# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION</td>
<td>3</td>
</tr>
<tr>
<td>RECYCLING CONTRACTORS BY WASTE TYPE</td>
<td>4</td>
</tr>
<tr>
<td>WASTE EXCHANGE REGISTER</td>
<td>15</td>
</tr>
<tr>
<td>RECYCLING BIN SUPPLIERS</td>
<td>16</td>
</tr>
<tr>
<td>GUIDELINES FOR PUBLIC PLACE RECYCLING</td>
<td>17</td>
</tr>
<tr>
<td>COMPOST BINS/ WORM FACTORIES</td>
<td>17</td>
</tr>
<tr>
<td>PILOT PROJECTS / DEMONSTRATION PROJECTS / CASE STUDIES</td>
<td>19</td>
</tr>
<tr>
<td>CONSULTANCY SERVICES</td>
<td>21</td>
</tr>
<tr>
<td>NORTHERN INDUSTRY ENVIRONMENT GROUP</td>
<td>24</td>
</tr>
<tr>
<td>ERICSSON AUSTRALIA PTY LTD</td>
<td>25</td>
</tr>
<tr>
<td>FORD MOTOR COMPANY AUSTRALIA PTY LTD</td>
<td>26</td>
</tr>
<tr>
<td>COMPANY PROFILE:</td>
<td>26</td>
</tr>
<tr>
<td>HENKEL AUSTRALIA PTY LTD</td>
<td>28</td>
</tr>
<tr>
<td>COMPANY PROFILE:</td>
<td>29</td>
</tr>
<tr>
<td>HINES WASTE</td>
<td>29</td>
</tr>
<tr>
<td>COMPANY PROFILE:</td>
<td>29</td>
</tr>
<tr>
<td>KODAK (AUSTRALASIA) PTY LTD</td>
<td>31</td>
</tr>
<tr>
<td>NESTLE CONFECTIONARY LTD</td>
<td>33</td>
</tr>
<tr>
<td>COMPANY PROFILE:</td>
<td>33</td>
</tr>
<tr>
<td>SOUTH PACIFIC TYRES</td>
<td>34</td>
</tr>
<tr>
<td>COMPANY PROFILE:</td>
<td>34</td>
</tr>
<tr>
<td>VISY PAPER PTY. LTD</td>
<td>35</td>
</tr>
<tr>
<td>COMPANY PROFILE:</td>
<td>35</td>
</tr>
<tr>
<td>W.R. GRACE AUSTRALIA LIMITED</td>
<td>36</td>
</tr>
</tbody>
</table>
INTRODUCTION

This directory is intended for use by commercial and industrial properties within Hume City Council. It contains a wealth of information on waste minimisation services within one document. It is intended to be used as a resource to refer to when you are considering setting up recycling. Instead of you having to investigate who collects recyclable materials, this information has been compiled in a convenient form in this directory and refers to a variety of waste types.

In addition, there is a variety of other useful information, such as waste minimisation case studies and other companies which are undertaking some interesting environmental initiatives.

This version of the directory is only as current as the latest update. Information on recycling can change very rapidly; therefore the document is intended to be constantly updated. If you would like a later version, simply contact:

Iona Theodoridis
Waste Education Officer
Telephone: 9205 2436
RECYCLING CONTRACTORS BY WASTE TYPE
(updated Aug 16 1996)

BEVERAGE CONTAINERS

GENERAL
Bell’s Recycling
12 Cameron Rd Broadford 3658
Phone (057) 841 613  Fax  (057) 843 356
David Bell/ Bernadette Comfoot  Mobile (015) 867 004
Materials collected are all glass bottles and jars, aluminium cans, PET bottles, “R” symbol bottles, plastic
milk bottles and cream jars.

Visy Recycling
30- 32 Plummer Rd Laverton 3026
Phone  9247 4666
Andrew Smith  Phone  9248 2121
Materials collected are glass bottles and jars, aluminium cans, consumer steel cans, PET, HDPE plastic
milk and cream containers, and liquid paperboard ie milk and fruit juice cartons. There is a rental charge on
240 litre Mobile Garbage Bins used to store beverage containers. Pick-up is free and at a weekly
frequency or as deemed necessary. Bins can be emptied on-site or a change-over can be arranged.

ALUMINIUM CANS
Alcoa Cash a Can
McDonalds Road Brooklyn 3025
Phone  9314 0844

Comalco Aluminium
PO Box 414 South Yarra 3141
Phone  9544 1222; 054 264 444
008 011 842 free call
Mr Peter Rose (Manager Sales & Recycling)

GLASS
ACI Glass Packaging
Booker Street Spotswood 3105
Phone  9392 4211

Preston Bottle Depot (PBD)
426 Barry Rd. Coolaroo
Phone  9302 2255
Paul Bourke/ David Bourke
PBD provide three 44-gallon drums to commercial premises. PBD will collect from locations in the north,
west and as far east as Heidelberg. They will collect from further away as long as there are
commercially viable quantities- this needs to be negotiated.

Recyclers of Australia
Lot 8 Doherty’s Rd Laverton 3026
Phone  9369 7477
HDPE (MILK BOTTLES)
Brickwood Holdings Pty Ltd
3 Brixton Rd Cheltenham
Phone 9584 5211

Full Cycle Plastics
Phone 9584 5211

Kemcor
231 Maidstone St Altona
Phone 9369 2266

LIQUID PAPERBOARD (MILK AND FRUIT JUICE CARTONS)
Association of Liquid Paperboard Carton Manufacturers Inc
GPO Box 1469N Melbourne 3001
Phone 9698 4484
Martin Drerup

Food Plus (drop-off facility)
Gladstone Ave (cnr St. Georges Rd) Northcote
Phone 9486 1114

502 Plenty Road Preston East
Phone 9470 2280

Pleasant Road (cnr High St) Thomastown
Phone 9465 0116

PET
ACI Petalite
13-15 Joel Crt Moorabbin
Phone 9555 1979

Smorgon Plastic Recycling
433 Somerville Road West Footscray 3012
Phone 9316 5454

BRICKS
Paddys Bricks
200 Kensington Rd Footscray
Phone 9687 2338; 9687 1986

BUILDING MATERIALS
Pace Demolitions Pty Ltd
13 Kim Close Bulleen
Phone 9850 9226

Suburban Demolition and Excavations Pty Ltd
213 Newlands Rd Coburg 3058
A representative is sent out to companies to discuss arrangements for recycling. Equipment (bins or another appropriate vessel) is provided free of charge, and the company calls Australian Paper Chase when the bin is full. The pick-up is free but there is a minimum amount of material which must be collected, which is equivalent to four 240-litre mobile garbage bins (MGBs) a month (two pickups a month of two MGBs. If this minimum amount is not met, there is a service fee of $30 per month. There also needs to be truck access to the collection premise.

Amed Contractors
20-30 Baldwin Road Altona North Victoria 3205
P.O. Box 372 Kew 3101
Phone 9369 1947  Fax 9369 6578
Edward Little  Mobile 018 356 790
Amed collect and recycle a variety of different types of paper. Those collected are: cardboard, old books, telephone books, office stationery, newspapers, magazines, and a “Certificate of Destruction” is available if required. Sorting into different paper types is not required. A variety of equipment is provided for storage of materials, such as: steel bale frames, rear loading hydraulic compactors, 31-metre dinosaur exchange bins, stationary packers, wool bale exchange systems, wire sided tipper trucks and 240-litre wheelie bins. Some collections are supplied at no cost, some at some cost, and some companies are paid for recyclables collected. Magazines, newsprint, phone books and junk mail are collected in 3-4 tonne loads to be paid at a rate to be negotiated.

Bell’s Recycling
12 Cameron Rd Broadford 3658
Phone (057) 841 613  Fax  (057) 843 356
David Bell/ Bernadette Cornfoot  Mobile (015) 867 004
Commercial collection of cardboard is provided on a weekly, fortnightly or monthly basis. It needs to be flattened and free of contamination.
For schools a bale and bale stand is provided and collected free of charge
Evergreen Recycled Paper Pty Ltd
9-11 Plummer Rd North Laverton
Phone 9315 1633 Fax 9315 1567
Allen Wilkins
All grades of paper are collected. A representative is sent out to a site for advice on recycling arrangements. A variety of containers can be provided, such as bail bags, 240-litre mobile bins, or 30 metre bins. The cost is dependent on the characteristics of the site and is determined by a site visit from a representative.

Express Paper Salvage
13 Wilton Place Westmeadows
Phone 9309 5584

Production Packaging Industries
3 Linmax Crt Laverton
Phone 9369 8000

Visy Recycling
52 Glenelg St. Coolaroo
Phone 9302 9290
Rod Laurence Mobile 019 930 110
Visy collect cardboard and office paper. They also provide a security paper destruction service. A variety of containers can be bought or hired from Visy. These range from wool bales, to baling units, to compactors. For offices, individual desk trays are supplied, as well as floor boxes for areas of higher paper generation, such as next to photocopiers.
For small premises, mobile garbage bins (MGBs) are available for paper storage and collection. There is a deposit of $50 per MGB, with a requirement of two bins minimum. Collection is free and on a designated day or on an on-call basis.

CHEMICALS
Envirochem Technologies Pty Ltd
13 Killara Rd Campbellfield
Phone 9357 0424 Fax 9357 0391
Mobile 018 99 3829 018 99 3830
Michael Pola
Envirochem Technologies collect and dispose of prescribed chemical wastes through E.P.A. Schedule 4 regulations. The following are recycled: laboratory chemicals, industrial chemicals ie solvents, drums an containers. Chemicals which are collected and disposed of are: pharmaceuticals, pesticides, herbicides and household chemicals. Charges are dependent on the types and amounts of chemicals.

CONCRETE
Alex Fraser Pty Ltd
Phone 9646 1934

CFR Ferro Group Pty Ltd
14 O'Connor St Brunswick West 3055
Phone 9388 2616
Recycling Industries
253 Dohertys Rd Laverton North  
Phone 9646 1934  9360 9444

**COOKING OIL**

Argus Recycling  
60- 62 Ordish Rd Dandenong  
Phone 9706 5071  
Grease trap cleaning and collection of oils and fats.  
Auscol  
P.O. Box 227 Footscray 3011  
Phone 9689 4724  Fax 9689 5552  
Peter Kerr Mobile 015 834 039

Hines Waste Australia  
29 Mologa Rd Heidelberg West  
Phone 9457 6366  Fax 9459 6790  
Hines Waste Australia offer grease trap cleaning and collection of oils and fats.

**DRUMS**

Ideal Drum Company  
3 Wandarri Crt Cheltenham  
Phone 9583 9244  
Mobile 018 05 5888  
Drum reconditioning

Quality Drum Service  
Lot 2, Miller St Epping  
Phone 9401 5841

**GLASS- WINDOWS, WINDSCREENS AND MIRRORS**

Potters Industries Pty Ltd  
Lot 4 Boundary Road  
Laverton  
Phone 9314 7555  
Fax 9315 1601

**GREEN WASTE**

Bolinda Road Landfill Site  
Bolinda Road Campbellfield  
Phone 9359 3813  
The rate is $16.00 per tonne for commercial premises.

Ecos  
2 Park Dve Bundoora  
Phone 9458 3333

Hume City Council Tree Mulching Days  
(for residents and ratepayers of Hume City Council)  
Phone 9205 5430
A maximum quantity of 5 m³ of green waste is permitted. Wire, grass clippings, thorns, bracken or foreign material are not allowed.

MossRock Garden Supplies  
276 Mahoneys Road Thomastown 3074  
Phone 9460 3380

Noveco Pty Ltd  
R & D Park Centre Latrobe University  
Phone 9458 3333  
Mr. Russell Joshua

Sunbury Landfill Site  
Riddell Road Sunbury  
Phone 9744 2974  
The charge is $16.00 per tonne for commercial properties.

The Green Centre  
Stadium Drive Keilor Park 3042  
Phone 9331 5300

W.M. Mulch & Composting  
10 Macquarie Pl Boronia  
Phone 9720 4644

Worms ‘R’ Us  
384 Bridge Rd Richmond  
Phone 9428 9944  
Fax 9428 1822  
Graeme Lewis

**METAL**

A.B.S. Metal Recyclers  
Lalor  
Mobile 018 58 4674

Affinity Metals Pty Ltd  
430 Victoria St. Brunswick  
Phone 9388 1955

Associated Metals Pty Ltd  
73- 75 Banbury Rd Reservoir  
Phone 9462 1323  
Aluminium, brass, copper and non ferrous metals are collected. There is a free bin service.

Commercial Metal Recyclers  
82a Maffra Street Broadmeadows  
Phone 9302 1133

Hitechnology Metal Recyclers  
20- 24 Dennis St Campbellfield  
Phone 9305 4611
Industrial Recyclers
31 Anderson Rd. Thornbury
Phone 9484 3699

Kane Scrap Metals
15 Bell St. Preston East
Phone 9484 4561

MRI (Aust) Pty Ltd
Hitechnology Metal Recyclers
20-24 Dennis St. Campbellfield
Phone 9305 4611

Philann Metals
28 Louvain St Coburg 3058
Phone 9350 1303 (purchases metal for recycling)

Simsmetal Pty Ltd
1904 Hume Hwy Broadmeadows
Phone 9357 9188

**OIL**

Environmental Oil Ltd
Short St Essendon Airport
Phone 9379 7285

Oilclean Services Pty Ltd
46-48 Assembly Drive Tullamarine 3043
Phone 9338 1356

Statewide Used Oil Collection Service/ Tri-State Oil Pty Ltd
236 Ballarat Rd Braybrook
Phone 9318 4400

**ORGANIC WASTE**

Adrian Johnson
ABJ Industries Australia
Outlook Drive Glenroy
Phone 9306 9548  Mobile: 014 021 739
ABJ Industries will collect many types of organic waste such as fruit and vegetables, bread, grass clippings, flower prunings, crushed ice-cream cones, coffee grounds, shellfish waste, straw products, sawdust, newspapers and cardboard (which can be soiled). Most organic waste, however, needs to be collected daily, except for bread. Companies need to store their waste in a separate bin for collection, and the charge depends on the quantity collected, and the location of collection. A rough estimate for collection is between $5.00 and $8.00 per cubic metre.

Liquid Solutions
11b Chaffey St
PO Box 547 Thomastown 3075
Phone 9462 2511  Fax 9460 6702
Liquid Waste Treatment and Recycling

Regrow Pty Ltd
Mark Nicholl
PO Box 547 Thomastown 3075
Phone 9462 1822 Fax 9460 6702
Waste minimisation and composting services for liquid waste. This is treated by the company “Liquid Solutions”. Organic and industrial liquid waste is taken for treatment. The waste generator needs to arrange transport to the site. Charges depend on the costs of removal and transport.

Worms ‘R’ Us
384 Bridge Rd Richmond
Phone 9428 9944 Fax 9428 1822
Graeme Lewis
Worms ‘R’ Us are able to design a system to suit the needs of any large scale waste recycling. Whether they be labour intensive or more mechanised systems Worms ‘R’ Us are able to supply the most up to date technological assistance and information.

POLYSTYRENE
Classic Everwood Profiles Pty Ltd
Phone (049) 561 031

PLASTICS
Amted Contractors
20-30 Baldwin Road Altona North Victoria 3205
P.O. Box 372 Kew 3101
Phone 9369 1947 Fax 9369 6578
Edward Little
Mobile 018 356 790
Amted collects recyclable plastic such as stretch wrap, film wrap and pallet wrapping. A variety of equipment is provided for storage of materials, such as: steel bale frames, rear loading hydraulic compactors, 31-metre dinosaur exchange bins, stationary packers, wool bale exchange systems, wire sided tipper trucks and 240-litre wheelie bins. Some collections are supplied at no cost, some at some cost, and some companies are paid for recyclables collected.

Auseon Australia
Kororoit Creek Rd Altona
Phone 9360 0899 Fax 9369 7585
PVC recycling.

Heron Plastics Pty Ltd
29 Elizabeth St Newport
Phone 9391 1139
Keith Mataaf Mobile 018 35 8580

Huntsman Chemicals
PO Box 62 West Footscray 3012
Phone 9316 5316
Mr. R.G. Scheele (Market Team Manager)
ICI Plastics
1 Nicholson St Melbourne
Phone 9665 7111
PVC recycling

Plastics and Chemicals Industries Association (PACIA)
Level 4/ 380 St. Kilda Rd Melbourne
Phone 9699 6299

Plastic Recyclers
29 Elizabeth Street Newport 3015
Phone 9391 1139

Plastics Recycling Consultancy
Factory 3/ 28 Lisa Place Coolaroo
Phone 9302 3839

Smorgons Plastics Recycling
433 Somerville Road West Footscray 3012
Phone 9316 5316
Mixed plastic recycling

Wibotoba Plastics Pty Ltd
Cnr Rosamond Rd & Mephan St Footscray
Phone 9318 3044 Fax 9317 9907
LDPE/ HD/ PP/ Nylon collected.

RUBBER
Embelton Ltd
147 Bakers Road Coburg 3058
Phone 9350 2811; 9350 2088

Encore Rubber Technologies
Private Bag 48 Campbellfield 3061
Phone 9305 2585
Mr. Tom Quick, Manager for Crumb

STEEL
BHP Steel
356 Upper Heidelberg Road Ivanhoe 3079
Phone 9458 2700
Mr David Mulholland Mobile: 015 045 420

Simsmetal
1904 Hume Hwy Broadmeadows
Phone 9357 9188

TELEPHONE BOOKS
White Pages™ directories
BP Service Stations and BP Express stores in the Melbourne metropolitan area.
Bins will remain at BP Service Stations and BP Express stores until the 8th of July, 1996, to coincide with completion of delivery of new directories.

**TEXTILES**

Bloom Textiles Pty Ltd  
130 Dynon Rd Kensington  
Phone 9376 1001

Pioneer Textiles Pty Ltd  
97 Rose Street Fitzroy  
Phone 9419 4658

**TIMBER**

Friends of the Earth  
312 Smith St Collingwood  
Phone 9419 8700  
Timber re-use

MossRock Garden Supplies  
276 Mahoneys Road Thomastown 3074  
Phone 9460 3380

Recycled Woodworks  
70 Saxon St Brunswick  
Phone 9380 6184

**TONER CARTRIDGES/ PRINTER RIBBONS**

Australian Toner Cartridges  
152- 160 Miller St West Melbourne  
Phone 9329 9099 (printer ribbons & ink refill cartridges)

Lighthouse Cartridge Recycling  
201 High St. Prahran  
Phone 9529 2911  
Lighthouse Cartridge Recycling have a joint venture with the Royal Victorian Institute for the Blind and Quality Cartridge Recyclers.

Toner Cartridge Recycling  
320- 324 Wellington St. Collingwood  
Phone 9419 6566

Toner Charge Plus  
2 Mayfield St Abbotsford  
Phone 9357 2258

Toner Express (Aust’asia) Pty Ltd  
428 Johnston Street Abbotsford 3067  
Phone 9417 5255
Westbury Office Supplies
10 Bond St Abbotsford
Phone 9427 9155 (printer ribbons & non-recyclable cartridges)

**TYRES**
Blackforest Tyres
Phone (054) 272 693
Jim Florrimell

Tyre Cycle
30 Encore Avenue Somerton
Phone 9305 2585

**WHITEGOODS**
Miles Ice Refrigeration and Airconditioning
10 Bowen Street
Moonee Ponds
Phone 9326 2552
Ms Nancy Vits
Miles Ice Refrigeration and Airconditioning purchase the following white goods: fridges, washers, dryers, dishwashers, freezers and commercial units.

**OTHER**
Recyclers Association of Australia
426 Barry Rd. Coolaroo
Phone 9302 1373

Reverse Garbage
1b Wingfield St. Footscray
Phone 9687 3484
WASTE EXCHANGE REGISTER

The purpose of this register is to put businesses which require a certain waste type in touch with businesses which have this material in their wastestream, or for businesses which have certain materials in their wastestream to make them available to others (ie helping supply and demand meet). In the field of waste minimisation, it makes more sense to reduce or reuse waste rather than put it through a process of being broken down by recycling. Please notify Council if your business wishes to be placed on this register.

SUPPLY

PLANT POTS
Coolibah Nurseries
30 Emu Rd Sunbury 3429
Phone 9744 2818
Mrs Myra Imrie
Plant pots larger than 200 mm (8 inches) are accepted. There is a drop off point for pots at the nursery.

PLASTIC DRUMS
Supply Services Australia
3 Scammell St Campbellfield
Phone 9305 4899   Fax 9305 4073
Geraldine McDonald
Plastic drums/ carboys are 15 to 20 litre, made by Rheem Southcorp, are unwashed and have had dangerous goods stored in them. Some might be slightly damaged or discoloured; they would be suitable for storage of non-hazardous products.

PLASTIC BAGS
Seabreeze Fashions Pty. Ltd
179 Barry Road Campbellfield 3061
Phone/ Fax 9357 0487
John Spiteri
Seabreeze Fashions has clear plastic bags (which are not recyclable) available.

DEMAND

TIMBER
Laminex Industries
Trewin St Wendouree 3355
Phone (053) 39 4311   Fax (053) 38 1004
Graeme Allan
Timber in good condition is desired ie not rotted. No treated pine or nails.
RECYCLING BIN SUPPLIERS

Bromax Fabrications  
P.O. Box 697  
3/ 11 Brunsdon St Bayswater 3153  
Phone 9720 5099  Fax 9720 5048  
Recycling bins can be designed or adapted to specifications. Adaptations include: rosette, lid or wall insertions.

Commercial Systems Australia  
641 Burwood Hwy Vermont South  
Phone 9887 4177  Fax 9887 4188  
Dean Greesley

Cowan Metal Industries  
Cnr Susan & Peel Sts Eltham  
Phone 9439 9532

Hydra-Pac Pty Ltd  
39 George St Wingfield S.A.  
Phone (08) 262 3004  Freecall 1800 064 455  
Recycling equipment for glass and plastic bottles, cans, paper and cardboard.

Inwell Products  
E.P. Draffin Manufacturing  
9 Edelmaier St. Bayswater 3153  
Phone 9720 1033  Fax 9720 5508  
Bins can be adapted to specifications.

One Stop Garbage Shop  
Bulla Road Extension Essendon Airport  
North Essendon 3041  
Phone 9379 0000  Fax 9379 2036  
Rod Beardsworth  Mobile 019 350 431  
Recycling Collection Containers. Mobile Garbage Bins (MGBs) with rosettes available.

Street Furniture Australia  
29 Bourke Rd Alexandria NSW  
Phone (02) 310 1488  
The company supplies a recycling centre unit in different colours. Signage can be adapted to specifications.

Sulo MGB Australia  
Macdonald Engineering (Agent)  
4 Paran Place Glen Iris 3146  
Phone 9885 8981  Fax 9885 9063  
Adrian Enderson (Mobile Garbage Bin sales)

W.E. Jagger  
125 Bakers Rd North Coburg 3058  
Phone 9354 9162  Fax 9326 6654
W.E. Jagger can manufacture recycling bins according to a design and/ or specifications. They deal with stainless steel, aluminium, brass and copper.

Worms ‘R’ Us
384 Bridge Rd Richmond
Phone 9428 9944 Fax 9428 1822
Graeme Lewis

The Recyclo Bin, designed by Worms ‘R’ Us is an extremely effective and very simple way for restaurants, hotels, motels, corporations and government departments to recycle all the organic waste produced and in turn produce value added useful products in the form of both solid and liquid fertiliser. The unit is able to consume up to 50 kilograms of waste each day when working at maximum capacity.

**GUIDELINES FOR PUBLIC PLACE RECYCLING**

1) Recycling bins should always be next to rubbish bins (if they aren’t, people will use them as rubbish bins), and there should be the same number of recycling and rubbish bins.
2) Recycling bins should be placed so that they are convenient to use (i.e where drinks are sold and consumed, near entrances and exits), but away from likely sources of contamination (eg fast food outlets selling food and drinks in non-recyclable containers).
3) Recycling bins should be distinct and stand out from rubbish bins even at a distance. (Blue and yellow are the recommended colours. Alternatively choose colours to suit the particular environment, but avoid green or black because they are the typical rubbish bin colours).
4) Signage and labelling should clearly show visually (ie pictures) what can go in the recycling bins.
5) Recycling bins should be locked, with only a small round hole in the lid for bottles and cans.
6) At events or in shopping centres announcements and other promotions can be made.
7) Cleaners, stall holders and traders should be informed about the recycling bins and encouraged to assist (eg by separating materials when cleaning, or by selling drinks in containers that can be recycled).
8) Recycling bins should be emptied regularly.

(RRRC 1995)

**COMPOST BINS/ WORM FACTORIES**

Reln Plastics
P.O. Box 82 Minto NSW 2565
Phone (02) 605 9999 Fax (02) 605 9222
Made from 100% recycled plastic and designed to recycle organic waste from the household (specifically kitchen waste).

Worms ‘R’ Us
384 Bridge Rd Richmond
Phone 9428 9944 Fax 9428 1822
Graeme Lewis

Worms ‘R’ Us stock a range of products to aid in small scale waste management. These include:
- Reln Worm Factories
- Worms ‘R’ Us Vermicompost Bins
These units are designed to recycle all organic waste from a household including kitchen, garden, animal and paper waste.
- A wide range of Compost Bins including:
  - The Reln Compost Bin
The Gardenwise Compost Bin
The Gedye Bin.
PILOT PROJECTS / DEMONSTRATION PROJECTS / CASE STUDIES

One of the most useful ways to get ideas for minimising waste is to tap into projects already undertaken by other organisations. Some of these have been documented, and for those which haven’t it is often possible to contact people who have been involved. Such projects can be very valuable for showing what hasn’t worked as well as what has. The following are just some of the many projects and contact organisations which are worth chasing up.

Win TV / Corporate Environmental Management / RRRC
Development of a model waste minimisation strategy, has particular relevance to medium-sized organisations with office-style operations in suburban and rural locations
Report available from RRRC

Victorian Automotive Industry Training Board / Innovative Workplace Services / RRRC
Development of waste minimisation strategies by three suburban automotive component companies; includes the establishment of an environmental training module in the Vehicle Industry Certificate course for production workers
Report available from RRRC

Colliers Jardine / Corporate Environmental Management / RRRC
Development of a model waste minimisation strategy for multi-tenanted commercial premises
Report available from RRRC

Fletcher Construction Australia / RRRC
Development of a waste minimisation strategy
Report available from RRRC

Linfox Distribution Group / Corporate Environmental Management / Victorian Environmental Education Council
Development of an environmental strategy
Report available from RRRC

Parkroyal on St Kilda Road / Corporate Environmental Management / Victorian Environmental Education Council
Development of an environmental strategy
Report available from RRRC

Doutta Galla Community Health Services Inc / Corporate Environmental Management / RRRC
Development of a model waste minimisation strategy for a local community health service; includes the potential role of health service personnel in waste and litter education
Report available from RRRC

Caravan parks at Ocean Grove and Tidal River / RRRC
Development of approaches for waste and litter minimisation in caravan parks/camping areas
Report will be available from RRRC when project is complete

RMIT / RRRC
Development of a model waste minimisation strategy for an educational institution
Victorian Environmental Education Council / Gould League of Victoria
A large number of demonstration projects (many involving local government and local communities, and covering waste and related topics) were funded by VEEC from 1990-94. A report on 55 selected projects from VEEC and elsewhere, entitled “We Can Do That”, is available from the Gould League.

Sydney Road traders / Merri Creek Management Committee / RRRC
Development of a “Considerate Business Scheme” suitable as a model for other retail locations; involves traders being able to promote themselves as an accredited “Considerate Business” by agreeing to follow certain criteria for minimising waste and litter
Report available from RRRC

City of Greater Dandenong / RRRC
Shopping centre litter and waste minimisation project
Report will be available from RRRC when project is complete

Monash University / RRRC
Project to identify opportunities and methods for waste minimisation through research and consultation with centre management and tenants of Chadstone Shopping Centre
Report available from RRRC

Preston Market / MCMC / RRRC
Development of approaches for waste and litter minimisation for tenants and customers at a local market
Report will be available from RRRC when project is complete
CONSULTANCY SERVICES
Waste Audits/Assessments
Staff Education

BFI Waste Systems
252 Rex Rd Campbellfield
Phone 9305 3235  Fax 9305 3132
Waste Audit Services

Burgess Waste Management Services
72 Pipe Rd Laverton North
Phone 9369 6055  Fax 9369 6588
Environmental Audit Service; Consultancy

CMPS & F
390 St. Kilda Rd Melbourne
Phone 9272 6666  Fax 9272 6611
Tony Aiezza
Consulting Engineers

Collex Waste Management
2 McDonald Rd Brooklyn
Phone 9314 5588  Fax 9314 9737
Waste Audit Services

Corporate Environmental Management  (CEM) (Environmental Consultants)
Suite 806/ 81 Queens Rd Melbourne
Phone 9525 1900
Anne-Marie Devine and Neil Houghton
Mobile 015 36 9294
CEM’s objective is to assist organisations to operate in an environmentally responsible manner, with reduced operating costs, and with the complete support of staff from all levels of the organisation. They utilise both technical and behavioural approaches in facilitating waste minimisation. They offer assistance in the implementation of comprehensive Waste Minimisation Strategies. Assistance in development of the following is also available: Environmental Management Systems, Environmental Best Practice Policy documents, Emergency Response Procedures, and comprehensive environmental assessments.

Earth Encounters
Jells Park Visitor Centre Glen Waverley
PO Box 4398 Mulgrave 3170
Phone 9574 8444  Fax 9574 8044
Earth Encounters provides a combination of environmental education programs and an environmental consultancy service. There are two core areas of the business: provision of quality environmental education programs and outdoor activities for schools, groups, families and tourists, as well as environmental consultancy including development of education programs and kits, management plans etc. and provision of temporary Ranger Personnel.

The following rates apply until 30 June 1997 at venues within 50 kms of the C.B.D:

- Interpretation/education projects- ie education resource kits  $20/ hour
• Education Program Development- initiate and develop environmental education programs, trial and review of environmental education programs etc $23/ hour
• Environmental Project Personnel- i.e. management plans $25/ hour

Expense Reduction Analysis
Phone 9499 4125
Randall Brouillette
Expense Reduction Analysis takes an integrated approach to waste minimisation and environmental management, through co-ordination of specialists for the client’s needs. The approach taken for waste minimisation involves firstly, an audit to identify problems and secondly, the presentation of solutions. The charge is on a Contingency Fee Basis, which means that there is a charge only if savings are made. The savings are generally split 50% between the client and Expense Reduction Analysis. Other services are on a fee-for-service basis. The company keeps a database of suppliers which sell environmentally friendly products- these are linked to clients’ needs. There is a strong focus on developing a relationship with the client over time. Staff training can be arranged through Expense Reduction Analysis for all levels of staff.

Green Innovations
195 Wingrove St Fairfield 3078
Phone & Fax 9486 4799
3 Madden Grove Kew 3101
Phone & Fax 9853 9983
Philip Sutton
Green Innovations take on the goal of achieving global and local sustainability as one of its top objectives and as a significant area of opportunity. They offer services in implementing an environmental management system that promotes active and effective sustainability seeking. They also work to ensure that when products and services are developed or modified to meet the needs of the active users that they are also designed to serve the needs of the local community, people locally, future generations and nature. They can therefore offer services in changing primary activities or products to foster sustainability.

Infotech Research
17 Clowes St South Yarra
9867 7446
John Cumming
Infotech specialises in technical advice, systems for environmental communication and management consulting for environmental management and waste minimisation. They offer advice in technical as well as behavioural aspects, combining communication approaches with technology. The focus is on coaching rather than report writing. Workshops are run with companies and these are tailored towards all levels of staff. While technological changes are useful, they also advocate common sense and quantitative measurement in facilitating waste minimisation.

Jacana Consulting
PO Box 21 Mortdale 2223
Phone (02) 585 9041 Fax (02) 585 9047
Bob Miller
Jacana Consulting have developed a software model which is an auditing tool for use in waste minimisation. It contains Performance Indicators which measure progress. The package is also able to evaluate overall environmental performance. Training in data entry and analysis is offered, or Jacana Consulting can enter the data in (at a charge).
Merri Creek Management Committee  2 Lee St. East Brunswick 305  Phone 9380 8199  Fax 9380 6989  Janine Lawrie  Waste Assessments and Staff Education

Sustainable Solutions Pty Ltd  47 Prentice St Elsterwick  Phone 9528 1957; Fax 9593 1580  Peter Brotherton and Alan Pears  Sustainable Solutions specialises in the development and implementation of waste minimisation and energy efficiency strategies, and environment management systems and action plans. Clients have varied in size from RMIT (environmental audit), Commonwealth Environment Department (environmental review and action plan) and City of Doncaster and Templestowe (waste management strategy) to child care centres and individual household. Methodology is based upon active interaction with clients to promote ownership and robustness of outcomes. They have an established reputation for developing innovative educational materials, including interactive software packages (eg the Australian Home Greenhouse Scorecard).

Vox Bandicoot  5 Railway Place Fairfield  Phone 9489 0855 9489 0239  Environmental Communications. Specialise in education services to encourage waste-conscious attitudes and understanding in the workplace; services include a humorous drama performance (“Sideshow Sustainable”) and development of catchy and entertaining information materials.

Worms ‘R’ Us  384 Bridge Rd Richmond  Phone 9428 9944  Fax 9428 1822  Graeme Lewis  Worms ‘R’ Us are able to design a system to suit the needs of any large scale recycling. Whether they be labour intensive or more mechanised systems Worms ‘R’ Us are able to supply the most up to date technological assistance and information.
Northern Industry Environment Group
C/O- W. R. Grace Australia Limited
1126-1134 Sydney Road
Fawkner, Victoria, 3060, Australia
Phone:  (03) 9358 2205
Fax:  (03) 9357 1221

NORTHERN INDUSTRY ENVIRONMENT GROUP

MISSION STATEMENT

The Northern Industry Environment Group is a local Industry Group concerned for the environment of Melbourne’s northern suburbs.

The Group is working to improve the local environment through:

a) Encouraging environmental responsibility and improvement within member industries;
b) Exchanging environmental expertise between group members and government authorities;
c) Communicating environmental performance and achievements to the community.

NIEG has been operating since September 1992 and has been involved in projects aimed at improving the local environment. In 1994, an Environmental Education Officer was appointed for a 12 month period on a project designed to increase the level of environmental awareness within the local community.

This year, in conjunction with the Recycling and Resource Recovery Council (RRRC), and Education Officer has been appointed to assist different sectors of the community- schools, industry and shopping centres, with waste minimisation. If you are interested in finding out more about NIEG or would be interested in becoming a member, do not hesitate to contact David Blyth on 9305 0352.

Information sheets on some of the member companies are attached.
ERICSSON AUSTRALIA PTY LTD

COMPANY PROFILE:

Located:
61 Riggall Street, Broadmeadows

Employs:
2,200 people

Nature of Industry:
Telecommunication manufacturer and supplier
Telecommunication equipment, both public and private

ENVIRONMENTAL PROGRAMMES
Membership of Northern Industry Environment Group

Awards:
SEC Energy Efficiency Award

Main areas of improved environmental practice:

* staff training
Dangerous goods training- health, storage and handling

* waste management
Chemical waste sharing in industry
Chemical recycling
Product recycling

* energy saving
Introduction of natural gas

* water quality
Effluent treatment plants

* greening
Vegetation program within Ericsson

* others
Elimination of all ozone depleting substances.

EXAMPLES OF SPECIFIC INITIATIVES:
Environment Management Systems
Eliminating Environment Damaging Processes
“Chemsafe”

Contact:
Robert Jurman
Telephone: 9301 1383
FORD MOTOR COMPANY AUSTRALIA PTY LTD

COMPANY PROFILE:

Company history:
Located at the site for 36 years.

Located:
1735 Sydney Road, Campbellfield

Employs:
4,000 people in Campbellfield

Nature of Industry:
Motor vehicle manufacturing

ENVIRONMENTAL PROGRAMMES

Membership of Northern Industry Environment Group

Participation in accreditation/standards programmes:
All suppliers and manufacturing facilities must comply with Q1 requirements. Participation in “Cleaner Production” programme.

Awards:
National Energy Award 1994
Clean Water Award

Main areas of improved environmental performance:

* waste management
  Paper Recycling- office paper and cardboard
  investigating possibilities in the manufacturing area of the plant
  Solid Waste Recycling plastic film, other plastics, paper, cardboard and general waste sorted
  for recycling where possible prior to disposal
  Wood Recycling some wood from imported boxes is recycled

* energy saving
  Energy use on site was identified and investigated. Findings of the investigations were used to determine actions to follow the audit. The high users of energy were identified and methods for energy reduction were investigated.
  Overall the electricity cost per car has been reduced by 23%.
  Gas consumption has been reduced by 75%.

* water quality
  Continuous monitoring and discharge of waste to sewer.
  Ongoing awareness and monitoring of water to stormwater system.
  Compliance with E.P.A. and Melbourne Water requirements.

* greening
  Tree planting along Hume Highway in conjunction with local schools and council Greening project.

EXAMPLES OF SPECIFIC INITIATIVES:
Energy saving audits

**Contact:**
Carney Doyle
Telephone: 9359 7094
HENKEL AUSTRALIA PTY LTD

COMPANY PROFILE:

Company history:
Henkel Australia Pty Ltd is wholly owned by Henkel KGaA Germany. It has been on the Broadmeadows site for 20 years.

Located:
83 Maffra Street, Broadmeadows

Employs:
62 staff

Nature of Industry:
Chemical industry. Make specialty, component ingredients for the cosmetic, mining, agriculture, paint, paper and textile industries.

ENVIRONMENTAL PROGRAMMES
Membership of Northern Industry Environment Group

Awards:
ISO- 90002 This is a recognised international quality system for

Main areas of improved environmental performance:
* staff training
Holmesglen Chemical Operators Certificate; includes Environment Module

* waste management
A new DAF (Dissolved Air Flotation System) to improve quality of waste water.

EXAMPLES OF SPECIFIC INITIATIVES:
Landscaping planned. It is anticipated that high quality recycled water will be used to water this landscape.

Contact:
Errico Colaci
Telephone: 9309 5188
HINES WASTE

COMPANY PROFILE:

Company history:
Hines Waste is a specialist, environmentally conscious, customer focussed liquid waste transporter. The company was founded in 1980 by Garry Hines and is Australian owned and operated. In 1993 the business expanded with the acquisition of Easy Greasy Pty. Ltd., another independent liquid waste transporter.
The company is now one of the very few larger independent operators remaining in the industry in Victoria, where many competitors have amalgamated into large, overseas owned waste conglomerates.
The company provides a 24 hour EMERGENCY SERVICE and is committed to providing professional quality waste management and collection, ensuring the disposal is totally compliant with all government and E.P.A. regulations.

Located:
29 Mologa Road, West Heidelberg 3081

Employs:
11 staff in the areas of management, administration and transport.

Nature of Industry:
Liquid Waste Management and Disposal
• Fleet of modern, specially designed and built, E.P.A. permitted vehicles- volumes ranging from 1,200 litres to 12,500 litres.
• Ability to service all locations including high rise and sub basement.
• Maintains a comprehensive 24 hour emergency service seven days a week, 365 days per year.
• Hines Waste will provide the most cost effective liquid waste management and disposal service available.

Memberships:
• Victorian Waste Management (VWMA)
• Northern Industry Environment Group (NIEG)

ENVIRONMENTAL PROGRAMMES

• Work strictly within Environment Protection Authority Regulations, governing Prescribed Waste and keep up to date with changes in the Regulations to ensure total compliance in our operations.
• Support the E.P.A. waste minimisation policy and work closely with clients to reduce, reuse or recycle their wastes.
• Accredited Agents of the E.P.A.
• Liaise closely with City West Water, Yarra Valley Water and South Eastern Water with the implementation of their Greasy Waste Programs.
• Operate under the Victorian Waste Management Association’s strict Code of Practice for the Industry.

PARTICIPATION IN ACCREDITATION/ STANDARDS PROGRAMS:
Hines Waste Australia Pty. Ltd. is committed to the implementation of a business improvement program capable of providing an appropriate externally certified quality system. This program will commence in 1996 through the Australian Quality Council (AQC).
In addition Hines Waste Australia has commenced work to achieve certification through the Health and Safety Organisation, Victoria’s SafetyMAP (Safety Management Achievement Program) Program.
EXAMPLES OF SPECIFIC INITIATIVES:
Working closely with clients to reduce, reuse or recycle their wastes.

Contact:
Greg Scholes
9457 6366
KODAK (AUSTRALASIA) PTY LTD

COMPANY PROFILE:

Company history:
Plant constructed at Coburg site in 1958

Located:
173 Elizabeth Street, Coburg

Employs:
Approx. 2,500 Australia wide.

Nature of Industry:
Photographic and Electronic imaging. Produces 35mm color film, X-ray film, graphic arts film, color paper and photographic processing chemicals for Australian and S.E. Asian markets.

ENVIRONMENTAL PROGRAMMES

• Membership of Northern Industry Environment Group
• Membership Australian Chamber of Manufactures (ACM) (Environment & Hazardous Goods Working Group)
• Membership of Plastics & Chemicals Industries Association (PACIA) (Responsible Care Program)

Awards:
• Winner of the Inaugural Australian Quality Prize in 1992
• Attained ISO 9002 Quality Certification in 1994

Main areas of improved environmental performance:

* staff training
Management and operational staff training covers general and specific environmental issues and responsibilities.

* waste management
• Many liquid and solid wastes minimised, continuous improvement in place, development of waste management plans.
• Metal, cardboard, office paper, and plastic recycling systems in place. Some packaging materials recycled internally.
• Send Single Use Cameras (SUCs), waste film/ paper back to USA for recycling.

* water/ air quality
• Yarra Valley Water trade waste agreement in place.
• Routine monitoring of trade waste and stormwater discharges.

EXAMPLES OF SPECIFIC INITIATIVES:

• “Environmental Care” Policy developed for company operations.
• Development of Industry Code of Practice ie “Photographic Uniform Regulations For The Environment” (PURE), aimed at minimising the impact of photographic processing on the environment.
• Implemented system for better management of “chemically contaminated packaging” wastes.
Contact:
Ronald Guest
Telephone: 9353 3247
NESTLE CONFECTIONARY LTD

COMPANY PROFILE:

Company history:
The site was established in Campbellfield in 1962 by Rowntree Hoadley.

Located:
1585 Hume Highway Campbellfield

Employs:
560 staff

Nature of Industry:
Manufacture of confectionary products

ENVIRONMENTAL PROGRAMMES

Membership of Northern Industry Environment Group

Main areas of improved environmental performance:

* staff training
Training of staff in awareness of environmental issues is ongoing. External training programmes (run by Gas and Electricity supply companies) are attended by both factory and project engineers.

* waste management
Materials recycling includes sugar waste to a pig farm and cardboard packaging waste to Visy Board plant.

* energy saving
Efficiency improvements of major electrical users i.e. reduction in greenhouse gas emissions.

* water quality
Consultants have analysed and measured discharge to the sewer. Appropriate treatment and monitoring has commenced.

* greening
Site entrance has good landscaping. Tree plantation on vacant block is planned in conjunction with the council Greening programme.

* atmospheric
Elimination of ozone unfriendly substances. Refrigeration plants- elimination of Freon gas and eventual replacement with Ammonia which is ozone friendly.

EXAMPLES OF SPECIFIC INITIATIVES:

Investigating waste minimisation for waste currently going to landfill.

Contact:
Tony Wilson
Telephone: 9358 3532
SOUTH PACIFIC TYRES

COMPANY PROFILE:

Located:
Hume Highway Somerton (plus Heyington Ave Thomastown & Cross St West Footscray)

Employs:
6,200 (2,200 in manufacturing) Australia wide.

Nature of Industry:
South Pacific Tyres is the largest manufacturer of pneumatic tyres in Australia. Manufacturer of tyres for vehicles ranging in size from lawn mowers to earth movers. Import, export, retreading, wholesale and retail of tyres.

ENVIRONMENTAL PROGRAMMES
South Pacific Tyres is implementing an Environmental Management System across all its operations. Implementation of formal Environmental Improvement Plans at its Thomastown and Footscray sites. Revision and improvement of its tyre disposal and recycling program. Membership of the Northern Industry Environment Group, Australian Council of Recyclers, Australian Scrap Tyre Management Council, MTIA Environment Committee.

Main areas of improved environmental performance:

* staff training
Environmental awareness, health, safety and dangerous goods training

* waste management
Both solid and liquid waste management plans have been developed with reductions between 15% and 40% achieved.
Work closely with the Encore Rubber Technologies and TyreCycle groups to ensure that scrap tyres are handled responsibly and recycled where possible.

* water quality
Pollution control equipment and monitoring procedures are in place to ensure, as a minimum, that the requirements of EPA and Trade Waste licenses.

* site beatification
Site beautification will be included in Environmental Improvement Plans

EXAMPLES OF SPECIFIC INITIATIVES:
Installation of Stormwater Shut-Off gates at Somerton Site to prevent stormwater contamination.

Contact:
David Blyth (NIEG Chairman)
Telephone: 9305 0352
VISY PAPER PTY. LTD.

COMPANY PROFILE:

Company history:
Commenced operations at Coolaroo in December, 1987.

Located:
52 Glenelg St Coolaroo

Employs:
2,500 people in the Visy Group in Australia, including Visy Board, Visy Paper, Visy Recycling.

Nature of Industry:
Paper Recycling, Paper Manufacture and Box Manufacture

ENVIRONMENTAL PROGRAMMES
Membership of Northern Industry Environment Group

Awards:
Banksia Award, 1994

Main areas of improved environmental performance:

* staff training
  Through seminars and workshops

* waste management
  Looking at ways of reducing landfill through recycling

* energy saving
  Continually looking at industry best practice.

* energy saving and water quality
  Continually looking at industry best practice.

* greening
  Trees planted on site and in surrounds of site, plus nature strip in Glenelg Street.

EXAMPLES OF SPECIFIC INITIATIVES:
Visy Recycling has passed the 500,000 tonne waste paper collection milestone and has launched a major drive to further increase its waste paper collections.

Contact:
Lyle Forbes
Telephone: 9247 4450 / 015 523 384
W.R. GRACE AUSTRALIA LIMITED

COMPANY PROFILE:

Company history:
Operating at the Fawkner site since 1948, initially in chemicals manufacture, and since expanding into plastic packaging.

Located:
1126 Sydney Road Fawkner

Employs:
850 staff

Nature of Industry:
Specialty chemicals for the container, construction and water treatment industry.

ENVIRONMENTAL PROGRAMMES
Membership of Northern Industry Environment Group

Main areas of improved environmental performance:

* staff training
Redeveloped new environmental, health and safety training, which commenced in February 1995.

* waste management
A Waste Management Plan has been developed to assess all materials and energy used on site so as to minimise waste.

* water quality
Water quality testing to investigate re-use in other parts of plant rather than disposing to sewer.

* greening
Environment improvement plan to include aesthetics.

EXAMPLES OF SPECIFIC INITIATIVES:
Cleaner Production Demonstration Programme which result in a 50% reduction in solvent usage in the printing department.