	Identify and determine C&I waste disposed to landfill and through surveys and auditing, examine opportunities for C&I waste minimisation.	\$50,000.00
		TOTAL	\$512,700.00

WASTE WISE EDUCATION

Organisation	Project Title	Description	Funding
Barwon Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$4,909.40
Barwon Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
Calder Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
Calder Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$4,251.00
Central Murray Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
Central Murray Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives	\$5,249.00
CERES (Centre for Education and Research in Environmental Strategies)	CERES Education Centre - General Support Stage 3	General support of the CERES Education Centre	\$20,000.00
Desert Fringe Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives	\$7,250.00
Desert Fringe Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
Environment Victoria Inc	Community Participation in Waste Minimisation Stage 3	Project to foster participation by community organisations and the wider community in waste and litter minimisation, with an initial focus on rural regions.	\$70,000.00
Gippsland Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$5,250.00
Gould League of Victoria	Redevelopment of Gould League Establishment	Redevelopment of entrance & displays at Genoa St, Moorabbin - The Gould League of Victoria"	\$75,000.00
Gould League of Victoria	General support - Gould League	Gould League Education Centre - General support stage 1999/2000	\$20,000.00
Grampians Regional Waste Management Group	Community Participation Grants	Grants to assist community organisations with local initiatives.	\$5,352.74
Grampians Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
Highlands Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
Highlands Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives	\$4,571.00
Least Waste (Trading Name of Eastern Regional Waste Management Group)	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$75,000.00
Least Waste (Trading Name of Eastern Regional Waste Management Group)	Community Participation Grants	Grants to assist community organisations with local initiatives.	\$1,350.00
Least Waste (Trading Name of Eastern Regional Waste Management Group)	Regional Education Officer - Stage 3	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$91,667.00

WASTE WISE EDUCATION cont...

Organisation	Project Title	Description	Funding
Mildura Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$3,454.00
Mildura Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
Mornington Peninsula Regional Waste Management Group	Regional Education Officer - Stage 1	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
North East Victorian Regional Waste Management Group - NevRwaste	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
North East Victorian Regional Waste Management Group - NevRwaste	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$1,450.00
Northern Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$2,746.00
Northern Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$58,333.00
South Eastern Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$100,000.00
South Eastern Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$4,000.00
South West Waste (trading name of South Western Regional Waste Management Group)	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$50,000.00
South West Waste (trading name of South Western Regional Waste Management Group)	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$3,837.50
Western Regional Waste Management Group	Community Participation Grants	Grant to assist community organisations with local initiatives.	\$8,490.00
Western Regional Waste Management Group	Regional Education Officer - Stage 2	Employment of a regional education officer to coordinate and promote throughout the region a strategic approach to waste and litter education.	\$100,000.00
TOTAL			\$1,172,160.64

financial statements

Operating Statement for the year ended 30 June 2000

	Note	2000 \$	1999 \$
REVENUE			
Landfill Levy	1.3	8,634,880	8,919,984
Interest		534,970	571,216
Sale of Publications		8,897	11,449
Other Income		67,417	52,003
Total Revenue		9,246,164	9,554,652
EXPENSES			
Salaries and Wages		1,551,067	1,302,942
Members Allowances		44,810	46,128
Accommodation Expenses		118,469	104,169
Operating Expenses		405,888	392,840
Travel Expenses		29,781	31,773
Depreciation	1.2 & 10(b)	139,046	119,367
Professional Services		184,974	114,267
Program Expenses	20	11,316,125	8,052,123
Total Expenses		13,790,158	10,163,609
NET (DEFICIT) AFTER ABNORMAL ITEMS		(4,543,995)	(608,957)
ACCUMULATED DEFICIT AT THE BEGINNING OF THE YEAR		(2,353,105)	(1,744,148)
ACCUMULATED DEFICIT AT THE END OF THE YEAR		(6,897,099)	(2,353,105)

The accompanying notes form part of these financial statements.

Statement of Cash Flows for the year ended 30 June 2000

	Note	2000 \$	1999 \$
CASH FLOWS FROM OPERATING ACTIVITIES			
Receipts from Landfill Levy		8,271,100	9,135,015
Interest Received		550,330	592,656
Payments to Suppliers and Employees		(13,932,861)	(11,191,256)
Other Receipts		(157,078)	11,753
Net Cash Provided By / (Used In) Operating Activities	15	(5,268,509)	(1,451,832)
CASH FLOWS FROM INVESTING ACTIVITIES			
Payments for Plant and Equipment		(181,170)	(96,267)
Proceeds from Sale of Plant and Equipment		64,511	19,875
Payments for Investments		(8,815,423)	(10,927,024)
Proceeds from Investments		14,335,026	12,543,770
Net Cash Provided By / (Used In) Investing Activities		5,402,944	1,540,354
Net Decrease in Cash Held		134,435	88,522
Cash at the Beginning of the Year		94,915	6,393
Cash at the End of the Year	7	229,350	94,915

The accompanying notes form part of these financial statements.

Balance Sheet
for the year ended 30 June 2000

	Note	2000 \$	1999 \$
CURRENT ASSETS			
Cash	7	229,350	94,915
Investments	8	4,278,392	9,794,284
Receivables	9	4,553,399	4,178,200
Prepayments		9,130	2,920
TOTAL CURRENT ASSETS		9,070,271	14,070,319
NON-CURRENT ASSETS			
Fixed Assets	10(a)	326,693	335,641
Investments	8	31,671	31,671
Receivables	9	200,000	-
TOTAL NON-CURRENT ASSETS		558,364	367,312
TOTAL ASSETS		9,628,634	14,437,631
CURRENT LIABILITIES			
Creditors & Accruals	11	815,504	1,104,357
Provision for Annual Leave	12	68,815	56,704
TOTAL CURRENT LIABILITIES		884,319	1,161,061
NON CURRENT LIABILITIES			
Provision for Long Service Leave	12	21,121	9,381
TOTAL NON CURRENT LIABILITIES		21,121	9,381
TOTAL LIABILITIES		905,440	1,170,442
NET ASSETS	13	8,723,195	13,267,189
EQUITY			
Contributed Capital	14	15,620,294	15,620,294
Accumulated (Deficit)		(6,897,099)	(2,353,105)
TOTAL EQUITY		8,723,195	13,267,189

The accompanying notes form part of these financial statements.

Notes to the Financial Statements for the Year Ended 30 June 2000

NOTE 1: SIGNIFICANT ACCOUNTING POLICIES

1.1 Basis of Accounting

The financial statements have been prepared as general purpose financial statements in accordance with the requirements of the Financial Management Act 1994, the directions of the Minister for Finance under this Act, Australian Accounting Standards and other mandatory professional reporting requirements.

The financial statements have been prepared on an accrual basis and in accordance with the historical cost convention, with the exception of Investments, which are valued at market (net realisable) value.

The accounting policies adopted are consistent with those of previous years. Where necessary the figures for the previous year have been reclassified to facilitate comparison.

1.2 Plant and Equipment

Non-current assets are included at cost and are depreciated on a straight line basis over their estimated useful life to the organisation. Depreciation rates adopted are :-

Computer Equipment	33%
Motor Vehicle	22.5%
Furniture, Plant and Equipment	20%

In accordance with the Australian Accounting Standard AAS 10, "Accounting for Revaluation of Non-Current Assets" as a not-for-profit entity, EcoRecycle Victoria is not required to determine that the carrying amount of non-current assets does not exceed their recoverable amount through their continued use.

1.3 Landfill Levy

Revenue from the Landfill Levy is accrued as it is earned and brought to account in the period to which it relates.

The amount recognised for the 1999/2000 year (ie \$8.635 million) is based on actual receipts and estimates obtained from the Environment Protection Authority in July 2000.

The 1998/1999 figure was \$8.920 million.

In the 1999/2000 year, the landfill levy has been received on a quarterly basis. As at 30 June 2000, two quarterly payments of funds had been received. The third quarter payment landfill levy was received in August 2000 and the final payment is due in October/November 2000.

1.4 Grant Expenditure

Grants, that form part of program expenditure, are accrued for on the basis of the percentage of the contract performed as at the reporting date. The unperformed component of the contract is disclosed as Commitments at Note 5 of this report.

1.5 Leases

Lease payments for operating leases, where substantially all the risks and benefits remain with the lessor, are charged as expenses in the periods in which they are incurred.

1.6 Goods and Services Tax

Revenues, expenses and assets are recognised net of the amount of goods and services tax (GST), except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO). In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense.

Receivables and payables are stated with the amount of GST included.

The net amount of GST recoverable from, or payable to, the ATO is included as a current asset or liability in the statement of financial position.

1.7 Comparative Figures

Where applicable, comparative figures have been adjusted to conform with changes in the presentation in the current year.

NOTE 2: INCOME TAX

EcoRecycle Victoria is income tax exempt as per Section 23(d) of the Income Tax Assessment Act 1936.

NOTE 3: CONTINGENT LIABILITIES

EcoRecycle Victoria had no contingent liabilities as at the reporting date. There are no mortgages, charges or securities of any description affecting any of the property of EcoRecycle Victoria. The figure for 1998/1999 was also nil.

NOTE 4: EMPLOYEE ENTITLEMENTS

Superannuation

EcoRecycle Victoria does not contribute to any Defined Benefits Funds and therefore does not have any unfunded superannuation liability as at the reporting date. EcoRecycle Victoria contributed in respect of its employees to the following superannuation authorities:

4.1 Local Authorities Superannuation Fund, LASPLAN, established in respect of Local Authorities, as defined in Victoria. In accordance with statutory requirements, EcoRecycle Victoria contributed 7% of salaries for the year. The amount of superannuation paid to the scheme during the year was \$27,797 (1998/1999 was 7% and \$26,434). There are no outstanding contributions at the end of the year and no loans between EcoRecycle Victoria and LASPLAN.

4.2 GIO Australia. In accordance with statutory requirements, EcoRecycle Victoria contributed 7% of salaries for the year. The amount of superannuation paid to the scheme during the year was \$58,299 (1998/1999 was 7% and \$48,467). There are no outstanding contributions at the end of the year and no loans between EcoRecycle Victoria and GIO Australia.

4.3 Hesta Superannuation Fund. In accordance with statutory requirements, EcoRecycle Victoria contributed 7% of salaries for the year. The amount of superannuation paid to the scheme during the year was \$836. No contributions were made to Hesta Superannuation Fund in 1998/1999. There are no outstanding contributions at the end of the year and no loans between EcoRecycle Victoria and Hesta Superannuation Fund.

4.4 Colonial Easy Options Superannuation. In accordance with statutory requirements, EcoRecycle Victoria contributed 7% of salaries for the year. The amount of superannuation paid to the scheme during the year was \$483. No contributions were made to Colonial Easy Options Superannuation Fund in 1998/1999. There are no outstanding contributions at the end of the year and no loans between EcoRecycle Victoria and Colonial Easy Options Superannuation.

Wages, Salaries and Annual Leave

4.5 Liabilities for wages, salaries and annual leave are recognised and are measured as the amount unpaid at the reporting date at current pay rates in respect of employees' service plus on-costs.

Sick Leave

4.6 A sick leave provision has not been recognised as sick leave is non-vesting.

Long Service Leave

4.7 A liability for long service leave is recognised and is measured as the present value of expected future payments to be made in respect of services provided by employees up to the reporting date. Consideration is given to expected future wages and salary levels plus on-costs, experience of employee departures and period of service. Expected future payments are discounted using interest rates on national government guaranteed securities with terms to maturity that match, as closely as possible, the estimated future cash outflows. As the organisation has only been in existence since 1996, no employee has accrued entitlement to long service leave. Therefore the entire long service leave liability is treated as non-current.

NOTE 5: COMMITMENTS

Financial commitments entered into and approved by EcoRecycle Victoria as at the reporting date, not included in the Balance Sheet and to be carried forward into the 00/01 Financial Year, are \$7,070,558.

Comparative figures are provided below:

	2000	1999
	\$	\$
Household Waste Reduction and Recycling	56,697	180,086
Marketing Development Program	706,320	84,190
Litter Prevention and Control	473,733	965,500
Waste Reduction in Commerce and Industry	585,911	233,213
Organics Recovery	250,409	-
Resource Recovery and Waste Management	4,309,391	4,085,355
Waste Wise Education	641,733	438,333
Communication and Information	12,950	10,000
Performance Measurement and Data	33,414	-
Total Commitments :	7,070,558	5,996,677

NOTE 6: AUDITOR'S REMUNERATION

Amounts paid and payable to the Auditor-General pursuant to the Audit Act 1994, for the financial audit of the accounts to 30 June 2000 amount to:

	2000	1999
	\$	\$
Audit of Accounts :	8,700	8,700

NOTE 7: CASH

	2000	1999
	\$	\$
Cash at Bank	229,150	94,615
Petty Cash	200	300
	229,350	94,915

NOTE 8: INVESTMENTS

Investments are valued at market (net realisable) value. Interest revenues are recognised as they accrue. In line with EcoRecycle Victoria's rolling three-year business plan, the significant increase in program expenditure detailed in Note 20, has led to a reduction in investment funds with the Victorian Funds Management Trust. Investments were as follows:

	2000	1999
	\$	\$
Current		
Victorian Funds Management Trust	4,278,392	9,794,284
Non Current		
CBA Term Deposit	31,671	31,671
	4,310,063	9,825,955

NOTE 9: RECEIVABLES

	2000	1999
	\$	\$
Current		
Accrued Landfill Levy	4,539,165	4,175,385
Accounts Receivable	1,208	733
Accrued Interest	2,489	2,082
GST Collectable	10,537	-
Non Current		
Natural Recovery Systems	200,000	-
	4,753,399	4,178,200

An interest free loan of \$200,000 to Natural Recovery Systems was approved in conjunction with a grant of \$200,000 to assist with the funding for a food waste recycling facility.

NOTE 10 (a): FIXED ASSETS

	2000	1999
	\$	\$
Furniture, Plant & Equipment		
- at cost	320,523	279,627
Less Accumulated Depreciation	(169,883)	(119,960)
	150,640	159,667

Computer Equipment - at cost	221,860	166,951
Less Accumulated Depreciation	(158,448)	(106,955)
	63,412	59,996

Motor Vehicles - at cost	132,348	141,233
Less Accumulated Depreciation	(19,707)	(25,255)
	112,641	115,978

Total Fixed Assets	326,693	335,641
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NOTE 10 (b): FIXED ASSETS - Depreciation Expense

	2000	1999
	\$	\$
Furniture, Plant & Equipment	56,919	51,705
Computer Equipment	51,492	44,385
Motor Vehicles	30,635	23,277
Total Fixed Assets		
- Depreciation Expense	139,046	119,367

NOTE 11: CREDITORS & ACCRUALS

	2000	1999
	\$	\$
Accrued Expenses	541,478	627,577
Victoria Clean & Green	25,982	25,982
Accounts Payable	248,044	450,798
	815,504	1,104,357

NOTE 12: PROVISIONS

	2000	1999
	\$	\$
Current Liability		
Provision for Annual Leave	68,815	56,704
Non Current Liability		
Provision for Long Service Leave	21,121	9,381

NOTE 13: NET ASSETS

In line with EcoRecycle Victoria's rolling three-year business plan, the significant increase in program expenditure detailed in Note 20, has led to a reduction in the Net Assets of EcoRecycle Victoria.

NOTE 14: CONTRIBUTED CAPITAL

EcoRecycle Victoria is successor in law to the Waste Management Council and the Recycling & Resource Recovery Council. On 17 December 1996, the two bodies ceased to exist and the assets and liabilities were transferred to EcoRecycle Victoria. Contributed Capital taken up in the accounts of EcoRecycle Victoria at this time was \$ 15,620,294 (WMC \$ 11,553,603; RRRC \$ 4,066,691).

NOTE 15: STATEMENT OF CASH FLOWS

Reconciliation of Net Surplus / (Deficit) to Net Cash Provided By / (Used In) Operating Activities

	2000	1999
	\$	\$
Net Surplus / (Deficit) for Year	(4,543,995)	(608,957)
Fixed Assets Written Off	-	5,213
Depreciation	139,046	119,367
(Profit) from sale of Fixed Assets	(13,439)	(478)
(Profit) / Revaluation of Investments	(3,710)	(36,006)
Changes in Assets and Liabilities :		
(Increase)/Decrease in Accrued		
Landfill Levy	(363,780)	215,031
(Increase)/Decrease in Prepayments	(16,746)	56,315
(Increase)/Decrease in Receivables	(200,882)	6,225
(Decrease) in Creditors and Accruals	(288,853)	(1,191,178)
Increase/(Decrease) in Provisions	23,851	(17,364)
Net Cash (Used In)		
Operating Activities	(5,268,509)	(1,451,832)

NOTE 16: RESPONSIBLE PERSON-RELATED DISCLOSURES

The names of the persons who were responsible persons at any time during the reporting period are:

Responsible Minister:

20 October 1999 to 30 June 2000

The Honourable Sherryl Garbutt, MP
Minister for Environment and Conservation

Responsible Minister:

1 July 1999 to 17 September 1999

The Honourable Marie Tehan, MP
Minister for Conservation and Land Management

EcoRecycle Victoria Members

10 March 2000 to 30 June 2000

	Meetings Held	Meetings Attended
Mr Michael Hill (Chairperson)	3	3
Ms Cheryl Batagol	3	3
Cr Don Chambers	3	3
Cr Christine Kelly	3	3
Cr Robert Beynon	3	3
Mr Jonathan Ling	3	3
Ms Aileen Vening	3	3
Mr Robert Jolly	3	2
Prof Felicity Roddick	3	2

EcoRecycle Victoria Members

1 July 1999 to 8 March 2000

	Meetings Held	Meetings Attended
Mr Ted Tanner	7	7
Mr Rob Joy	7	7
Cr Don Chambers	7	7
Ms Cheryl Batagol	7	6
Mr Alan Seale	7	6
Mr Warwick Field	7	5
Mr John O'Rourke	7	5
Cr Noel Harvey	7	4
Ms Janet West	7	4
Mr Mark Johnston		
Resigned 18 October 1999	3	0

EcoRecycle Victoria Accountable Officer:

Mr Ian Coles Chief Executive Officer

NOTE 17: REMUNERATION OF RESPONSIBLE PERSONS

The total remuneration of responsible persons for the reporting year was \$176,341 (1998/1999 \$178,460). The table below shows the number of responsible persons receiving gross remuneration from EcoRecycle Victoria in each of the relevant income bands:-

Income Range	2000	1999
\$0 - \$9,999	16	9
\$20,000 - \$29,999	1	-
\$30,000 - \$39,999	-	1
\$120,000 - \$129,999	-	1
\$130,000 - \$139,999	1	-

The remuneration of the Minister is disclosed in the financial statements of the Department of Premier and Cabinet.

NOTE 18: RELATED PARTY TRANSACTIONS**Other Transactions:**

The nature and terms and conditions of the project grants and consulting services between EcoRecycle Victoria and the related parties were at arms length and were the same as for all other grants recipients and consultants.

Transaction	Related Party	Total Commitment \$	2000 Expenditure \$
Grants and Consultancies			
Keep Australia Beautiful Council (Victoria)			
- Rural and City Pride Awards 1999/2000	Mr John O'Rourke	\$268,000	\$268,000
North East Victorian Regional Waste Management Group (NevRwaste) - Litter Prevention Task Force Funding	Cr Don Chambers	\$4,500	\$4,500
Indigo Shire Council - Multi Purpose Baling Machine	Cr Don Chambers	\$15,750	\$15,750
Macedon Ranges Shire Council - Kyneton Recovery Reuse and Recycle Centre and Transfer Station	Cr Noel Harvey	\$80,000	0
Macedon Ranges Shire Council - Woodend Transfer Station Litter Controls and Signage	Cr Noel Harvey	\$5,000	0
North East Regional Waste Management Group (NevRwaste) - Landfill Funding Support Program	Cr Don Chambers	\$13,780	0
North East Regional Waste Management Group (NevRwaste) - Regional Education Officer Stage 2	Cr Don Chambers	\$50,000	\$50,000
Waste Audit & Consultancy Services - Survey of Waste Generation and Recycling Practice in the Accommodation Sector	Ms Cheryl Batagol	\$30,000	\$5,000

NOTE 19: OPERATING LEASE COMMITMENTS

The following rent commitments have been contracted for by EcoRecycle Victoria.

	2000	1999
	\$	\$
(i) not later than one year	82,696	76,831
(ii) later than one year but not later than five years	63,342	146,038
	146,038	222,869

NOTE 20: PROGRAM EXPENSES

	2000	1999
	\$	\$
Household Waste Reduction and Recycling	1,342,534	1,720,102
Marketing Development Program	739,103	631,789
Litter Prevention and Control	614,681	895,685
Waste Reduction in Commerce and Industry	592,996	582,872
Public Place and Event Recycling	61,455	130,853
Organics Recovery	420,515	449,138
Resource Recovery and Waste Management	3,840,825	1,087,150
Waste Wise Education	1,536,744	792,401
Communication & Information	1,937,303	1,323,500
Performance Measurement and Data	229,969	164,773
Grants Program (previous years)	-	273,860
Total Program Expenses	11,316,125	8,052,123

NOTE 21: IMPLEMENTATION OF COMPETITIVE NEUTRALITY

EcoRecycle Victoria does not offer goods and services for sale to which competitive neutral pricing is a requirement.

NOTE 22: FINANCIAL INSTRUMENTS

(a) Terms and conditions and accounting policies

EcoRecycle Victoria's accounting policies, including the terms and conditions of each class of financial asset and financial liability, both recognised and unrecognised at the reporting date, are as follows:

Recognised Financial Instrument	Balance Sheet Notes	Accounting Policies	Terms and Conditions
i) Financial Assets			
Cash at Bank and Cash on Hand	7	Cash at Bank and Cash on Hand are carried at the principal amount.	Average interest rate 1.35%.
Receivables - Accrued Landfill Levy	9	The amount listed as receivable is based on an estimate obtained from EPA for the 4 quarters 1999/2000 of \$8.635 million, less funds already received as 1st and 2nd quarterly payments.	Payment of 3rd and 4th quarter landfill levy payment receivable August and October / November 2000.
Receivables - Accounts Receivable	9	Accounts receivables are carried at nominal amounts. A provision for doubtful debts is recognised when the collection of the full nominal amount is doubtful.	Credit sales are on 30 day terms.
Receivables - Accrued Interest	9	Interest receivable on bank account and term deposits.	Payable 1 July 2000.
Receivables - Natural Recovery Systems	9	Interest free loan over ten years, stated at net realisable value.	Payable 28 June 2010.
Victorian Funds Management Trust (VFM)	8	Funds are stated at market value. Income revenues are recognised upon distribution by the trustee.	Average interest rate 5.73%.
Term Deposits	8	Term deposits are recognised at their nominal value, with interest paid six monthly directly to Operating Account.	Interest paid six monthly and at maturity (fixed rate 6.25%pa).
ii) Financial Liabilities			
Creditors and accruals	11	Liabilities are recognised for amounts to be paid for goods and services received, whether or not billed to EcoRecycle Victoria. Includes accrued grants, based on percentage performed less payments made for the reporting period.	Trade liabilities are normally settled on 30 day terms.

(b) Interest Rate Risk

EcoRecycle Victoria's exposure to interest rate risks and the effective interest rates of financial assets and financial liabilities, both recognised and unrecognised at the balance date, are as follows:-

Financial Instruments	Floating Interest Rate		Fixed interest rate maturing in : Over 1 to 5 years		Non-interest Bearing		Total carrying amount as per balance sheet		Weighted Average effective interest rate	
	2000	1999	2000	1999	2000	1999	2000	1999	2000	1999
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
i) Financial assets										
Cash	229,150	94,615			200	300	229,350	94,915	1.35 %	2.05 %
VFM Trust	4,278,392	9,794,284					4,278,392	9,794,284	5.73 %	5.00 %
Term Deposit			31,671	31,671			31,671	31,671	6.25 %	6.25%
Receivables					4,753,399	4,178,200	4,753,399	4,178,200	N/A	N/A
Total:	4,507,542	9,888,899	31,671	31,671	4,553,399	4,178,500	9,092,812	14,099,070		
ii) Financial liabilities										
Creditors & accruals					815,504	1,104,357	815,504	1,104,357	N/A	N/A
Total :	-	-	-	-	815,504	1,104,357	815,504	1,104,357	-	-

N/A - not applicable for non-interest bearing financial instruments

(c) Net fair values

The aggregate net fair values of financial assets and financial liabilities, both recognised and unrecognised at the balance date, are as follows :

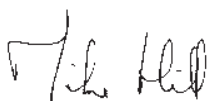
	Total carrying amount as Per the Balance Sheet		Aggregate net fair value	
	2000	1999	2000	1999
	\$	\$	\$	\$
Financial assets				
Unit Trust Funds	4,278,392	9,794,284	4,278,392	9,794,284
Term Deposit	31,671	31,671	31,671	31,671
Cash	229,350	94,915	229,350	94,915
Receivables	4,753,399	4,178,200	4,753,399	4,178,200
Total financial assets:	9,092,812	14,099,070	9,092,812	14,099,070
Financial liabilities				
Creditors and Accruals	815,504	1,104,357	815,504	1,104,357
Total financial liabilities	815,504	1,104,357	815,504	1,104,357

STATEMENT BY CHAIRPERSON AND ACCOUNTABLE OFFICER

In our opinion:

- (a) the accompanying financial statements comprising Operating Statement, Balance Sheet, Statement of Cash Flows and Notes to the Financial Statements, present fairly the results of the financial transactions of EcoRecycle Victoria for the year ended 30 June 2000 and sufficiently explain the financial position of EcoRecycle Victoria as at that date; and
- (b) the financial statements are prepared in accordance with mandatory requirements, including applicable Australian Accounting Standards and the requirements of the Financial Management Act 1994.

At the date of signing these financial statements, we are not aware of any circumstances that would render any particulars included in the financial statements to be misleading or inaccurate.



Mr Mike Hill - Chairperson
21 September 2000



Mr Ian Coles - Chief Executive Officer/Accountable Officer
21 September 2000



AUDITOR GENERAL
VICTORIA

AUDITOR-GENERAL'S REPORT

To the Members of the Parliament of Victoria, the responsible Ministers and the Members of the Board of EcoRecycle Victoria

Audit Scope

The accompanying financial report of EcoRecycle Victoria for the financial year ended 30 June 2000, comprising operating statement, balance sheet, statement of cash flows and notes to the financial statements, has been audited. The Members of the Board are responsible for the preparation and presentation of the financial report and the information it contains. An independent audit of the financial report has been carried out in order to express an opinion on it to the Members of the Parliament of Victoria, the responsible Ministers and the Members of the Board as required by the *Audit Act 1994*.

The audit has been conducted in accordance with Australian Auditing Standards to provide reasonable assurance as to whether the financial report is free of material misstatement. The audit procedures included an examination, on a test basis, of evidence supporting the amounts and other disclosures in the financial report, and the evaluation of accounting policies and significant accounting estimates. These procedures have been undertaken to form an opinion as to whether, in all material respects, the financial report is presented fairly in accordance with Australian Accounting Standards and other mandatory professional reporting requirements and complies with the requirements of the *Financial Management Act 1994*, so as to present a view which is consistent with my understanding of EcoRecycle Victoria's financial position, the results of its operations and its cash flows.

The audit opinion expressed in this report has been formed on the above basis.

Audit Opinion

In my opinion, the financial report presents fairly the financial position of EcoRecycle Victoria as at 30 June 2000 and the results of its operations and its cash flows for the year ended on that date in accordance with Australian Accounting Standards and other mandatory professional reporting requirements and complies with the requirements of the *Financial Management Act 1994*.

MELBOURNE
21 September 2000



J.W. CAMERON
Auditor-General



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