

# NIRW WASTE STRATEGY



2006/2009

ADOPTED

## NIRW CONTACTS

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John Davis  
Executive Officer  
c/- Tamworth Regional Council  
PO Box 555  
Tamworth NSW 2340  
Ph: 6767 5528  
Fx: 6767 5294  
Em: [j.davis@tamworth.nsw.gov.au](mailto:j.davis@tamworth.nsw.gov.au)

Kate Newlan  
Program Coordinator  
c/- Tamworth Regional Council  
PO Box 555  
Tamworth NSW 2340  
Ph: 6767 5449  
Fx: 6767 5294  
Em: [k.newlan@tamworth.nsw.gov.au](mailto:k.newlan@tamworth.nsw.gov.au)

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# INTRODUCTION

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Since 1998, Northern Inland Regional Waste (NIRW) has been developing & implementing waste management programs on a regional level throughout the New England & North West of New South Wales. The current membership consists of 13 local government councils, they are:

- Armidale Dumaresq Council
- Glen Innes Severn Council
- Gunnedah Shire Council
- Guyra Shire Council
- Gwydir Shire Council
- Inverell Shire Council
- Liverpool Plains Shire Council
- Moree Plains Shire Council
- Narrabri Shire Council
- Tamworth Regional Council
- Tenterfield Shire Council
- Uralla Shire Council
- Walcha Council

The NIRW region comprises a total population of 180,000 & covers an area of 92,658 square kilometres.

## NIRW Regional Waste Strategy

The NIRW Regional Waste Strategy focuses on educating & facilitating opportunities for the New England & North West regions to align with the principals of the Waste Avoidance & Resource Recovery Strategy 2002 & the outcomes for the Learning for Sustainability NSW Environmental Education Plan 2002-2005.

NIRW revised the structure of the program component in 2006/2009 to align with the waste hierarchy outlined in the State Waste Avoidance Strategy. The five key issues were:-

- Focusing on Reuse & Waste Avoidance
- Moving the Message
- Community Adoption of Waste Management & Recycling
- Developing Environmentally & Economically Viable Waste Management & Resource Recovery Systems in the Region
- Focusing on Litter Prevention

# INTRODUCTION

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To simplify the key issues & to ensure that NIRW's waste management programs are prioritised appropriately, these key issues have been modified to:

- **Reduce**  
Entails making more efficient use of resources in day-to-day life & therefore cutting down on waste
- **Reuse**  
Involves the reuse of materials in its original form (not including waste separating & material reprocessing)
- **Recycle**  
Occurs when materials from waste streams are broken down into raw materials reprocessed either into the same product or a new product (includes separation & material reprocessing)
- **Avoidance**  
Not creating waste in the first place, the elimination of waste at the source of production

As a result of programs/campaigns previously conducted by NIRW, there have been many benefits to member Councils, communities & the environment. These programs have led to the improvement in the provision of services, infrastructure & cost efficiencies. Through the 2006/2009 NIRW Regional Waste Strategy, NIRW aims to build on previous successes & efforts to date, while providing a conduit for its member Councils & the region to address sustainability issues. The NIRW Regional Waste Strategy provides direction on how this can be achieved.

## NIRW Objectives

For NIRW to continue along the path of continuous improvement our vision needs to grow & be renewed. This enables NIRW to identify the attitudes, priorities & new technologies that are to be addressed, not only from a regional level but also from a global perspective. The objectives of NIRW are:-

- Develop & implement regional programs that achieve a sustainable balance between the regions social, economic & environmental needs.
- Encourage partnerships & cooperation between member Councils & external stakeholders in a collaborative approach to addressing sustainability issues for the overall benefit of the Region.
- Identify & investigate all opportunities for coordinated approaches in the provision of waste management services & the achievement of waste avoidance & waste minimisation within the region.
- Consider all waste management issues affecting member Councils, where possible, & speak as one voice in response to State & Federal Government initiatives or directives.
- To prevent the generation of waste & promote awareness by commerce & industry with the ideal being – what is good for commerce & industry is good for the environment.
- To maximize the recovery, recycling & reuse of resources from waste whilst addressing the concept of renewable energy along with a change of thinking.

## OVERVIEW OF MILESTONES: 2006/2007

MILE STONE	ISSUE	SECTOR	PROGRAM	FUNDING ALLOCATION	ESTIMATED PROJECT VALUE
1	Regional Education Approach	Community Education	Waste Education Trailer	\$5,000	\$15,000
2	Preventing & Avoiding Waste	Community Education	Earthworks Workshops	\$2,000	\$10,000
3	Public Place Recycling	Municipal/Education	Public Place Recycling	\$12,000	\$32,000
4	Regional Approach	Community Education/Litter	Regional Litter Strategy	\$5,000	\$15,000
5	Avoid, Reduce, Reuse, Recycle	Community & School Education	Waste>Art & Design Competition	\$30,000	\$50,000
6	Increased Resource Recovery	Municipal/Organics	ROMPS – Stage 3	\$10,000	\$20,000
7	Increased Resource Recovery & Reuse	Municipal	Regional Secondhand Saturday	\$7,000	\$12,000
8	Increased Resource Recovery & Reuse	Municipal/Rural	drumMUSTER	\$4,000	\$10,000
9	Hazardous Chemical Collection	Hazardous Waste	Regional Annual Chemical Collection Campaign	\$2,000	\$190,000
10	Increased Resource Recovery/ Regional Approach	Municipal	Regional Greenwaste Processing Contract	\$4,000	\$104,000
11	Increased Resource Recovery/ Regional Approach	Municipal	Regional Metal Waste & Battery Collection Contract	\$4,000	\$24,000
12	Increase Resource Recovery/ Regional Approach	Municipal/C&I/C&D	C & I Recycling	\$40,000	\$75,000
13	Change Practice / Protect Environment	Rural	Sustainable of Farm Waste Management	\$12,000	\$27,000
14	Increased Resource Recovery	Rural/Municipal	On Farm Plastics Recycling	\$0	\$5,000

MILE STONE	ISSUE	SECTOR	PROGRAM	FUNDING ALLOCATION	ESTIMATED PROJECT VALUE
15	Increased Resource Recovery	Municipal	Used Oil Program	\$2,000	\$175,189
16	Increased Resource Recovery/ Regional Approach	Municipal	E-Waste (Recycle IT)	\$10,000	\$50,000
17	Regional Approach / Awareness	Municipal/Rural	Environmental Sustainability Kits	\$7,000	\$15,000
18	Regional Approach / Awareness	Municipal/Rural	Regional Education Program	\$3,000	\$5,000
19	Regional Approach to Sustainability	School Education	Environmental Youth Forum	\$10,000	\$20,000
20	Increase Awareness/ Avoid, Reduce, Reuse & Recycle	School Education	Reel Waste Competition	\$10,000	\$15,000
21	Increased Resource Recovery	Municipal/C&D/C&I	Regional Construction Demolition Waste Processing	\$15,000	\$120,000
22	Increased Resource Recovery	Reuse	Reuse Centres	\$4,000	\$20,000
23	Increased Resource Recovery /	Reuse	Reuse Directory & Network	\$4,000	\$4,000
24	Avoiding & Preventing Waste	Municipal/Rural	Illegal Dumping Strategy	\$5,000	\$20,000
25	Increase awareness	School Education	School Education Kit Review & update	\$5,000	\$8,000
26	Rural Landfill Management / operation	Rural	Model – Rural Waste Disposal Facilities	\$0	\$20,000
	N/A	N/A	Regional Communication Strategy	\$8,000	N/A
			<b>Total Funding 2006/2007</b>	<b>\$220,000</b>	<b>\$1,061,189</b>

<b>Milestone 1</b>	<b>WASTE EDUCATION TRAILER</b>
<b>Purpose</b>	<p>Funding was received from the Environmental Trust for the construction of the Waste Education Trailer. This is a valuable resource for the region &amp; is currently being scheduled for use at agricultural &amp; trade shows, by member councils, school events &amp; at community activities.</p> <p>To ensure the effectiveness &amp; utilisation of the waste education trailer, it is essential that the trailer is kept stocked with resources that can be utilised, is widely promoted and maintained in good working order.</p> <p>NIRW Co-ordinates bookings, arranges transport to venues &amp; will assist in partnering with member councils to achieve “staffing” of the trailer.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To deliver waste education message to target groups</li> <li>▪ Ensure resources are available in the waste education trailer</li> <li>▪ Up to date literature is available in the waste education trailer</li> <li>▪ Trailer is kept in fully operational &amp; presentable order</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Literature needs to be kept up to date &amp; accurate</li> <li>▪ Quantities will need to be kept for utilisation at agriculture &amp; trade shows &amp; school education</li> <li>▪ Replacement of equipment – wear &amp; tear/damage</li> <li>▪ Trailer registration costs needs to be met</li> <li>▪ Transport to venues to be co-ordinated</li> <li>▪ Calendar of events &amp; bookings to be developed annually</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Stocked equipment means better utilisation of the waste education trailer</li> <li>▪ Information is current &amp; up to date</li> <li>▪ Bulk purchasing can provide discount</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$5,000 DEC) (\$10,000 Others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ DEC</li> <li>▪ EPA</li> <li>▪ drumMUSTER</li> <li>▪ Member Councils</li> <li>▪ Print companies</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 2</b>	<b>EARTHWORKS WORKSHOPS</b>
<b>Purpose</b>	<p>Earthworks Workshops is a community program designed to give target groups, eg. residents in Aged Care Hostels &amp; Aboriginal Communities, practical knowledge &amp; skills on a variety of environmental initiatives to undertake at home &amp; in the community. The workshops would include sessions on composting, worm farming &amp; no dig garden.</p> <p>The concept is an easy way for the target communities to build &amp; maintain a garden whilst gaining understanding &amp; knowledge &amp; practical techniques for transforming their green waste &amp; food scraps into beneficial by-products for their garden. The aim of the campaign would be to conduct workshops &amp; distribute information packs to these communities throughout the region.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Education &amp; attitudinal change in waste management</li> <li>▪ Increase community awareness of resource recovery &amp; waste avoidance throughout the entire region</li> <li>▪ Encourage the community to make waste management a part of their daily lives</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ There may be some cultural barriers that need to be taken into consideration</li> <li>▪ Physical limitations may need to be taken into consideration &amp; provide alternative options</li> <li>▪ Ensure that program content &amp; information is relevant</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change when dealing with residential organic waste</li> <li>▪ Community participation within aged care hostels &amp; aboriginal communities</li> <li>▪ Exposure of NIRW to this demographic of the community</li> </ul>
<b>Estimated Cost</b>	\$10,000 (\$2,000 DEC) (\$8,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Community Identity for program presentation</li> <li>▪ Literature on worm farms, compost &amp; no-dig gardens</li> <li>▪ Model worm farm &amp; compost bins &amp; visuals on No-dig gardens</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 3</b>	<b>PUBLIC PLACE RECYCLING</b>
<b>Purpose</b>	<p>A “Resource Recovery &amp; Litter Prevention” Manual has been developed for distribution to NIRW Member Councils for implementation in their local communities. As part of the 2006/2009 strategy, a regional events calendar will be collated to identify local events where public place recycling could be conducted. Up to 5 specific events each year will be selected from the events calendar &amp; targeted for public place recycling programs.</p> <p>Investigation into the feasibility of manufacturing a regional recycling trailer for the use by all NIRW Member Councils will also take place.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase the communities exposure, awareness &amp; participation in recycling</li> <li>▪ Improve the level of recycling services within the region</li> <li>▪ Provide standard &amp; consistent Public Place Recycling facilities throughout the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Events calendar will need to be established &amp; reviewed yearly</li> <li>▪ Selection of up to 5 events per year will need to be undertaken on a financial calendar year</li> <li>▪ Implementation of program</li> <li>▪ Modification of promotional material to suit event</li> <li>▪ Ensuring that essential equipment is available, such as suitable bins for garbage &amp; recycling</li> <li>▪ Ensuring proper identification of bins for event</li> <li>▪ Publicity of public place recycling during event will need to occur</li> <li>▪ Bin monitors maybe required to monitor &amp; prevent contamination &amp; encourage usage</li> <li>▪ Investigation into feasibility of manufacturing a regional recycling trailer for the region</li> <li>▪ Resource Recovery &amp; Litter Prevention Manual may need reviewing &amp; updating &amp; distributing</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Diverting recyclable material from landfill</li> <li>▪ Reduction in contamination</li> <li>▪ Improvement in participation</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$32,000 (\$12,000 DEC) (\$20,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Waste Education Trailer</li> <li>▪ Bin Monitor/Labour</li> <li>▪ Media</li> <li>▪ Housekeeping Notices</li> </ul>

<b>Milestone 4</b>	<b>REGIONAL LITTER STRATEGY</b>
<b>Purpose</b>	The next stage of the NIRW Regional Litter Strategy is to ensure that all elements of the campaign have been successfully implemented by the stakeholders. The ongoing monitoring of the campaign will occur during 2006/2009. A further extension to the regional litter strategy will be an investigation into the potential to expand the scope of the existing strategy to include the principles of Adopt-A-Road program & involve regional communities in assisting in litter prevention across the region. This will involve a trial on rural & regional roads within the region.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promote community awareness, knowledge &amp; understanding of littering issues &amp; how it impacts the New England &amp; North West of NSW</li> <li>▪ Facilitate litter prevention behaviour by promoting simple, practical methods for particular groups &amp; individuals in the community</li> <li>▪ Build the communities capacity to undertake activities that reduce litter in their local area, or in places identified as high litter areas</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Regional signage may need to be updated or replaced for reasons such as vandalism, visual quality</li> <li>▪ Cornstarch car litter bag promotion across the region will need to continue</li> <li>▪ Investigation into developing a program with similar principles to adopt-a-road campaign that can be implemented across the rural areas of the region.</li> <li>▪ Develop trial program on rural &amp; regional roads within the region</li> <li>▪ Councils who implement the trial/program like adopt-a-road will need to accept disposal costs for waste collected regularly</li> <li>▪ Development of suitable program materials</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reinforce Regional Litter Strategy message across region</li> <li>▪ Encourage behavioural change</li> <li>▪ Community or industry participation &amp; increase community pride</li> <li>▪ Assist member councils with roadside litter</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$5,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community Groups</li> <li>▪ Industry/Business</li> <li>▪ Media</li> <li>▪ Member Council Landfills</li> <li>▪ Manufacturers – signage &amp; cornstarch bags</li> </ul>

<b>Milestone 5</b>	<b>WASTE &gt; ART &amp; DESIGN COMPETITION</b>
<b>Purpose</b>	<p>2006 will be the 6th year the Waste &gt; Art &amp; Design Competition has been conducted &amp; it has become a well recognised waste reduction &amp; community arts event throughout the region of the New England &amp; North West. In celebration of the campaigns success, NIRW will design &amp; develop a 2007 Diary show casing artworks from the past 6 years.</p> <p>Waste &gt; Art &amp; Design has become important to the regional schools, as schools view this program as a vital tool to in addressing curriculum requirements.</p> <p>The regional competition is an opportunity to showcase the very best artworks that capture the reduce &amp; reuse message both within the community &amp; the schools.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promote the reduction &amp; reuse of waste through school &amp; community participation</li> <li>▪ Involve businesses (as sponsors) in the delivering the waste reduction message</li> <li>▪ Increase community awareness of resource recovery &amp; waste avoidance throughout the entire region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils are limited in their staff resources to conduct the program</li> <li>▪ Program material needs to be updated each year</li> <li>▪ Sponsorship for prizes &amp; support of the program needs to be sought both locally &amp; regionally</li> <li>▪ Calendar of events to co-ordinate local competitions &amp; then regional competition needs to be developed each year</li> <li>▪ Councils are faced with issues of housing &amp; displaying the artworks</li> <li>▪ Regional Competition to only tour two locations per year</li> <li>▪ Each Council is responsible for organising &amp; freighting their Local Competition winners to the location of the Regional Competition.</li> <li>▪ NIRW is responsible for returning the Regional Competition entries to the respective NIRW member Council</li> <li>▪ For regional competition a removalist needs to be arranged to pick up &amp; deliver on schedule tour dates</li> <li>▪ Production of 2007 Diary showcasing previous competition winners over the last six years.</li> <li>▪ Diary will distribution to member councils to go on sale.</li> <li>▪ Member Councils will need to make necessary arrangements in their respective budgets to facilitate sales of diary.</li> <li>▪ Sales will be on a cost recovery basis.</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reinforce reduce &amp; reuse message within schools &amp; across communities in region</li> <li>▪ Encourage behavioural change within the community</li> <li>▪ Encourage Industry support through sponsorship</li> <li>▪ Assist Schools in meeting curriculum needs through a fun &amp; interactive program</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$50,000 (\$30,000 DEC) (\$20,000 others including member Councils)

## Resources

- Administration
- Member Councils
- community members
- up to 180 schools
- Industry/Business
- Media
- Printing Company
- Removalist & Freight companies
- Judging panel
- NIRW Website
- Council websites

<b>Milestone 6</b>	<b>REGIONAL ORGANIC WASTE STREAM MAPPING – STAGE 3</b>
<b>Purpose</b>	NIRW have undertaken Regional Organic Waste Stream Mapping for the NIRW region producing a Final Report. A synopsis of this report will be prepared for dissemination to industry & stakeholders. Active partnership building will be undertaken in the NIRW region as a means of utilising available organic wastes, identify value adding options, foster marketing investigations & facilitate sustainable use of the resource.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase waste diversion from landfill</li> <li>▪ Increase reuse of secondary resources</li> <li>▪ Reduce the use of natural resources</li> <li>▪ Improve the environment</li> <li>▪ Increase opportunities for new markets &amp; industries in the region</li> <li>▪ Increase community awareness about waste reuse</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ A synopsis of the Final Report needs to be compiled for provision to assist stakeholders with potential new economic development within the region.</li> <li>▪ Develop a strategy for regional development in relation to organic waste material</li> <li>▪ Facilitate networking opportunities between industries for information &amp; resource sharing</li> <li>▪ Explore options such as calling for expressions of interest relating to organic waste material within the region as a means of highlighting the opportunities within the region</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ New industry to the region</li> <li>▪ Diversion of organic waste from landfill</li> <li>▪ Utilisation of organic resources</li> <li>▪ Networking &amp; facilitation of industry partnerships to assist beneficial reuse of organic waste</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$10,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Consultant who undertook ROMPS Study</li> <li>▪ Member Councils</li> <li>▪ State &amp; Regional Development for assistance to Industry</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 7</b>	<b>SECOND HAND SATURDAY REGIONAL CAMPAIGN</b>
<b>Purpose</b>	A Regional Second Hand Saturday campaign across the New England & North West to coincide with the same weekend as Clean Up Australia Day (where possible). It is anticipated that the environmental message will be reinforced with the local community.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increased community awareness of reuse</li> <li>▪ Increase waste diversion rates</li> <li>▪ Decrease in council collection costs</li> <li>▪ Improve the environment</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils are limited in their staff resources to conduct the program</li> <li>▪ Program material needs to be updated each year</li> <li>▪ Program material may differ based on whether the program is run at multiple locations (resident homes) or a central location (community hall)</li> <li>▪ Sufficient notice &amp; promotion of the event needs to occur to ensure good participation rates</li> <li>▪ Local media support of the program needs to be obtained to assist in the promotion (ie community announcements)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods from landfill through reuse</li> <li>▪ Community participation &amp; response to program is favourable</li> </ul>
<b>Estimated Cost</b>	\$12,000 (\$7,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community members</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 8</b>	<b>drumMUSTER</b>
<b>Purpose</b>	A campaign aimed at increasing the amount of drums recycled through the drumMUSTER campaign in the region. A 2 year regional contract with a contractor for the collection & processing of drumMUSTER containers. Tendering process will be initiated for the group.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximise the number of crop protection &amp; animal health chemical containers collection &amp; recycled throughout the region</li> <li>▪ Protection of the environment</li> <li>▪ Provision of services by all NIRW Councils</li> <li>▪ Reduced costs to participating Councils</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Collection sites may increase or decrease</li> <li>▪ Levels of service may vary</li> <li>▪ Cater for on farm collections</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduced costs to participating Councils</li> <li>▪ Regular servicing of sites</li> <li>▪ Reduced containers to landfill through diversion</li> <li>▪ Protection of the environment</li> </ul>
<b>Estimated Cost</b>	\$10,000 (\$4,000 DEC) (\$6,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Media</li> <li>▪ Member Councils</li> <li>▪ On farm collection sites</li> <li>▪ drumMUSTER</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 9</b>	<b>REGIONAL CHEMICAL COLLECTION CAMPAIGN</b>
<b>Purpose</b>	<p>NIRW aims to continue to deliver an annual hazardous chemical collection program to member Councils throughout the region.</p> <p>The program accommodates various sectors within the region including household &amp; rural chemicals &amp; provides an efficient &amp; timely service to the respective communities to minimise public health &amp; environmental risk.</p> <p>Education will become an important part of the Chemical Collection Program in order to increase community awareness on the harmful effects that hazardous waste have on the environment.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Provide a regional service for the collection &amp; safe disposal of unwanted hazardous chemicals</li> <li>▪ Minimise the risks to the environment &amp; community health by reducing the instances of illegal dumping &amp; accidental poisoning</li> <li>▪ Reduce costs to participating Councils through regional collaboration</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing annually</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Campaign needs to be promoted effectively to ensure community utilisation</li> <li>▪ Campaign report needs to be obtained from Contractor &amp; evaluated</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduces risk to public health</li> <li>▪ Hazardous chemicals are diverted from landfills &amp; the environment</li> <li>▪ Hazardous chemicals are disposed of in a safe &amp; effective manner</li> <li>▪ Provision of annual service to community provides convenience &amp; reduced risk of inappropriate disposal</li> <li>▪ Regional contract is cost effective to member councils, funding agencies &amp; the community</li> </ul>
<b>Estimated Cost</b>	\$190,000 (\$2,000 DEC) (\$188,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Media</li> <li>▪ Member Councils</li> <li>▪ Community Members</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 10</b>	<b>REGIONAL GREENWASTE PROCESSING</b>
<b>Purpose</b>	NIRW undertakes tendering of its green waste processing requirements for member Councils for a contract period of 2 years. Concurrently, NIRW also encourages member councils to increase the amount of green waste processing in their local government area.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximised diversion of waste from landfill through resource recovery</li> <li>▪ Protection of the environment</li> <li>▪ Reduced costs to participating Councils through increased purchasing power from regional collaboration</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing every two years</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Diversion rates need to be regularly sourced from Contractor</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Greenwaste diverted from landfill</li> <li>▪ Minimum level of servicing for processing at member council sites</li> <li>▪ Quality product that member councils can sell or value add to &amp; sell</li> <li>▪ Regional contract provides better prices to member councils</li> </ul>
<b>Estimated Cost</b>	\$104,000 (\$4,000 DEC) (\$100,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 11</b>	<b>METAL WASTE &amp; BATTERY COLLECTION</b>
<b>Purpose</b>	NIRW will be tendering its Metal Waste & Battery collection requirements for a contract period of 2 years. NIRW will also encourage member councils to increase the amount of metal waste collection in their local government area & actively separates batteries for suitable disposal.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Diversion of metal waste</li> <li>▪ Protection of the environment</li> <li>▪ Provision of services to all NIRW Councils</li> <li>▪ Maximised revenue returns to participating Councils through increased supply power from regional collaboration</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing every two years</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Processing quantities need to be regularly sourced from Contractor</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Metal waste &amp; Batteries diverted from landfill</li> <li>▪ Ensures required level of servicing for member council sites</li> <li>▪ Member councils receive value in processing of metal waste &amp; collection of batteries</li> <li>▪ Regional contract provides better prices to member councils</li> </ul>
<b>Estimated Cost</b>	\$24,000 (\$4,000 DEC) (\$20,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 12</b>	<b>COMMERCIAL &amp; INDUSTRIAL RECYCLING</b>
<b>Purpose</b>	<p>According to EcoRecycle Victoria, Commercial &amp; Industrial (C&amp;I) waste accounts for approximately 24% of all waste disposed to licensed landfills. Commercial &amp; industrial waste comprises solid waste generated by the business sector as well as solid wastes created by state &amp; federal government entities, schools &amp; tertiary institutions.</p> <p>By definition C&amp;I waste does not include waste from the construction &amp; demolition (C&amp;D) sector, however the majority of C&amp;D is produced by the building industry. And although C&amp;I and C&amp;D are separate waste streams, examination of C&amp;I waste will result in cross purpose examination of both waste streams from an industry perspective. Separation &amp; recovery of C&amp;I waste is proposed to be undertaken by the majority of NIRW Councils.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To develop the 'mind set' in business &amp; industry that waste is a resource</li> <li>▪ To encourage opportunities for the reuse &amp; recycling of waste in business &amp; industry</li> <li>▪ To foster an ongoing positive &amp; proactive attitude to the management of business &amp; industry waste by NIRW Member Councils</li> <li>▪ Diversion of C&amp;I waste from landfill and reduce costs across the NIRW region</li> <li>▪ Create networking opportunities amongst Industry through the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Industry varies across the NIRW region</li> <li>▪ Member Councils capacity to accept such wastes may vary</li> <li>▪ Within member council areas MRF facilities operate differently</li> <li>▪ Within member council areas waste contractors are varied &amp; there may not be a service provider available to provide a service. Alternative options need to be available</li> <li>▪ Establishment of a regional waste service provider list for inclusion on NIRW website needs to be investigated</li> <li>▪ Investigation into the establishment of an Industry network to facilitate waste brokerage between industry needs to occur.</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Identifies various industry across the regions that maybe able to assist each other through networking opportunities</li> <li>▪ Commercial waste has often been put in the too hard basket from a council perspective &amp; this is a way to start addressing the issue regionally</li> <li>▪ Achieve efficiencies for industry in the way the manage &amp; dispose of their waste</li> <li>▪ Encourage behavioural change &amp; support within regional industry</li> <li>▪ Seek to identify potential business opportunities within the region for specialist service provision in the waste sector</li> </ul>
<b>Estimated Cost</b>	\$75,000 (\$40,000 DEC) (\$35,000 others including member Councils)

**Resources**

- Administration
- Consultant
- Member Council staff
- Industry
- Chamber of Commerce offices in the region
- State & Regional Development
- NIRW Website

<b>Milestone 13</b>	<b>SUSTAINABLE ON FARM WASTE MANAGEMENT</b>
<b>Purpose</b>	<p>It is proposed that the Sustainable On Farm Waste Management Program will be rolled out across the region, in partnership with the regional Catchment Management Authorities. The Program is designed to remove metal &amp; waste material from farm gullies &amp; provide access to information to improve natural resource management. The campaign will have two separate strategies:</p> <ul style="list-style-type: none"> <li>▪ NIRW – to facilitate removal of waste from eroded gullies/waterways</li> <li>▪ CMA – landholders to contact CMA about improving natural resource management &amp; provide technical advice to landholders</li> </ul>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Diversion of waste from the rural environment</li> <li>▪ Remediation of gully erosion</li> <li>▪ Education &amp; sustainability of farming practices</li> <li>▪ Encourage change of practice for waste disposal on rural properties</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Consultation with 3 CMA's will need to occur to facilitate the program across the region</li> <li>▪ Clear identification of the level of service that each CMA can provide</li> <li>▪ Relevant contact details for respective CMA's across the member council area needs to be obtained for referral of landholders</li> <li>▪ Expression of interest for metal waste collection for the project will need to be undertaken</li> <li>▪ Site inspections with metal waste contractor &amp; NIRW member council representative will need to occur</li> <li>▪ Site inspections may take some time due to landholder, contractor &amp; NIRW representative availability</li> <li>▪ Suitability of proposed project may not be viable to either the landholder or contractor but change of practice &amp; alternative education may be offered</li> <li>▪ Site may require inspection from CMA representative prior to works commencing if site is thought to be more effected if waste is removed. Time delays may occur as a result.</li> <li>▪ Investigation of other partners may need to occur relating to provision of information to the landholders &amp; potential avenues to assist landholder with obtaining natural resource management tools</li> <li>▪ Smorgon Steel are undertaking a metal waste collection program. May affect participation rates. May not be concerned about other waste in gullies or encouraging behavioural &amp; practice change</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Waste is removed from gullies &amp; waterways</li> <li>▪ Protection of the environment</li> <li>▪ Encourage behavioural change</li> <li>▪ Encourage change of farm practice</li> </ul>

<b>Estimated Cost</b>	\$27,000 (\$12,000 DEC) (\$15,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ CMA</li> <li>▪ Landholders</li> <li>▪ Industry</li> <li>▪ media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 14</b>	<b>ON FARM PLASTICS RECYCLING CAMPAIGN</b>
<b>Purpose</b>	NIRW current waste database includes basic information on the waste streams & services controlled by the Councils. The detailed mapping of plastic waste streams throughout the region will take the waste database program to the next level where it is proposed to use the database information to plan & develop integrated solutions for the region's plastic waste.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To educate the rural community to be aware of proper disposal of plastics &amp; the negative impact of this product on the environment</li> <li>▪ To develop a practical collection procedure to help minimise burying or burning of plastic product on farms</li> <li>▪ To increase collection &amp; recycling of plastic products from the rural community &amp; minimise risks to the environment</li> <li>▪ To reduce costs to NIRW Member Councils &amp; the rural community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Investigate Council services to small villages &amp; rural properties</li> <li>▪ Investigation of possible storage &amp; collection methods across region</li> <li>▪ Investigate milk run collection across the region by contractor to assess viability</li> <li>▪ Conduct trial with a small village &amp; select rural properties for recycling stations</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Plastic waste diverted from landfill</li> <li>▪ Plastic waste disposed of in a safe manner</li> <li>▪ Prevention of burning plastic waste</li> <li>▪ Possible regional collection opportunities for viability</li> <li>▪ Protection of the environment</li> </ul>
<b>Estimated Cost</b>	<p>\$5,000</p> <p>\$0 allocation for 2006/07 period – Identified low priority program</p>
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ Small village &amp; select rural properties</li> <li>▪ media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 15</b>	<b>USED OIL PROGRAM</b>
<b>Purpose</b>	The Product Stewardship (Oil) Act 2000 provides incentives for the recovery of used oil through a levy on each litre of oil sold & payments to appropriate oil recyclers. NIRW aim to establish appropriate infrastructure & deliver regional services to maximize the recovery of used oil within the region.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Avoiding &amp; preventing waste</li> <li>▪ Increased use of renewable &amp; recovered materials</li> <li>▪ Reduce litter &amp; illegal dumping</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Funding application to DEH needs to be prepared &amp; submitted for member councils</li> <li>▪ Identification of sites from member councils for used oil stations</li> <li>▪ Source quote for units &amp; delivery to sites</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Used oil is diverted from landfill</li> <li>▪ Used oil disposed of in a safe &amp; effective manner</li> <li>▪ Provision of service to rural community</li> <li>▪ Collaborative submission produced that member councils become available to funding without having to have made a submission individually</li> </ul>
<b>Estimated Cost</b>	\$175,189 (\$2,000 DEC) (\$173,189 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ DEH</li> <li>▪ Member Councils</li> <li>▪ Manufacturers</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 16</b>	<b>E WASTE (RECYCLE IT)</b>
<b>Purpose</b>	<p>Approximately 2.1 million computers entered the Australian market in 2002, adding to the 9.2 million already in use. At the same time, an estimated 3 million computers reached their end-of-life, about 1 million in NSW alone. There are limited methods of end-of-life disposal for computers. Most households &amp; small businesses place unwanted computers in storage or send them to landfill*.</p> <p>The Recycle It! Computer Collection Pilot was conducted by the Department of Environment &amp; Conservation (DEC) &amp; the Australian Information Industry Association (AIIA) in 2002.</p> <p>NIRW will seek to establish a similar program within the region partnering with an existing recycling business based within the region.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximise diversion of E waste from landfill through resource recovery</li> <li>▪ Provision of an economic service on a regional level</li> <li>▪ Protection of the environment</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils will need to store e-waste</li> <li>▪ Councils will need to pay for transportation to e-waste processing facility</li> <li>▪ Tender for contractor to provide regional collection service</li> <li>▪ Investigation to occur into other potential electronic waste that could be processed regionally</li> <li>▪ E-waste Recycling business processing capability</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods to landfill through resource recovery</li> <li>▪ Issue address from a regional perspective</li> </ul>
<b>Estimated Cost</b>	\$50,000 (10,000 DEC) (\$40,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community members</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 17</b>	<b>ENVIRONMENTAL SUSTAINABILITY KITS</b>
<b>Purpose</b>	<p>The NIRW Environmental Sustainability Kits will be focused on the environment &amp; waste prevention for the community. NIRW will also assist member Councils with static displays for their Council office foyers to promote NIRW programs &amp; sustainable waste management.</p> <p>The community's social, economic &amp; environmental issues are interconnected &amp; by developing a kit that focuses on these issues the local community will be encouraged to take up environmentally friendly technologies &amp; practices.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase community awareness of environmental issues</li> <li>▪ Promote creative resource reuse</li> <li>▪ Education &amp; attitudinal change of waste management</li> <li>▪ Increase NIRW profile within community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Council space will vary &amp; venues like libraries etc need to be investigated</li> <li>▪ Councils may have more than one office within their council area (ie branch offices)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods away from landfill through resource recovery</li> <li>▪ Issue address from a regional perspective</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$7,000 DEC) (\$8,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Printing Companies</li> </ul>

<b>Milestone 18</b>	<b>REGIONAL EDUCATION PROGRAM</b>
<b>Purpose</b>	<p>The Regional Education Program will comprise a regional media campaign encompassing programs that have been developed &amp; conducted by NIRW. The aim is to promote the group of NIRW throughout the region &amp; gain further community support for the range of programs provided by member Councils.</p> <p>The media campaign will be run on local television &amp; in local newspapers. The commercials will deliver messages such as plastic bag alternatives, recycling, green waste, drumMUSTER &amp; Sustainable On Farm Waste Management.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Community awareness</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Conduct survey of local community to identify knowledge</li> <li>▪ Prepare education plan &amp; material</li> <li>▪ Develop &amp; implement regional media campaign</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Promotion of programs &amp; group</li> <li>▪ Increase support &amp; participation from community</li> <li>▪ Self review &amp; program building</li> </ul>
<b>Estimated Cost</b>	\$5,000 (\$3,000 DEC) (\$2,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Survey data</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 19</b>	<b>ENVIRONMENTAL YOUTH FORUM</b>
<b>Purpose</b>	NIRW will conduct a youth forum to look at & raise environmental awareness by engaging the regional schools. Discussion focus will look at addressing syllabus requirements & general community issues about achieving a sustainable future.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop &amp; Implement a pilot program in year 1 that addresses &amp; extends beyond syllabus needs relating to environmental &amp; sustainability education.</li> <li>▪ Subsequent years program - expansion &amp; continual improvement to program</li> <li>▪ Increase awareness &amp; discussion among regional youth</li> <li>▪ Increase student &amp; teacher knowledge of avoid, reuse, recovery &amp; recycling practices</li> <li>▪ Have participating schools look at their own school environment &amp; ways that the principles of avoidance, reuse, recovery &amp; recycling can be applied</li> <li>▪ Knowledge received will be upwardly educated through participants home &amp; social influences</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Opportunity should be opened up to all regional schools</li> <li>▪ Explore collaboration between the Science expo or other school based initiatives</li> <li>▪ Possible subsidy for buses to encourage participation</li> <li>▪ Rotating workshops &amp; groups to maximise learning in smaller groups &amp; sessions focus on individual issues</li> <li>▪ Environmental issues include more than just waste &amp; issues of sustainability of water &amp; energy also need to be addressed</li> <li>▪ Pilot to target primary and/or secondary students</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ Increase knowledge of sustainability synergies between waste, energy &amp; water</li> <li>▪ Schools look at their own practices &amp; identify good practice &amp; possible areas of change</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$10,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Venue</li> <li>▪ Media</li> <li>▪ Member Councils</li> </ul>

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|  | <ul style="list-style-type: none"><li>▪ Regional Schools</li><li>▪ NIRW Website</li><li>▪ Potential partners in facilitating the program – Service Clubs, Tamworth Water Directorate (TRC), KAB</li><li>▪ Transport providers</li></ul> |
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<b>Milestone 20</b>	<b>REEL WASTE CAMPAIGN</b>
<b>Purpose</b>	<p>An anti-littering &amp; environmental awareness. Secondary students will be requested to address a particular issue identified by NIRW (ie illegal dumping or street litter).</p> <p>The campaign will be opened up to schools across the NIRW region to create an amateur television commercial addressing the identified issue. The winning entry will be professionally produced by local media &amp; aired on television over a 2 week period. The winning school will receive prizes for the school that will increase their media resources.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop &amp; Implement a program that addresses syllabus needs relating to environmental &amp; sustainability education &amp; media components</li> <li>▪ Increase awareness &amp; discussion among regional youth</li> <li>▪ Increase student &amp; teach knowledge of avoid, reuse, recovery &amp; recycling practices</li> <li>▪ Have participating schools look at their own community &amp; the issues identified to be addressed</li> <li>▪ Useful promotional tool about identified issues</li> <li>▪ Increase knowledge of NIRW programs</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Opportunity should be opened up to all regional schools</li> <li>▪ Sponsorship sought for prizes</li> <li>▪ NIRW to identify new issue to be addressed each year</li> <li>▪ How entries are submitted &amp; received</li> <li>▪ Partnerships</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ NIRW has potential resource to address particular issues</li> <li>▪ Schools look at their own communities &amp; their waste issues</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$10,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Regional Schools</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 21</b>	<b>REGIONAL CONSTRUCTION &amp; DEMOLITION WASTE PROCESSING</b>
<b>Purpose</b>	<p>Some member Councils have commenced Construction &amp; Demolition (C&amp;D) Waste recycling &amp; separation.</p> <p>NIRW actively promotes the benefits of the reuse of C &amp; D recycled products, such as clean fill, decorative gravel, drainage material &amp; road base to industry members throughout the region.</p> <p>NIRW aims to facilitate opportunities for all member Councils to be able to participate in a C&amp;D program in a cost effective manner.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Reduce the amount of C &amp; D Waste going to Landfill within the region</li> <li>▪ Increase the level of resource recovery services available within the region</li> <li>▪ Increase awareness within the building industry of the economic &amp; environmental benefits associated with recovery of C &amp; D Waste</li> <li>▪ Reduce the use of natural resources within the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Undertake cost benefit analysis for NIRW regional processing contract</li> <li>▪ Develop database of member Councils who diverts C&amp;D waste, materials accepted, diversion rates &amp; stockpile capacity</li> <li>▪ Produce tender specification</li> <li>▪ Liaison &amp; education of Building Industry within region to maximise potential separation &amp; recovery of materials</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce the amount of C &amp; D Waste going to Landfill within the region</li> <li>▪ Increased lifespan of landfill assets</li> <li>▪ Increase the level of resource recovery services available within the region</li> <li>▪ Increase awareness within the building industry of the economic &amp; environmental benefits associated with recovery of C &amp; D Waste</li> <li>▪ Reduce the use of natural resources within the region</li> </ul>
<b>Estimated Cost</b>	\$120,000 (\$15,000 DEC) (\$105,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Consultant</li> <li>▪ Media</li> <li>▪ Building Industry</li> <li>▪ Education Material/Literature</li> </ul>

<b>Milestone 22</b>	<b>REUSE CENTRES</b>
<b>Purpose</b>	<p>Reuse Centres are becoming popular throughout the waste management community to promote diversion of waste to landfills. Reuse Centres are often incorporated into landfill sites for ease of materials &amp; goods separation &amp; collection. Centres such as Yacannabuybeta (Tamworth Landfill), Reverse Garbage (Marrickville &amp; Katoomba), The Bower (Marrickville) and Revolve (Canberra) are just a few established &amp; successful reuse centres throughout New South Wales.</p> <p>NIRW aims increase the number of reuse centres within the region which will provide additional opportunities for reuse &amp; reducing goods going to landfill.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promoting creative resource reuse</li> <li>▪ Education &amp; attitude changes of waste management</li> <li>▪ Diverting goods to landfill</li> <li>▪ Create mutually beneficial partnerships</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Investigation into partnerships with MRF Facilities/Operators</li> <li>▪ Analysis of viability needs to be undertaken</li> <li>▪ Investigation into business &amp; marketing plan templates</li> <li>▪</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Diversion of goods from landfill</li> <li>▪ Promotion of creative reuse of resources</li> <li>▪ Potential partnership development</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$4,000 DEC) (\$16,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Partnership – MRF operators or Disability Service/Employment Service Providers</li> <li>▪ Education Material/Literature</li> </ul>

<b>Milestone 23</b>	<b>REUSE DIRECTORY &amp; WASTE SERVICE PROVIDER DIRECTORY</b>
<b>Purpose</b>	<p>A directory accessible via the NIRW website, promoting businesses that deal in reused goods through sale or purchase, has been developed. A review of this directory needs to occur annually to ensure information is current &amp; up to date. It is believed that regional promotion will raise awareness of reuse as a waste reduction method, and a network of reuse businesses will bring together business owners for greater networking and promotion opportunities.</p> <p>A directory of service providers within the waste sector needs to be developed &amp; be accessible via the NIRW website.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promotion of reuse businesses across the region</li> <li>▪ Develop an internet based reuse directory</li> <li>▪ Co-ordinate a regional reuse network or reuse businesses</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ All member Council areas need to be investigated</li> <li>▪ Survey developed to record services &amp; goods provided</li> <li>▪ Access to on NIRW website &amp; links from member Council website</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Identifies Reuse Centres</li> <li>▪ identifies Waste Service Providers</li> <li>▪ identifies Opportunities for specialist waste service providers in region</li> </ul>
<b>Estimated Cost</b>	\$4,000 (\$4,000 DEC)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Industry</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 24</b>	<b>ILLEGAL DUMPING STRATEGY</b>
<b>Purpose</b>	NIRW will be addressing the regional issue of illegal dumping. Virtually all member council's are seeking to improve management of rural landfills through supervision & restricted access. With cost for waste disposal increasing & historic service levels changing, Councils are being faced with the challenge of managing the reactionary response of illegal dumping.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop a regional strategy to address illegal dumping</li> <li>▪ Implement strategy across the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Gather data from member Councils to identify extent of problem</li> <li>▪ Development &amp; implement strategies that can include education, enforcement &amp; monitoring to achieve a reduction of illegal dumping impacts upon the environment</li> <li>▪ Value in contracting RID squad</li> <li>▪ Impress upon the community; "illegal dumping imposes a cost on everybody"</li> <li>▪ Evaluation of programs success, "how do we measure results"</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Illegal dumping occurrences reduced</li> <li>▪ Monitoring &amp; enforcement strategy developed</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$5,000 DEC) (\$15,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ RID Squad</li> <li>▪ Education materials</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 25</b>	<b>SCHOOL EDUCATION KIT REVIEW &amp; UPDATE</b>
<b>Purpose</b>	<p>There are 160 Schools in the region of New England &amp; North West of New South Wales, consisting of primary, secondary and central schools. NIRW are dedicated to working with schools to education &amp; promote waste education programs. The School Education Kit will incorporate programs such as:-</p> <ul style="list-style-type: none"> <li>• Waste &gt; Art &amp; Design Competition</li> <li>• Litter Free Lunch</li> <li>• Waste Watchers</li> <li>• Mobile Waste Education Trailer</li> <li>• Reel Waste Campaign</li> </ul> <p>In 2004, Schools were provided with this kit. It is timely for this kit to be reviewed &amp; updated. NIRW needs to be proactive in providing information to schools to increase participation &amp; awareness about sustainable waste management.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase awareness of waste management within schools in the NIRW region</li> <li>▪ Ensure programs are scheduled in school calendar</li> <li>▪ Education &amp; attitude changes of economic, social and environmental issues</li> <li>▪ Providing life skills at an early age</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Kits supplied to all regional schools</li> <li>▪ NIRW to annually review campaigns to advise focus issues &amp; dates for campaigns &amp; competitions</li> <li>▪ Advise on campaign &amp; competition requirements needs to be outlined – ie waste&gt;art housing of artworks.</li> <li>▪ Need to ensure this information is getting through to the right people within the school ie respective teachers</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ NIRW has potential resource to address particular issues</li> <li>▪ Schools look at their own communities &amp; their waste issues</li> <li>▪ Schools can plan their school calendar &amp; address syllabus needs</li> </ul>
<b>Estimated Cost</b>	\$8,000 (\$5,000 DEC) (\$3,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ NIRW Website</li> <li>▪ Regional Schools</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 26</b>	<b>MODEL – RURAL WASTE DISPOSAL FACILITY</b>
<b>Purpose</b>	<p>Increased pressures to better manage small rural landfills has resulted in many varying initiatives being undertaken to provide ongoing waste disposal options for small or isolated rural communities.</p> <p>NIRW proposes to collate the data &amp; experiences from member Councils to identify best practice options for continued service delivery &amp; sustainable environmental management of waste in a small rural community.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase awareness of waste management issues at rural landfill sites in the NIRW region</li> <li>▪ Investigate alternative methods of managing rural landfills</li> <li>▪ Provide data from NIRW member Councils relating to best practice options</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Number of rural landfills in NIRW member Council area</li> <li>▪ Data may take some time to gather &amp; collate</li> <li>▪ Consistency in the provision of the information (ie develop template)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Assist member Councils with information on alternative management options &amp; principles</li> <li>▪ Gathering &amp; collation of data can be used in other areas</li> <li>▪ Addressing rural landfill management issues on a regional basis</li> </ul>
<b>Estimated Cost</b>	<p>\$20,000</p> <p>\$0 allocation for 2006/07 period – Identified low priority program</p>
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ NIRW Website</li> <li>▪ Survey materials</li> </ul>

## OVERVIEW OF MILESTONES: 2007/2008

MILE STONE	ISSUE	SECTOR	PROGRAM	FUNDING SOUGHT	ESTIMATED PROJECT VALUE
1	Regional Education Approach	Community Education	Waste Education Trailer	\$5,000	\$15,000
2	Preventing & Avoiding Waste	Community Education	Earthworks Workshops	\$5,000	\$8,000
3	Public Place Recycling	Municipal/Education	Public Place Recycling	\$10,000	\$30,000
4	Regional Approach	Community Education/Litter	Regional Litter Strategy	\$5,000	\$15,000
5	Avoid, Reduce, Reuse, Recycle	Community & School Education	Waste>Art & Design Competition	\$35,000	\$55,000
6	Increased Resource Recovery	Municipal/Organics	ROMPS – Stage 3	\$15,000	\$25,000
7	Increased Resource Recovery & Reuse	Municipal	Regional Secondhand Saturday	\$7,000	\$12,000
8	Increased Resource Recovery & Reuse	Municipal/Rural	drumMUSTER	\$4,000	\$10,000
9	Hazardous Chemical Collection	Hazardous Waste	Regional Annual Chemical Collection Campaign	\$89,000	\$199,000
10	Increased Resource Recovery/ Regional Approach	Municipal	Regional Greenwaste Processing Contract	\$5,000	\$105,000
11	Increased Resource Recovery/ Regional Approach	Municipal	Regional Metal Waste & Battery Collection Contract	\$5,000	\$25,000
12	Increase Resource Recovery/ Regional Approach	Municipal/C&I/C&D	C & I Recycling	\$30,000	\$50,000
13	Change Practice / Protect Environment	Rural	Sustainable of Farm Waste Management	\$10,000	\$25,000
14	Increased Resource Recovery	Rural/Municipal	On Farm Plastics Recycling	\$5,000	\$10,000

MILE STONE	ISSUE	SECTOR	PROGRAM	FUNDING SOUGHT	ESTIMATED PROJECT VALUE
15	Increased Resource Recovery	Municipal	Used Oil Program	\$4,000	\$24,000
16	Increased Resource Recovery/ Regional Approach	Municipal	E-Waste (Recycle IT)	\$10,000	\$50,000
17	Regional Approach / Awareness	Municipal/Rural	Environmental Sustainability Kits	\$5,000	\$10,000
18	Regional Approach / Awareness	Municipal/Rural	Regional Education Program	\$8,000	\$8,000
19	Regional Approach to Sustainability	School Education	Environmental Youth Forum	\$20,000	\$30,000
20	Increase Awareness/ Avoid, Reduce, Reuse & Recycle	School Education	Reel Waste Competition	\$12,000	\$17,000
21	Increased Resource Recovery	Municipal/C&D/C&I	Regional Construction Demolition Waste Processing	\$10,000	\$120,000
22	Increased Resource Recovery	Reuse	Reuse Centres	\$5,000	\$20,000
23	Increased Resource Recovery /	Reuse	Reuse Directory & Network	\$2,000	\$2,000
24	Avoiding & Preventing Waste	Municipal/Rural	Illegal Dumping Strategy	\$10,000	\$20,000
25	Increase awareness	School Education	School Education Kit Review & update	\$4,000	\$7,000
26	Rural Landfill Management / operation	Rural	Model – Rural Waste Disposal Facilities	\$10,000	\$20,000
			<b>Total Funding 2007/2008</b>	<b>\$330,000</b>	<b>\$912,000</b>

<b>Milestone 1</b>	<b>WASTE EDUCATION TRAILER</b>
<b>Purpose</b>	<p>Funding was received from the Environmental Trust for the construction of the Waste Education Trailer. This is a valuable resource for the region &amp; is currently being scheduled for use at agricultural &amp; trade shows, by member councils, school events &amp; at community activities.</p> <p>To ensure the effectiveness &amp; utilisation of the waste education trailer, it is essential that the trailer is kept stocked with resources that can be utilised, is widely promoted and maintained in good working order.</p> <p>NIRW Co-ordinates bookings, arranges transport to venues &amp; will assist in partnering with member councils to achieve “staffing” of the trailer.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To deliver waste education message to target groups</li> <li>▪ Ensure resources are available in the waste education trailer</li> <li>▪ Up to date literature is available in the waste education trailer</li> <li>▪ Trailer is kept in fully operational &amp; presentable order</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Literature needs to be kept up to date &amp; accurate</li> <li>▪ Quantities will need to be kept for utilisation at agriculture &amp; trade shows &amp; school education</li> <li>▪ Replacement of equipment – wear &amp; tear/damage</li> <li>▪ Trailer registration costs needs to be met</li> <li>▪ Transport to venues to be co-ordinated</li> <li>▪ Calendar of events &amp; bookings to be developed annually</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Stocked equipment means better utilisation of the waste education trailer</li> <li>▪ Information is current &amp; up to date</li> <li>▪ Bulk purchasing can provide discount</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$5,000 DEC) (\$10,000 Others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ DEC</li> <li>▪ EPA</li> <li>▪ drumMUSTER</li> <li>▪ Member Councils</li> <li>▪ Print companies</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 2</b>	<b>EARTHWORKS WORKSHOPS</b>
<b>Purpose</b>	<p>Earthworks Workshops is a community program designed to give target groups, eg. residents in Aged Care Hostels &amp; Aboriginal Communities, practical knowledge &amp; skills on a variety of environmental initiatives to undertake at home &amp; in the community. The workshops would include sessions on composting, worm farming &amp; no dig garden.</p> <p>The concept is an easy way for the target communities to build &amp; maintain a garden whilst gaining understanding &amp; knowledge &amp; practical techniques for transforming their green waste &amp; food scraps into beneficial by-products for their garden. The aim of the campaign would be to conduct workshops &amp; distribute information packs to these communities throughout the region.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Education &amp; attitudinal change in waste management</li> <li>▪ Increase community awareness of resource recovery &amp; waste avoidance throughout the entire region</li> <li>▪ Encourage the community to make waste management a part of their daily lives</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ There may be some cultural barriers that need to be taken into consideration</li> <li>▪ Physical limitations may need to be taken into consideration &amp; provide alternative options</li> <li>▪ Ensure that program content &amp; information is relevant</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change when dealing with residential organic waste</li> <li>▪ Community participation within aged care hostels &amp; aboriginal communities</li> <li>▪ Exposure of NIRW to this demographic of the community</li> </ul>
<b>Estimated Cost</b>	\$8,000 (\$5,000 DEC) (\$3,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Community Identity for program presentation</li> <li>▪ Literature on worm farms, compost &amp; no-dig gardens</li> <li>▪ Model worm farm &amp; compost bins &amp; visuals on No-dig gardens</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 3</b>	<b>PUBLIC PLACE RECYCLING</b>
<b>Purpose</b>	<p>A “Resource Recovery &amp; Litter Prevention” Manual has been developed for distribution to NIRW Member Councils for implementation in their local communities. As part of the 2006/2009 strategy, a regional events calendar will be collated to identify local events where public place recycling could be conducted. Up to 5 specific events each year will be selected from the events calendar &amp; targeted for public place recycling programs.</p> <p>Investigation into the feasibility of manufacturing a regional recycling trailer for the use by all NIRW Member Councils will also take place.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase the communities exposure, awareness &amp; participation in recycling</li> <li>▪ Improve the level of recycling services within the region</li> <li>▪ Provide standard &amp; consistent Public Place Recycling facilities throughout the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Events calendar will need to be established &amp; reviewed yearly</li> <li>▪ Selection of up to 5 events per year will need to be undertaken on a financial calendar year</li> <li>▪ Implementation of program</li> <li>▪ Modification of promotional material to suit event</li> <li>▪ Ensuring that essential equipment is available, such as suitable bins for garbage &amp; recycling</li> <li>▪ Ensuring proper identification of bins for event</li> <li>▪ Publicity of public place recycling during event will need to occur</li> <li>▪ Bin monitors maybe required to monitor &amp; prevent contamination &amp; encourage usage</li> <li>▪ Investigation into feasibility of manufacturing a regional recycling trailer for the region</li> <li>▪ Resource Recovery &amp; Litter Prevention Manual may need reviewing &amp; updating &amp; distributing</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Diverting recyclable material from landfill</li> <li>▪ Reduction in contamination</li> <li>▪ Improvement in participation</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$30,000 (\$10,000 DEC) (\$20,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Waste Education Trailer</li> <li>▪ Bin Monitor/Labour</li> <li>▪ Media</li> <li>▪ Housekeeping Notices</li> </ul>

<b>Milestone 4</b>	<b>REGIONAL LITTER STRATEGY</b>
<b>Purpose</b>	The next stage of the NIRW Regional Litter Strategy is to ensure that all elements of the campaign have been successfully implemented by the stakeholders. The ongoing monitoring of the campaign will occur during 2006/2009. A further extension to the regional litter strategy will be an investigation into the potential to expand the scope of the existing strategy to include the principles of Adopt-A-Road program & involve regional communities in assisting in litter prevention across the region. This will involve a trial on rural & regional roads within the region.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promote community awareness, knowledge &amp; understanding of littering issues &amp; how it impacts the New England &amp; North West of NSW</li> <li>▪ Facilitate litter prevention behaviour by promoting simple, practical methods for particular groups &amp; individuals in the community</li> <li>▪ Build the communities capacity to undertake activities that reduce litter in their local area, or in places identified as high litter areas</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Regional signage may need to be updated or replaced for reasons such as vandalism, visual quality</li> <li>▪ Cornstarch car litter bag promotion across the region will need to continue</li> <li>▪ Investigation into developing a program with similar principles to adopt-a-road campaign that can be implemented across the rural areas of the region.</li> <li>▪ Develop trial program on rural &amp; regional roads within the region</li> <li>▪ Councils who implement the trial/program like adopt-a-road will need to accept disposal costs for waste collected regularly</li> <li>▪ Development of suitable program materials</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reinforce Regional Litter Strategy message across region</li> <li>▪ Encourage behavioural change</li> <li>▪ Community or industry participation &amp; increase community pride</li> <li>▪ Assist member councils with roadside litter</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$5,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community Groups</li> <li>▪ Industry/Business</li> <li>▪ Media</li> <li>▪ Member Council Landfills</li> <li>▪ Manufacturers – signage &amp; cornstarch bags</li> </ul>

<b>Milestone 5</b>	<b>WASTE &gt; ART &amp; DESIGN COMPETITION</b>
<b>Purpose</b>	<p>2006 will be the 6th year the Waste &gt; Art &amp; Design Competition has been conducted &amp; it has become a well recognised waste reduction &amp; community arts event throughout the region of the New England &amp; North West. In celebration of the campaigns success, NIRW will design &amp; develop a 2007 Diary show casing artworks from the past 6 years.</p> <p>Waste &gt; Art &amp; Design has become important to the regional schools, as schools view this program as a vital tool in addressing curriculum requirements.</p> <p>The regional competition is an opportunity to showcase the very best artworks that capture the reduce &amp; reuse message both within the community &amp; the schools.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promote the reduction &amp; reuse of waste through school &amp; community participation</li> <li>▪ Involve businesses (as sponsors) in the delivering the waste reduction message</li> <li>▪ Increase community awareness of resource recovery &amp; waste avoidance throughout the entire region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils are limited in their staff resources to conduct the program</li> <li>▪ Program material needs to be updated each year</li> <li>▪ Sponsorship for prizes &amp; support of the program needs to be sought both locally &amp; regionally</li> <li>▪ Calendar of events to co-ordinate local competitions &amp; then regional competition needs to be developed each year</li> <li>▪ Councils are faced with issues of housing &amp; displaying the artworks</li> <li>▪ Regional Competition to only tour two locations per year</li> <li>▪ Each Council is responsible for organising &amp; freighting their Local Competition winners to the location of the Regional Competition.</li> <li>▪ NIRW is responsible for returning the Regional Competition entries to the respective NIRW member Council</li> <li>▪ For regional competition a removalist needs to be arranged to pick up &amp; deliver on schedule tour dates</li> <li>▪ Production of 2007 Diary showcasing previous competition winners over the last six years.</li> <li>▪ Diary will distribution to member councils to go on sale.</li> <li>▪ Member Councils will need to make necessary arrangements in their respective budgets to facilitate sales of diary.</li> <li>▪ Sales will be on a cost recovery basis.</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reinforce reduce &amp; reuse message within schools &amp; across communities in region</li> <li>▪ Encourage behavioural change within the community</li> <li>▪ Encourage Industry support through sponsorship</li> <li>▪ Assist Schools in meeting curriculum needs through a fun &amp; interactive program</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$55,000 (\$35,000 DEC) (\$20,000 others including member Councils)

## Resources

- Administration
- Member Councils
- community members
- up to 180 schools
- Industry/Business
- Media
- Printing Company
- Removalist & Freight companies
- Judging panel
- NIRW Website
- Council websites

<b>Milestone 6</b>	<b>REGIONAL ORGANIC WASTE STREAM MAPPING – STAGE 3</b>
<b>Purpose</b>	NIRW have undertaken Regional Organic Waste Stream Mapping for the NIRW region producing a Final Report. A synopsis of this report will be prepared for dissemination to industry & stakeholders. Active partnership building will be undertaken in the NIRW region as a means of utilising available organic wastes, identify value adding options, foster marketing investigations & facilitate sustainable use of the resource.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase waste diversion from landfill</li> <li>▪ Increase reuse of secondary resources</li> <li>▪ Reduce the use of natural resources</li> <li>▪ Improve the environment</li> <li>▪ Increase opportunities for new markets &amp; industries in the region</li> <li>▪ Increase community awareness about waste reuse</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ A synopsis of the Final Report needs to be compiled for provision to assist stakeholders with potential new economic development within the region.</li> <li>▪ Develop a strategy for regional development in relation to organic waste material</li> <li>▪ Facilitate networking opportunities between industries for information &amp; resource sharing</li> <li>▪ Explore options such as calling for expressions of interest relating to organic waste material within the region as a means of highlighting the opportunities within the region</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ New industry to the region</li> <li>▪ Diversion of organic waste from landfill</li> <li>▪ Utilisation of organic resources</li> <li>▪ Networking &amp; facilitation of industry partnerships to assist beneficial reuse of organic waste</li> </ul>
<b>Estimated Cost</b>	\$25,000 (\$15,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Consultant who undertook ROMPS Study</li> <li>▪ Member Councils</li> <li>▪ State &amp; Regional Development for assistance to Industry</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 7</b>	<b>SECOND HAND SATURDAY REGIONAL CAMPAIGN</b>
<b>Purpose</b>	A Regional Second Hand Saturday campaign across the New England & North West to coincide with the same weekend as Clean Up Australia Day (where possible). It is anticipated that the environmental message will be reinforced with the local community.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increased community awareness of reuse</li> <li>▪ Increase waste diversion rates</li> <li>▪ Decrease in council collection costs</li> <li>▪ Improve the environment</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils are limited in their staff resources to conduct the program</li> <li>▪ Program material needs to be updated each year</li> <li>▪ Program material may differ based on whether the program is run at multiple locations (resident homes) or a central location (community hall)</li> <li>▪ Sufficient notice &amp; promotion of the event needs to occur to ensure good participation rates</li> <li>▪ Local media support of the program needs to be obtained to assist in the promotion (ie community announcements)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods from landfill through reuse</li> <li>▪ Community participation &amp; response to program is favourable</li> </ul>
<b>Estimated Cost</b>	\$12,000 (\$7,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community members</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 8</b>	<b>drumMUSTER</b>
<b>Purpose</b>	A campaign aimed at increasing the amount of drums recycled through the drumMUSTER campaign in the region. A 2 year regional contract with a contractor for the collection & processing of drumMUSTER containers. Tendering process will be initiated for the group.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximise the number of crop protection &amp; animal health chemical containers collection &amp; recycled throughout the region</li> <li>▪ Protection of the environment</li> <li>▪ Provision of services by all NIRW Councils</li> <li>▪ Reduced costs to participating Councils</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Collection sites may increase or decrease</li> <li>▪ Levels of service may vary</li> <li>▪ Cater for on farm collections</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduced costs to participating Councils</li> <li>▪ Regular servicing of sites</li> <li>▪ Reduced containers to landfill through diversion</li> <li>▪ Protection of the environment</li> </ul>
<b>Estimated Cost</b>	\$10,000 (\$4,000 DEC) (\$6,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Media</li> <li>▪ Member Councils</li> <li>▪ On farm collection sites</li> <li>▪ drumMUSTER</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 9</b>	<b>REGIONAL CHEMICAL COLLECTION CAMPAIGN</b>
<b>Purpose</b>	<p>NIRW aims to continue to deliver an annual hazardous chemical collection program to member Councils throughout the region.</p> <p>The program accommodates various sectors within the region including household &amp; rural chemicals &amp; provides an efficient &amp; timely service to the respective communities to minimise public health &amp; environmental risk.</p> <p>Education will become an important part of the Chemical Collection Program in order to increase community awareness on the harmful effects that hazardous waste have on the environment.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Provide a regional service for the collection &amp; safe disposal of unwanted hazardous chemicals</li> <li>▪ Minimise the risks to the environment &amp; community health by reducing the instances of illegal dumping &amp; accidental poisoning</li> <li>▪ Reduce costs to participating Councils through regional collaboration</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing annually</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Campaign needs to be promoted effectively to ensure community utilisation</li> <li>▪ Campaign report needs to be obtained from Contractor &amp; evaluated</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduces risk to public health</li> <li>▪ Hazardous chemicals are diverted from landfills &amp; the environment</li> <li>▪ Hazardous chemicals are disposed of in a safe &amp; effective manner</li> <li>▪ Provision of annual service to community provides convenience &amp; reduced risk of inappropriate disposal</li> <li>▪ Regional contract is cost effective to member councils, funding agencies &amp; the community</li> </ul>
<b>Estimated Cost</b>	\$199,000 (\$89,000 DEC) (\$110,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Media</li> <li>▪ Member Councils</li> <li>▪ Community Members</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 10</b>	<b>REGIONAL GREENWASTE PROCESSING</b>
<b>Purpose</b>	NIRW undertakes tendering of its green waste processing requirements for member Councils for a contract period of 2 years. Concurrently, NIRW also encourages member councils to increase the amount of green waste processing in their local government area.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximised diversion of waste from landfill through resource recovery</li> <li>▪ Protection of the environment</li> <li>▪ Reduced costs to participating Councils through increased purchasing power from regional collaboration</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing every two years</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Diversion rates need to be regularly sourced from Contractor</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Greenwaste diverted from landfill</li> <li>▪ Minimum level of servicing for processing at member council sites</li> <li>▪ Quality product that member councils can sell or value add to &amp; sell</li> <li>▪ Regional contract provides better prices to member councils</li> </ul>
<b>Estimated Cost</b>	\$105,000 (\$5,000 DEC) (\$100,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 11</b>	<b>METAL WASTE &amp; BATTERY COLLECTION</b>
<b>Purpose</b>	NIRW will be tendering its Metal Waste & Battery collection requirements for a contract period of 2 years. NIRW will also encourage member councils to increase the amount of metal waste collection in their local government area & actively separates batteries for suitable disposal.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Diversion of metal waste</li> <li>▪ Protection of the environment</li> <li>▪ Provision of services to all NIRW Councils</li> <li>▪ Maximised revenue returns to participating Councils through increased supply power from regional collaboration</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing every two years</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Processing quantities need to be regularly sourced from Contractor</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Metal waste &amp; Batteries diverted from landfill</li> <li>▪ Ensures required level of servicing for member council sites</li> <li>▪ Member councils receive value in processing of metal waste &amp; collection of batteries</li> <li>▪ Regional contract provides better prices to member councils</li> </ul>
<b>Estimated Cost</b>	\$25,000 (\$5,000 DEC) (\$20,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 12</b>	<b>COMMERCIAL &amp; INDUSTRIAL RECYCLING</b>
<b>Purpose</b>	<p>According to EcoRecycle Victoria, Commercial &amp; Industrial (C&amp;I) waste accounts for approximately 24% of all waste disposed to licensed landfills. Commercial &amp; industrial waste comprises solid waste generated by the business sector as well as solid wastes created by state &amp; federal government entities, schools &amp; tertiary institutions.</p> <p>By definition C&amp;I waste does not include waste from the construction &amp; demolition (C&amp;D) sector, however the majority of C&amp;D is produced by the building industry. And although C&amp;I and C&amp;D are separate waste streams, examination of C&amp;I waste will result in cross purpose examination of both waste streams from an industry perspective. Separation &amp; recovery of C&amp;I waste is proposed to be undertaken by the majority of NIRW Councils.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To develop the 'mind set' in business &amp; industry that waste is a resource</li> <li>▪ To encourage opportunities for the reuse &amp; recycling of waste in business &amp; industry</li> <li>▪ To foster an ongoing positive &amp; proactive attitude to the management of business &amp; industry waste by NIRW Member Councils</li> <li>▪ Diversion of C&amp;I waste from landfill and reduce costs across the NIRW region</li> <li>▪ Create networking opportunities amongst Industry through the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Industry varies across the NIRW region</li> <li>▪ Member Councils capacity to accept such wastes may vary</li> <li>▪ Within member council areas MRF facilities operate differently</li> <li>▪ Within member council areas waste contractors are varied &amp; there may not be a service provider available to provide a service. Alternative options need to be available</li> <li>▪ Establishment of a regional waste service provider list for inclusion on NIRW website needs to be investigated</li> <li>▪ Investigation into the establishment of an Industry network to facilitate waste brokerage between industry needs to occur.</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Identifies various industry across the regions that maybe able to assist each other through networking opportunities</li> <li>▪ Commercial waste has often been put in the too hard basket from a council perspective &amp; this is a way to start addressing the issue regionally</li> <li>▪ Achieve efficiencies for industry in the way the manage &amp; dispose of their waste</li> <li>▪ Encourage behavioural change &amp; support within regional industry</li> <li>▪ Seek to identify potential business opportunities within the region for specialist service provision in the waste sector</li> </ul>
<b>Estimated Cost</b>	\$50,000 (\$ 30,000 DEC) (\$20,000 others including member Councils)

<b>Resources</b>	<ul style="list-style-type: none"><li>▪ Administration</li><li>▪ Consultant</li><li>▪ Member Council staff</li><li>▪ Industry</li><li>▪ Chamber of Commerce offices in the region</li><li>▪ State &amp; Regional Development</li><li>▪ NIRW Website</li></ul>
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<b>Milestone 13</b>	<b>SUSTAINABLE ON FARM WASTE MANAGEMENT</b>
<b>Purpose</b>	<p>It is proposed that the Sustainable On Farm Waste Management Program will be rolled out across the region, in partnership with the regional Catchment Management Authorities. The Program is designed to remove metal &amp; waste material from farm gullies &amp; provide access to information to improve natural resource management. The campaign will have two separate strategies:</p> <ul style="list-style-type: none"> <li>▪ NIRW – to facilitate removal of waste from eroded gullies/waterways</li> <li>▪ CMA – landholders to contact CMA about improving natural resource management &amp; provide technical advice to landholders</li> </ul>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Diversion of waste from the rural environment</li> <li>▪ Remediation of gully erosion</li> <li>▪ Education &amp; sustainability of farming practices</li> <li>▪ Encourage change of practice for waste disposal on rural properties</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Consultation with 3 CMA's will need to occur to facilitate the program across the region</li> <li>▪ Clear identification of the level of service that each CMA can provide</li> <li>▪ Relevant contact details for respective CMA's across the member council area needs to be obtained for referral of landholders</li> <li>▪ Expression of interest for metal waste collection for the project will need to be undertaken</li> <li>▪ Site inspections with metal waste contractor &amp; NIRW member council representative will need to occur</li> <li>▪ Site inspections may take some time due to landholder, contractor &amp; NIRW representative availability</li> <li>▪ Suitability of proposed project may not be viable to either the landholder or contractor but change of practice &amp; alternative education may be offered</li> <li>▪ Site may require inspection from CMA representative prior to works commencing if site is thought to be more effected if waste is removed. Time delays may occur as a result.</li> <li>▪ Investigation of other partners may need to occur relating to provision of information to the landholders &amp; potential avenues to assist landholder with obtaining natural resource management tools</li> <li>▪ Smorgon Steel are undertaking a metal waste collection program. May affect participation rates. May not be concerned about other waste in gullies or encouraging behavioural &amp; practice change</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Waste is removed from gullies &amp; waterways</li> <li>▪ Protection of the environment</li> <li>▪ Encourage behavioural change</li> <li>▪ Encourage change of farm practice</li> </ul>

<b>Estimated Cost</b>	\$25,000 (\$10,000 DEC) (\$15,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ CMA</li> <li>▪ Landholders</li> <li>▪ Industry</li> <li>▪ media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 14</b>	<b>ON FARM PLASTICS RECYCLING CAMPAIGN</b>
<b>Purpose</b>	NIRW current waste database includes basic information on the waste streams & services controlled by the Councils. The detailed mapping of plastic waste streams throughout the region will take the waste database program to the next level where it is proposed to use the database information to plan & develop integrated solutions for the region's plastic waste.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To educate the rural community to be aware of proper disposal of plastics &amp; the negative impact of this product on the environment</li> <li>▪ To develop a practical collection procedure to help minimise burying or burning of plastic product on farms</li> <li>▪ To increase collection &amp; recycling of plastic products from the rural community &amp; minimise risks to the environment</li> <li>▪ To reduce costs to NIRW Member Councils &amp; the rural community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Investigate Council services to small villages &amp; rural properties</li> <li>▪ Investigation of possible storage &amp; collection methods across region</li> <li>▪ Investigate milk run collection across the region by contractor to assess viability</li> <li>▪ Conduct trial with a small village &amp; select rural properties for recycling stations</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Plastic waste diverted from landfill</li> <li>▪ Plastic waste disposed of in a safe manner</li> <li>▪ Prevention of burning plastic waste</li> <li>▪ Possible regional collection opportunities for viability</li> <li>▪ Protection of the environment</li> </ul>
<b>Estimated Cost</b>	\$10,000 (\$5,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ Small village &amp; select rural properties</li> <li>▪ media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 15</b>	<b>USED OIL PROGRAM</b>
<b>Purpose</b>	The Product Stewardship (Oil) Act 2000 provides incentives for the recovery of used oil through a levy on each litre of oil sold & payments to appropriate oil recyclers. NIRW aim to establish appropriate infrastructure & deliver regional services to maximize the recovery of used oil within the region.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Avoiding &amp; preventing waste</li> <li>▪ Increased use of renewable &amp; recovered materials</li> <li>▪ Reduce litter &amp; illegal dumping</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Funding application to DEH needs to be prepared &amp; submitted for member councils</li> <li>▪ Identification of sites from member councils for used oil stations</li> <li>▪ Source quote for units &amp; delivery to sites</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Used oil is diverted from landfill</li> <li>▪ Used oil disposed of in a safe &amp; effective manner</li> <li>▪ Provision of service to rural community</li> <li>▪ Collaborative submission produced that member councils become available to funding without having to have made a submission individually</li> </ul>
<b>Estimated Cost</b>	\$4,000 (\$4,000 DEC) (\$20,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ DEH</li> <li>▪ Member Councils</li> <li>▪ Manufacturers</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 16</b>	<b>E WASTE (RECYCLE IT)</b>
<b>Purpose</b>	<p>Approximately 2.1 million computers entered the Australian market in 2002, adding to the 9.2 million already in use. At the same time, an estimated 3 million computers reached their end-of-life, about 1 million in NSW alone. There are limited methods of end-of-life disposal for computers. Most households &amp; small businesses place unwanted computers in storage or send them to landfill*.</p> <p>The Recycle It! Computer Collection Pilot was conducted by the Department of Environment &amp; Conservation (DEC) &amp; the Australian Information Industry Association (AIIA) in 2002.</p> <p>NIRW will seek to establish a similar program within the region partnering with an existing recycling business based within the region.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximise diversion of E waste from landfill through resource recovery</li> <li>▪ Provision of an economic service on a regional level</li> <li>▪ Protection of the environment</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils will need to store e-waste</li> <li>▪ Councils will need to pay for transportation to e-waste processing facility</li> <li>▪ Tender for contractor to provide regional collection service</li> <li>▪ Investigation to occur into other potential electronic waste that could be processed regionally</li> <li>▪ E-waste Recycling business processing capability</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods to landfill through resource recovery</li> <li>▪ Issue address from a regional perspective</li> </ul>
<b>Estimated Cost</b>	\$50,000 (\$10,000 DEC) (\$40,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community members</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 17</b>	<b>ENVIRONMENTAL SUSTAINABILITY KITS</b>
<b>Purpose</b>	<p>The NIRW Environmental Sustainability Kits will be focused on the environment &amp; waste prevention for the community. NIRW will also assist member Councils with static displays for their Council office foyers to promote NIRW programs &amp; sustainable waste management.</p> <p>The community's social, economic &amp; environmental issues are interconnected &amp; by developing a kit that focuses on these issues the local community will be encouraged to take up environmentally friendly technologies &amp; practices.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase community awareness of environmental issues</li> <li>▪ Promote creative resource reuse</li> <li>▪ Education &amp; attitudinal change of waste management</li> <li>▪ Increase NIRW profile within community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Council space will vary &amp; venues like libraries etc need to be investigated</li> <li>▪ Councils may have more than one office within their council area (ie branch offices)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods away from landfill through resource recovery</li> <li>▪ Issue address from a regional perspective</li> </ul>
<b>Estimated Cost</b>	\$10,000 (\$5,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Printing Companies</li> </ul>

<b>Milestone 18</b>	<b>REGIONAL EDUCATION PROGRAM</b>
<b>Purpose</b>	<p>The Regional Education Program will comprise a regional media campaign encompassing programs that have been developed &amp; conducted by NIRW. The aim is to promote the group of NIRW throughout the region &amp; gain further community support for the range of programs provided by member Councils.</p> <p>The media campaign will be run on local television &amp; in local newspapers. The commercials will deliver messages such as plastic bag alternatives, recycling, green waste, drumMUSTER &amp; Sustainable On Farm Waste Management.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Community awareness</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Conduct survey of local community to identify knowledge</li> <li>▪ Prepare education plan &amp; material</li> <li>▪ Develop &amp; implement regional media campaign</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Promotion of programs &amp; group</li> <li>▪ Increase support &amp; participation from community</li> <li>▪ Self review &amp; program building</li> </ul>
<b>Estimated Cost</b>	\$8,000 (\$8,000 DEC)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Survey data</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 19</b>	<b>ENVIRONMENTAL YOUTH FORUM</b>
<b>Purpose</b>	NIRW will conduct a youth forum to look at & raise environmental awareness by engaging the regional schools. Discussion focus will look at addressing syllabus requirements & general community issues about achieving a sustainable future.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop &amp; Implement a pilot program in year 1 that addresses &amp; extends beyond syllabus needs relating to environmental &amp; sustainability education.</li> <li>▪ Subsequent years program - expansion &amp; continual improvement to program</li> <li>▪ Increase awareness &amp; discussion among regional youth</li> <li>▪ Increase student &amp; teacher knowledge of avoid, reuse, recovery &amp; recycling practices</li> <li>▪ Have participating schools look at their own school environment &amp; ways that the principles of avoidance, reuse, recovery &amp; recycling can be applied</li> <li>▪ Knowledge received will be upwardly educated through participants home &amp; social influences</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Opportunity should be opened up to all regional schools</li> <li>▪ Explore collaboration between the Science expo or other school based initiatives</li> <li>▪ Possible subsidy for buses to encourage participation</li> <li>▪ Rotating workshops &amp; groups to maximise learning in smaller groups &amp; sessions focus on individual issues</li> <li>▪ Environmental issues include more than just waste &amp; issues of sustainability of water &amp; energy also need to be addressed</li> <li>▪ Pilot to target primary and/or secondary students</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ Increase knowledge of sustainability synergies between waste, energy &amp; water</li> <li>▪ Schools look at their own practices &amp; identify good practice &amp; possible areas of change</li> </ul>
<b>Estimated Cost</b>	\$30,000 (\$20,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Venue</li> <li>▪ Media</li> <li>▪ Member Councils</li> </ul>

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|  | <ul style="list-style-type: none"><li>▪ Regional Schools</li><li>▪ NIRW Website</li><li>▪ Potential partners in facilitating the program – Service Clubs, Tamworth Water Directorate (TRC), KAB</li><li>▪ Transport providers</li></ul> |
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<b>Milestone 20</b>	<b>REEL WASTE CAMPAIGN</b>
<b>Purpose</b>	<p>An anti-littering &amp; environmental awareness. Secondary students will be requested to address a particular issue identified by NIRW (ie illegal dumping or street litter).</p> <p>The campaign will be opened up to schools across the NIRW region to create an amateur television commercial addressing the identified issue. The winning entry will be professionally produced by local media &amp; aired on television over a 2 week period. The winning school will receive prizes for the school that will increase their media resources.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop &amp; Implement a program that addresses syllabus needs relating to environmental &amp; sustainability education &amp; media components</li> <li>▪ Increase awareness &amp; discussion among regional youth</li> <li>▪ Increase student &amp; teach knowledge of avoid, reuse, recovery &amp; recycling practices</li> <li>▪ Have participating schools look at their own community &amp; the issues identified to be addressed</li> <li>▪ Useful promotional tool about identified issues</li> <li>▪ Increase knowledge of NIRW programs</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Opportunity should be opened up to all regional schools</li> <li>▪ Sponsorship sought for prizes</li> <li>▪ NIRW to identify new issue to be addressed each year</li> <li>▪ How entries are submitted &amp; received</li> <li>▪ Partnerships</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ NIRW has potential resource to address particular issues</li> <li>▪ Schools look at their own communities &amp; their waste issues</li> </ul>
<b>Estimated Cost</b>	\$17,000 (\$12,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Regional Schools</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 21</b>	<b>CONSTRUCTION &amp; DEMOLITION WASTE PROCESSING</b>
<b>Purpose</b>	<p>Some member Councils have commenced Construction &amp; Demolition (C&amp;D) Waste recycling &amp; separation.</p> <p>NIRW actively promotes the benefits of the reuse of C &amp; D recycled products, such as clean fill, decorative gravel, drainage material &amp; road base to industry members throughout the region.</p> <p>NIRW aims to facilitate opportunities for all member Councils to be able to participate in a C&amp;D program in a cost effective manner.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Reduce the amount of C &amp; D Waste going to Landfill within the region</li> <li>▪ Increase the level of resource recovery services available within the region</li> <li>▪ Increase awareness within the building industry of the economic &amp; environmental benefits associated with recovery of C &amp; D Waste</li> <li>▪ Reduce the use of natural resources within the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Undertake cost benefit analysis for NIRW regional processing contract</li> <li>▪ Develop database of member Councils who diverts C&amp;D waste, materials accepted, diversion rates &amp; stockpile capacity</li> <li>▪ Produce tender specification</li> <li>▪ Liaison &amp; education of Building Industry within region to maximise potential separation &amp; recovery of materials</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce the amount of C &amp; D Waste going to Landfill within the region</li> <li>▪ Increased lifespan of landfill assets</li> <li>▪ Increase the level of resource recovery services available within the region</li> <li>▪ Increase awareness within the building industry of the economic &amp; environmental benefits associated with recovery of C &amp; D Waste</li> <li>▪ Reduce the use of natural resources within the region</li> </ul>
<b>Estimated Cost</b>	\$120,000 (\$10,000) (\$110,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Consultant</li> <li>▪ Media</li> <li>▪ Building Industry</li> <li>▪ Education Material/Literature</li> </ul>

<b>Milestone 22</b>	<b>REUSE CENTRES</b>
<b>Purpose</b>	<p>Reuse Centres are becoming popular throughout the waste management community to promote diversion of waste to landfills. Reuse Centres are often incorporated into landfill sites for ease of materials &amp; goods separation &amp; collection. Centres such as Yacannabuybeta (Tamworth Landfill), Reverse Garbage (Marrickville &amp; Katoomba), The Bower (Marrickville) and Revolve (Canberra) are just a few established &amp; successful reuse centres throughout New South Wales.</p> <p>NIRW aims increase the number of reuse centres within the region which will provide additional opportunities for reuse &amp; reducing goods going to landfill.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promoting creative resource reuse</li> <li>▪ Education &amp; attitude changes of waste management</li> <li>▪ Diverting goods to landfill</li> <li>▪ Create mutually beneficial partnerships</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Investigation into partnerships with MRF Facilities/Operators</li> <li>▪ Analysis of viability needs to be undertaken</li> <li>▪ Investigation into business &amp; marketing plan templates</li> <li>▪</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Diversion of goods from landfill</li> <li>▪ Promotion of creative reuse of resources</li> <li>▪ Potential partnership development</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$5,000 DEC) (\$15,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Partnership – MRF operators or Disability Service/Employment Service Providers</li> <li>▪ Education Material/Literature</li> </ul>

<b>Milestone 23</b>	<b>REUSE DIRECTORY &amp; WASTE SERVICE PROVIDER DIRECTORY</b>
<b>Purpose</b>	<p>A directory accessible via the NIRW website, promoting businesses that deal in reused goods through sale or purchase, has been developed. A review of this directory needs to occur annually to ensure information is current &amp; up to date. It is believed that regional promotion will raise awareness of reuse as a waste reduction method, and a network of reuse businesses will bring together business owners for greater networking and promotion opportunities.</p> <p>A directory of service providers within the waste sector needs to be developed &amp; be accessible via the NIRW website.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promotion of reuse businesses across the region</li> <li>▪ Develop an internet based reuse directory</li> <li>▪ Co-ordinate a regional reuse network or reuse businesses</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ All member Council areas need to be investigated</li> <li>▪ Survey developed to record services &amp; goods provided</li> <li>▪ Access to on NIRW website &amp; links from member Council website</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Identifies Reuse Centres</li> <li>▪ identifies Waste Service Providers</li> <li>▪ identifies Opportunities for specialist waste service providers in region</li> </ul>
<b>Estimated Cost</b>	\$2,000 (\$2,000 DEC)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Industry</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 24</b>	<b>ILLEGAL DUMPING STRATEGY</b>
<b>Purpose</b>	NIRW will be addressing the regional issue of illegal dumping. Virtually all member council's are seeking to improve management of rural landfills through supervision & restricted access. With cost for waste disposal increasing & historic service levels changing, Councils are being faced with the challenge of managing the reactionary response of illegal dumping.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop a regional strategy to address illegal dumping</li> <li>▪ Implement strategy across the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Gather data from member Councils to identify extent of problem</li> <li>▪ Development &amp; implement strategies that can include education, enforcement &amp; monitoring to achieve a reduction of illegal dumping impacts upon the environment</li> <li>▪ Value in contracting RID squad</li> <li>▪ Impress upon the community; "illegal dumping imposes a cost on everybody"</li> <li>▪ Evaluation of programs success, "how do we measure results"</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Illegal dumping occurrences reduced</li> <li>▪ Monitoring &amp; enforcement strategy developed</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$10,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ RID Squad</li> <li>▪ Education materials</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 25</b>	<b>SCHOOL EDUCATION KIT REVIEW &amp; UPDATE</b>
<b>Purpose</b>	<p>There are 160 Schools in the region of New England &amp; North West of New South Wales, consisting of primary, secondary and central schools. NIRW are dedicated to working with schools to education &amp; promote waste education programs. The School Education Kit will incorporate programs such as:-</p> <ul style="list-style-type: none"> <li>• Waste &gt; Art &amp; Design Competition</li> <li>• Litter Free Lunch</li> <li>• Waste Watchers</li> <li>• Mobile Waste Education Trailer</li> <li>• Reel Waste Campaign</li> </ul> <p>In 2004, Schools were provided with this kit. It is timely for this kit to be reviewed &amp; updated. NIRW needs to be proactive in providing information to schools to increase participation &amp; awareness about sustainable waste management.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase awareness of waste management within schools in the NIRW region</li> <li>▪ Ensure programs are scheduled in school calendar</li> <li>▪ Education &amp; attitude changes of economic, social and environmental issues</li> <li>▪ Providing life skills at an early age</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Kits supplied to all regional schools</li> <li>▪ NIRW to annually review campaigns to advise focus issues &amp; dates for campaigns &amp; competitions</li> <li>▪ Advise on campaign &amp; competition requirements needs to be outlined – ie waste&gt;art housing of artworks.</li> <li>▪ Need to ensure this information is getting through to the right people within the school ie respective teachers</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ NIRW has potential resource to address particular issues</li> <li>▪ Schools look at their own communities &amp; their waste issues</li> <li>▪ Schools can plan their school calendar &amp; address syllabus needs</li> </ul>
<b>Estimated Cost</b>	\$7,000 (\$4,000 DEC) (\$3,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ NIRW Website</li> <li>▪ Regional Schools</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 26</b>	<b>MODEL – RURAL WASTE DISPOSAL FACILITY</b>
<b>Purpose</b>	<p>Increased pressures to better manage small rural landfills has resulted in many varying initiatives being undertaken to provide ongoing waste disposal options for small or isolated rural communities.</p> <p>NIRW proposes to collate the data &amp; experiences from member Councils to identify best practice options for continued service delivery &amp; sustainable environmental management of waste in a small rural community.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase awareness of waste management issues at rural landfill sites in the NIRW region</li> <li>▪ Investigate alternative methods of managing rural landfills</li> <li>▪ Provide data from NIRW member Councils relating to best practice options</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Number of rural landfills in NIRW member Council area</li> <li>▪ Data may take some time to gather &amp; collate</li> <li>▪ Consistency in the provision of the information (ie develop template)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Assist member Councils with information on alternative management options &amp; principles</li> <li>▪ Gathering &amp; collation of data can be used in other areas</li> <li>▪ Addressing rural landfill management issues on a regional basis</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$10,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ NIRW Website</li> <li>▪ Survey materials</li> </ul>

## OVERVIEW OF MILESTONES: 2008/2009

MILE STONE	ISSUE	SECTOR	PROGRAM	FUNDING SOUGHT	ESTIMATED PROJECT VALUE
1	Regional Education Approach	Community Education	Waste Education Trailer	\$5,000	\$15,000
2	Preventing & Avoiding Waste	Community Education	Earthworks Workshops	\$5,000	\$8,000
3	Public Place Recycling	Municipal/Education	Public Place Recycling	\$15,000	\$35,000
4	Regional Approach	Community Education/Litter	Regional Litter Strategy	\$5,000	\$15,000
5	Avoid, Reduce, Reuse, Recycle	Community & School Education	Waste>Art & Design Competition	\$30,000	\$50,000
6	Increased Resource Recovery	Municipal/Organics	ROMPS – Stage 3	\$5,000	\$15,000
7	Increased Resource Recovery & Reuse	Municipal	Regional Secondhand Saturday	\$7,000	\$12,000
8	Increased Resource Recovery & Reuse	Municipal/Rural	drumMUSTER	\$4,000	\$10,000
9	Hazardous Chemical Collection	Hazardous Waste	Regional Annual Chemical Collection Campaign	\$92,000	\$222,000
10	Increased Resource Recovery/ Regional Approach	Municipal	Regional Greenwaste Processing Contract	\$5,000	\$105,000
11	Increased Resource Recovery/ Regional Approach	Municipal	Regional Metal Waste & Battery Collection Contract	\$7,000	\$27,000
12	Increase Resource Recovery/ Regional Approach	Municipal/C&I/C&D	C & I Recycling	\$18,000	\$38,000
13	Change Practice / Protect Environment	Rural	Sustainable of Farm Waste Management	\$10,000	\$25,000
14	Increased Resource	Rural/Municipal	On Farm Plastics Recycling	\$5,000	\$10,000

MILE STONE	ISSUE	SECTOR	PROGRAM	FUNDING SOUGHT	ESTIMATED PROJECT VALUE
	Recovery				
15	Increased Resource Recovery	Municipal	Used Oil Program	\$4,000	\$24,000
16	Increased Resource Recovery/ Regional Approach	Municipal	E-Waste (Recycle IT)	\$12,000	\$52,000
17	Regional Approach / Awareness	Municipal/Rural	Environmental Sustainability Kits	\$2,500	\$5,000
18	Regional Approach / Awareness	Municipal/Rural	Regional Education Program	\$9,000	\$9,000
19	Regional Approach to Sustainability	School Education	Environmental Youth Forum	\$25,000	\$35,000
20	Increase Awareness/ Avoid, Reduce, Reuse & Recycle	School Education	Reel Waste Competition	\$15,000	\$20,000
21	Increased Resource Recovery	Municipal/C&D/C&I	Regional Construction Demolition Waste Processing	\$7,000	\$120,000
22	Increased Resource Recovery	Reuse	Reuse Centres	\$0	
23	Increased Resource Recovery /	Reuse	Reuse Directory & Network	\$2,000	\$2,000
24	Avoiding & Preventing Waste	Municipal/Rural	Illegal Dumping Strategy	\$25,000	\$35,000
25	Increase awareness	School Education	School Education Kit Review & update	\$5,000	\$8,000
26	Rural Landfill Management / operation	Rural	Model – Rural Waste Disposal Facilities	\$10,000	\$20,000
			<b>Total Funding 2008/2009</b>	<b>\$329,500</b>	<b>\$917,000</b>

<b>Milestone 1</b>	<b>WASTE EDUCATION TRAILER</b>
<b>Purpose</b>	<p>Funding was received from the Environmental Trust for the construction of the Waste Education Trailer. This is a valuable resource for the region &amp; is currently being scheduled for use at agricultural &amp; trade shows, by member councils, school events &amp; at community activities.</p> <p>To ensure the effectiveness &amp; utilisation of the waste education trailer, it is essential that the trailer is kept stocked with resources that can be utilised, is widely promoted and maintained in good working order.</p> <p>NIRW Co-ordinates bookings, arranges transport to venues &amp; will assist in partnering with member councils to achieve “staffing” of the trailer.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To deliver waste education message to target groups</li> <li>▪ Ensure resources are available in the waste education trailer</li> <li>▪ Up to date literature is available in the waste education trailer</li> <li>▪ Trailer is kept in fully operational &amp; presentable order</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Literature needs to be kept up to date &amp; accurate</li> <li>▪ Quantities will need to be kept for utilisation at agriculture &amp; trade shows &amp; school education</li> <li>▪ Replacement of equipment – wear &amp; tear/damage</li> <li>▪ Trailer registration costs needs to be met</li> <li>▪ Transport to venues to be co-ordinated</li> <li>▪ Calendar of events &amp; bookings to be developed annually</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Stocked equipment means better utilisation of the waste education trailer</li> <li>▪ Information is current &amp; up to date</li> <li>▪ Bulk purchasing can provide discount</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$5,000 DEC) (\$10,000 Others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ DEC</li> <li>▪ EPA</li> <li>▪ drumMUSTER</li> <li>▪ Member Councils</li> <li>▪ Print companies</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 2</b>	<b>EARTHWORKS WORKSHOPS</b>
<b>Purpose</b>	<p>Earthworks Workshops is a community program designed to give target groups, eg. residents in Aged Care Hostels &amp; Aboriginal Communities, practical knowledge &amp; skills on a variety of environmental initiatives to undertake at home &amp; in the community. The workshops would include sessions on composting, worm farming &amp; no dig garden.</p> <p>The concept is an easy way for the target communities to build &amp; maintain a garden whilst gaining understanding &amp; knowledge &amp; practical techniques for transforming their green waste &amp; food scraps into beneficial by-products for their garden. The aim of the campaign would be to conduct workshops &amp; distribute information packs to these communities throughout the region.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Education &amp; attitudinal change in waste management</li> <li>▪ Increase community awareness of resource recovery &amp; waste avoidance throughout the entire region</li> <li>▪ Encourage the community to make waste management a part of their daily lives</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ There may be some cultural barriers that need to be taken into consideration</li> <li>▪ Physical limitations may need to be taken into consideration &amp; provide alternative options</li> <li>▪ Ensure that program content &amp; information is relevant</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change when dealing with residential organic waste</li> <li>▪ Community participation within aged care hostels &amp; aboriginal communities</li> <li>▪ Exposure of NIRW to this demographic of the community</li> </ul>
<b>Estimated Cost</b>	\$8,000 (\$5,000 DEC) (\$3,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Community Identity for program presentation</li> <li>▪ Literature on worm farms, compost &amp; no-dig gardens</li> <li>▪ Model worm farm &amp; compost bins &amp; visuals on No-dig gardens</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 3</b>	<b>PUBLIC PLACE RECYCLING</b>
<b>Purpose</b>	<p>A “Resource Recovery &amp; Litter Prevention” Manual has been developed for distribution to NIRW Member Councils for implementation in their local communities. As part of the 2006/2009 strategy, a regional events calendar will be collated to identify local events where public place recycling could be conducted. Up to 5 specific events each year will be selected from the events calendar &amp; targeted for public place recycling programs.</p> <p>Investigation into the feasibility of manufacturing a regional recycling trailer for the use by all NIRW Member Councils will also take place.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase the communities exposure, awareness &amp; participation in recycling</li> <li>▪ Improve the level of recycling services within the region</li> <li>▪ Provide standard &amp; consistent Public Place Recycling facilities throughout the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Events calendar will need to be established &amp; reviewed yearly</li> <li>▪ Selection of up to 5 events per year will need to be undertaken on a financial calendar year</li> <li>▪ Implementation of program</li> <li>▪ Modification of promotional material to suit event</li> <li>▪ Ensuring that essential equipment is available, such as suitable bins for garbage &amp; recycling</li> <li>▪ Ensuring proper identification of bins for event</li> <li>▪ Publicity of public place recycling during event will need to occur</li> <li>▪ Bin monitors maybe required to monitor &amp; prevent contamination &amp; encourage usage</li> <li>▪ Investigation into feasibility of manufacturing a regional recycling trailer for the region</li> <li>▪ Resource Recovery &amp; Litter Prevention Manual may need reviewing &amp; updating &amp; distributing</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Diverting recyclable material from landfill</li> <li>▪ Reduction in contamination</li> <li>▪ Improvement in participation</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$35,000 (\$15,000 DEC) (\$20,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Waste Education Trailer</li> <li>▪ Bin Monitor/Labour</li> <li>▪ Media</li> <li>▪ Housekeeping Notices</li> </ul>

<b>Milestone 4</b>	<b>REGIONAL LITTER STRATEGY</b>
<b>Purpose</b>	The next stage of the NIRW Regional Litter Strategy is to ensure that all elements of the campaign have been successfully implemented by the stakeholders. The ongoing monitoring of the campaign will occur during 2006/2009. A further extension to the regional litter strategy will be an investigation into the potential to expand the scope of the existing strategy to include the principles of Adopt-A-Road program & involve regional communities in assisting in litter prevention across the region. This will involve a trial on rural & regional roads within the region.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promote community awareness, knowledge &amp; understanding of littering issues &amp; how it impacts the New England &amp; North West of NSW</li> <li>▪ Facilitate litter prevention behaviour by promoting simple, practical methods for particular groups &amp; individuals in the community</li> <li>▪ Build the communities capacity to undertake activities that reduce litter in their local area, or in places identified as high litter areas</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Regional signage may need to be updated or replaced for reasons such as vandalism, visual quality</li> <li>▪ Cornstarch car litter bag promotion across the region will need to continue</li> <li>▪ Investigation into developing a program with similar principles to adopt-a-road campaign that can be implemented across the rural areas of the region.</li> <li>▪ Develop trial program on rural &amp; regional roads within the region</li> <li>▪ Councils who implement the trial/program like adopt-a-road will need to accept disposal costs for waste collected regularly</li> <li>▪ Development of suitable program materials</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reinforce Regional Litter Strategy message across region</li> <li>▪ Encourage behavioural change</li> <li>▪ Community or industry participation &amp; increase community pride</li> <li>▪ Assist member councils with roadside litter</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$5,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community Groups</li> <li>▪ Industry/Business</li> <li>▪ Media</li> <li>▪ Member Council Landfills</li> <li>▪ Manufacturers – signage &amp; cornstarch bags</li> </ul>

<b>Milestone 5</b>	<b>WASTE &gt; ART &amp; DESIGN COMPETITION</b>
<b>Purpose</b>	<p>2006 will be the 6th year the Waste &gt; Art &amp; Design Competition has been conducted &amp; it has become a well recognised waste reduction &amp; community arts event throughout the region of the New England &amp; North West. In celebration of the campaigns success, NIRW will design &amp; develop a 2007 Diary show casing artworks from the past 6 years.</p> <p>Waste &gt; Art &amp; Design has become important to the regional schools, as schools view this program as a vital tool in addressing curriculum requirements.</p> <p>The regional competition is an opportunity to showcase the very best artworks that capture the reduce &amp; reuse message both within the community &amp; the schools.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promote the reduction &amp; reuse of waste through school &amp; community participation</li> <li>▪ Involve businesses (as sponsors) in the delivering the waste reduction message</li> <li>▪ Increase community awareness of resource recovery &amp; waste avoidance throughout the entire region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils are limited in their staff resources to conduct the program</li> <li>▪ Program material needs to be updated each year</li> <li>▪ Sponsorship for prizes &amp; support of the program needs to be sought both locally &amp; regionally</li> <li>▪ Calendar of events to co-ordinate local competitions &amp; then regional competition needs to be developed each year</li> <li>▪ Councils are faced with issues of housing &amp; displaying the artworks</li> <li>▪ Regional Competition to only tour two locations per year</li> <li>▪ Each Council is responsible for organising &amp; freighting their Local Competition winners to the location of the Regional Competition.</li> <li>▪ NIRW is responsible for returning the Regional Competition entries to the respective NIRW member Council</li> <li>▪ For regional competition a removalist needs to be arranged to pick up &amp; deliver on schedule tour dates</li> <li>▪ Production of 2007 Diary showcasing previous competition winners over the last six years.</li> <li>▪ Diary will distribution to member councils to go on sale.</li> <li>▪ Member Councils will need to make necessary arrangements in their respective budgets to facilitate sales of diary.</li> <li>▪ Sales will be on a cost recovery basis.</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reinforce reduce &amp; reuse message within schools &amp; across communities in region</li> <li>▪ Encourage behavioural change within the community</li> <li>▪ Encourage Industry support through sponsorship</li> <li>▪ Assist Schools in meeting curriculum needs through a fun &amp; interactive program</li> <li>▪ Greater exposure of NIRW to regional community</li> </ul>
<b>Estimated Cost</b>	\$50,000 (\$30,000 DEC) (\$20,000 others including member Councils)

## Resources

- Administration
- Member Councils
- community members
- up to 180 schools
- Industry/Business
- Media
- Printing Company
- Removalist & Freight companies
- Judging panel
- NIRW Website
- Council websites

<b>Milestone 6</b>	<b>REGIONAL ORGANIC WASTE STREAM MAPPING – STAGE 3</b>
<b>Purpose</b>	NIRW have undertaken Regional Organic Waste Stream Mapping for the NIRW region producing a Final Report. A synopsis of this report will be prepared for dissemination to industry & stakeholders. Active partnership building will be undertaken in the NIRW region as a means of utilising available organic wastes, identify value adding options, foster marketing investigations & facilitate sustainable use of the resource.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase waste diversion from landfill</li> <li>▪ Increase reuse of secondary resources</li> <li>▪ Reduce the use of natural resources</li> <li>▪ Improve the environment</li> <li>▪ Increase opportunities for new markets &amp; industries in the region</li> <li>▪ Increase community awareness about waste reuse</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ A synopsis of the Final Report needs to be compiled for provision to assist stakeholders with potential new economic development within the region.</li> <li>▪ Develop a strategy for regional development in relation to organic waste material</li> <li>▪ Facilitate networking opportunities between industries for information &amp; resource sharing</li> <li>▪ Explore options such as calling for expressions of interest relating to organic waste material within the region as a means of highlighting the opportunities within the region</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ New industry to the region</li> <li>▪ Diversion of organic waste from landfill</li> <li>▪ Utilisation of organic resources</li> <li>▪ Networking &amp; facilitation of industry partnerships to assist beneficial reuse of organic waste</li> </ul>
<b>Estimated Cost</b>	\$15,000 (\$5,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Consultant who undertook ROMPS Study</li> <li>▪ Member Councils</li> <li>▪ State &amp; Regional Development for assistance to Industry</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 7</b>	<b>SECOND HAND SATURDAY REGIONAL CAMPAIGN</b>
<b>Purpose</b>	A Regional Second Hand Saturday campaign across the New England & North West to coincide with the same weekend as Clean Up Australia Day (where possible). It is anticipated that the environmental message will be reinforced with the local community.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increased community awareness of reuse</li> <li>▪ Increase waste diversion rates</li> <li>▪ Decrease in council collection costs</li> <li>▪ Improve the environment</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils are limited in their staff resources to conduct the program</li> <li>▪ Program material needs to be updated each year</li> <li>▪ Program material may differ based on whether the program is run at multiple locations (resident homes) or a central location (community hall)</li> <li>▪ Sufficient notice &amp; promotion of the event needs to occur to ensure good participation rates</li> <li>▪ Local media support of the program needs to be obtained to assist in the promotion (ie community announcements)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods from landfill through reuse</li> <li>▪ Community participation &amp; response to program is favourable</li> </ul>
<b>Estimated Cost</b>	\$12,000 (\$7,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community members</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 8</b>	<b>drumMUSTER</b>
<b>Purpose</b>	A campaign aimed at increasing the amount of drums recycled through the drumMUSTER campaign in the region. A 2 year regional contract with a contractor for the collection & processing of drumMUSTER containers. Tendering process will be initiated for the group.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximise the number of crop protection &amp; animal health chemical containers collection &amp; recycled throughout the region</li> <li>▪ Protection of the environment</li> <li>▪ Provision of services by all NIRW Councils</li> <li>▪ Reduced costs to participating Councils</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Collection sites may increase or decrease</li> <li>▪ Levels of service may vary</li> <li>▪ Cater for on farm collections</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduced costs to participating Councils</li> <li>▪ Regular servicing of sites</li> <li>▪ Reduced containers to landfill through diversion</li> <li>▪ Protection of the environment</li> </ul>
<b>Estimated Cost</b>	\$10,000 (\$4,000 DEC) (\$6,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Media</li> <li>▪ Member Councils</li> <li>▪ On farm collection sites</li> <li>▪ drumMUSTER</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 9</b>	<b>REGIONAL CHEMICAL COLLECTION CAMPAIGN</b>
<b>Purpose</b>	<p>NIRW aims to continue to deliver an annual hazardous chemical collection program to member Councils throughout the region.</p> <p>The program accommodates various sectors within the region including household &amp; rural chemicals &amp; provides an efficient &amp; timely service to the respective communities to minimise public health &amp; environmental risk.</p> <p>Education will become an important part of the Chemical Collection Program in order to increase community awareness on the harmful effects that hazardous waste have on the environment.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Provide a regional service for the collection &amp; safe disposal of unwanted hazardous chemicals</li> <li>▪ Minimise the risks to the environment &amp; community health by reducing the instances of illegal dumping &amp; accidental poisoning</li> <li>▪ Reduce costs to participating Councils through regional collaboration</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing annually</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Campaign needs to be promoted effectively to ensure community utilisation</li> <li>▪ Campaign report needs to be obtained from Contractor &amp; evaluated</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduces risk to public health</li> <li>▪ Hazardous chemicals are diverted from landfills &amp; the environment</li> <li>▪ Hazardous chemicals are disposed of in a safe &amp; effective manner</li> <li>▪ Provision of annual service to community provides convenience &amp; reduced risk of inappropriate disposal</li> <li>▪ Regional contract is cost effective to member councils, funding agencies &amp; the community</li> </ul>
<b>Estimated Cost</b>	\$222,000 (\$92,000 DEC) (\$120,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Media</li> <li>▪ Member Councils</li> <li>▪ Community Members</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 10</b>	<b>REGIONAL GREENWASTE PROCESSING</b>
<b>Purpose</b>	NIRW undertakes tendering of its green waste processing requirements for member Councils for a contract period of 2 years. Concurrently, NIRW also encourages member councils to increase the amount of green waste processing in their local government area.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximised diversion of waste from landfill through resource recovery</li> <li>▪ Protection of the environment</li> <li>▪ Reduced costs to participating Councils through increased purchasing power from regional collaboration</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing every two years</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Diversion rates need to be regularly sourced from Contractor</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Greenwaste diverted from landfill</li> <li>▪ Minimum level of servicing for processing at member council sites</li> <li>▪ Quality product that member councils can sell or value add to &amp; sell</li> <li>▪ Regional contract provides better prices to member councils</li> </ul>
<b>Estimated Cost</b>	\$105,000 (\$5,000 DEC) (\$100,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 11</b>	<b>METAL WASTE &amp; BATTERY COLLECTION</b>
<b>Purpose</b>	NIRW will be tendering its Metal Waste & Battery collection requirements for a contract period of 2 years. NIRW will also encourage member councils to increase the amount of metal waste collection in their local government area & actively separates batteries for suitable disposal.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Diversion of metal waste</li> <li>▪ Protection of the environment</li> <li>▪ Provision of services to all NIRW Councils</li> <li>▪ Maximised revenue returns to participating Councils through increased supply power from regional collaboration</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Contract documentation needs reviewing every two years</li> <li>▪ Levels of service need to be realistic</li> <li>▪ Processing quantities need to be regularly sourced from Contractor</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Metal waste &amp; Batteries diverted from landfill</li> <li>▪ Ensures required level of servicing for member council sites</li> <li>▪ Member councils receive value in processing of metal waste &amp; collection of batteries</li> <li>▪ Regional contract provides better prices to member councils</li> </ul>
<b>Estimated Cost</b>	\$27,000 (\$7,000 DEC) (\$20,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 12</b>	<b>COMMERCIAL &amp; INDUSTRIAL RECYCLING</b>
<b>Purpose</b>	<p>According to EcoRecycle Victoria, Commercial &amp; Industrial (C&amp;I) waste accounts for approximately 24% of all waste disposed to licensed landfills. Commercial &amp; industrial waste comprises solid waste generated by the business sector as well as solid wastes created by state &amp; federal government entities, schools &amp; tertiary institutions.</p> <p>By definition C&amp;I waste does not include waste from the construction &amp; demolition (C&amp;D) sector, however the majority of C&amp;D is produced by the building industry. And although C&amp;I and C&amp;D are separate waste streams, examination of C&amp;I waste will result in cross purpose examination of both waste streams from an industry perspective. Separation &amp; recovery of C&amp;I waste is proposed to be undertaken by the majority of NIRW Councils.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To develop the 'mind set' in business &amp; industry that waste is a resource</li> <li>▪ To encourage opportunities for the reuse &amp; recycling of waste in business &amp; industry</li> <li>▪ To foster an ongoing positive &amp; proactive attitude to the management of business &amp; industry waste by NIRW Member Councils</li> <li>▪ Diversion of C&amp;I waste from landfill and reduce costs across the NIRW region</li> <li>▪ Create networking opportunities amongst Industry through the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Industry varies across the NIRW region</li> <li>▪ Member Councils capacity to accept such wastes may vary</li> <li>▪ Within member council areas MRF facilities operate differently</li> <li>▪ Within member council areas waste contractors are varied &amp; there may not be a service provider available to provide a service. Alternative options need to be available</li> <li>▪ Establishment of a regional waste service provider list for inclusion on NIRW website needs to be investigated</li> <li>▪ Investigation into the establishment of an Industry network to facilitate waste brokerage between industry needs to occur.</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Identifies various industry across the regions that maybe able to assist each other through networking opportunities</li> <li>▪ Commercial waste has often been put in the too hard basket from a council perspective &amp; this is a way to start addressing the issue regionally</li> <li>▪ Achieve efficiencies for industry in the way the manage &amp; dispose of their waste</li> <li>▪ Encourage behavioural change &amp; support within regional industry</li> <li>▪ Seek to identify potential business opportunities within the region for specialist service provision in the waste sector</li> </ul>
<b>Estimated Cost</b>	\$38,000 (\$18,000 DEC) (\$20,000 others including member Councils)

<b>Resources</b>	<ul style="list-style-type: none"><li>▪ Administration</li><li>▪ Consultant</li><li>▪ Member Council staff</li><li>▪ Industry</li><li>▪ Chamber of Commerce offices in the region</li><li>▪ State &amp; Regional Development</li><li>▪ NIRW Website</li></ul>
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<b>Milestone 13</b>	<b>SUSTAINABLE ON FARM WASTE MANAGEMENT</b>
<b>Purpose</b>	<p>It is proposed that the Sustainable On Farm Waste Management Program will be rolled out across the region, in partnership with the regional Catchment Management Authorities. The Program is designed to remove metal &amp; waste material from farm gullies &amp; provide access to information to improve natural resource management. The campaign will have two separate strategies:</p> <ul style="list-style-type: none"> <li>▪ NIRW – to facilitate removal of waste from eroded gullies/waterways</li> <li>▪ CMA – landholders to contact CMA about improving natural resource management &amp; provide technical advice to landholders</li> </ul>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Diversion of waste from the rural environment</li> <li>▪ Remediation of gully erosion</li> <li>▪ Education &amp; sustainability of farming practices</li> <li>▪ Encourage change of practice for waste disposal on rural properties</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Consultation with 3 CMA's will need to occur to facilitate the program across the region</li> <li>▪ Clear identification of the level of service that each CMA can provide</li> <li>▪ Relevant contact details for respective CMA's across the member council area needs to be obtained for referral of landholders</li> <li>▪ Expression of interest for metal waste collection for the project will need to be undertaken</li> <li>▪ Site inspections with metal waste contractor &amp; NIRW member council representative will need to occur</li> <li>▪ Site inspections may take some time due to landholder, contractor &amp; NIRW representative availability</li> <li>▪ Suitability of proposed project may not be viable to either the landholder or contractor but change of practice &amp; alternative education may be offered</li> <li>▪ Site may require inspection from CMA representative prior to works commencing if site is thought to be more effected if waste is removed. Time delays may occur as a result.</li> <li>▪ Investigation of other partners may need to occur relating to provision of information to the landholders &amp; potential avenues to assist landholder with obtaining natural resource management tools</li> <li>▪ Smorgon Steel are undertaking a metal waste collection program. May affect participation rates. May not be concerned about other waste in gullies or encouraging behavioural &amp; practice change</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Waste is removed from gullies &amp; waterways</li> <li>▪ Protection of the environment</li> <li>▪ Encourage behavioural change</li> <li>▪ Encourage change of farm practice</li> </ul>

<b>Estimated Cost</b>	\$25,000 (\$10,000 DEC) (\$15,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ CMA</li> <li>▪ Landholders</li> <li>▪ Industry</li> <li>▪ media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 14</b>	<b>ON FARM PLASTICS RECYCLING CAMPAIGN</b>
<b>Purpose</b>	NIRW current waste database includes basic information on the waste streams & services controlled by the Councils. The detailed mapping of plastic waste streams throughout the region will take the waste database program to the next level where it is proposed to use the database information to plan & develop integrated solutions for the region's plastic waste.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ To educate the rural community to be aware of proper disposal of plastics &amp; the negative impact of this product on the environment</li> <li>▪ To develop a practical collection procedure to help minimise burying or burning of plastic product on farms</li> <li>▪ To increase collection &amp; recycling of plastic products from the rural community &amp; minimise risks to the environment</li> <li>▪ To reduce costs to NIRW Member Councils &amp; the rural community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Investigate Council services to small villages &amp; rural properties</li> <li>▪ Investigation of possible storage &amp; collection methods across region</li> <li>▪ Investigate milk run collection across the region by contractor to assess viability</li> <li>▪ Conduct trial with a small village &amp; select rural properties for recycling stations</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Plastic waste diverted from landfill</li> <li>▪ Plastic waste disposed of in a safe manner</li> <li>▪ Prevention of burning plastic waste</li> <li>▪ Possible regional collection opportunities for viability</li> <li>▪ Protection of the environment</li> </ul>
<b>Estimated Cost</b>	\$10,000 (\$5,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Contractor</li> <li>▪ Member Council staff</li> <li>▪ Member Council landfill</li> <li>▪ Small village &amp; select rural properties</li> <li>▪ media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 15</b>	<b>USED OIL PROGRAM</b>
<b>Purpose</b>	The Product Stewardship (Oil) Act 2000 provides incentives for the recovery of used oil through a levy on each litre of oil sold & payments to appropriate oil recyclers. NIRW aim to establish appropriate infrastructure & deliver regional services to maximize the recovery of used oil within the region.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Avoiding &amp; preventing waste</li> <li>▪ Increased use of renewable &amp; recovered materials</li> <li>▪ Reduce litter &amp; illegal dumping</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Funding application to DEH needs to be prepared &amp; submitted for member councils</li> <li>▪ Identification of sites from member councils for used oil stations</li> <li>▪ Source quote for units &amp; delivery to sites</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Used oil is diverted from landfill</li> <li>▪ Used oil disposed of in a safe &amp; effective manner</li> <li>▪ Provision of service to rural community</li> <li>▪ Collaborative submission produced that member councils become available to funding without having to have made a submission individually</li> </ul>
<b>Estimated Cost</b>	\$24,000 (\$4,000 DEC) (\$20,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ DEH</li> <li>▪ Member Councils</li> <li>▪ Manufacturers</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 16</b>	<b>E WASTE (RECYCLE IT)</b>
<b>Purpose</b>	<p>Approximately 2.1 million computers entered the Australian market in 2002, adding to the 9.2 million already in use. At the same time, an estimated 3 million computers reached their end-of-life, about 1 million in NSW alone. There are limited methods of end-of-life disposal for computers. Most households &amp; small businesses place unwanted computers in storage or send them to landfill*.</p> <p>The Recycle It! Computer Collection Pilot was conducted by the Department of Environment &amp; Conservation (DEC) &amp; the Australian Information Industry Association (AIIA) in 2002.</p> <p>NIRW will seek to establish a similar program within the region partnering with an existing recycling business based within the region.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Maximise diversion of E waste from landfill through resource recovery</li> <li>▪ Provision of an economic service on a regional level</li> <li>▪ Protection of the environment</li> <li>▪ Access to resource recovery services for the entire regional community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Councils will need to store e-waste</li> <li>▪ Councils will need to pay for transportation to e-waste processing facility</li> <li>▪ Tender for contractor to provide regional collection service</li> <li>▪ Investigation to occur into other potential electronic waste that could be processed regionally</li> <li>▪ E-waste Recycling business processing capability</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods to landfill through resource recovery</li> <li>▪ Issue address from a regional perspective</li> </ul>
<b>Estimated Cost</b>	\$52,000 (\$12,000 DEC) (\$40,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Community members</li> <li>▪ Media</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 17</b>	<b>ENVIRONMENTAL SUSTAINABILITY KITS</b>
<b>Purpose</b>	<p>The NIRW Environmental Sustainability Kits will be focused on the environment &amp; waste prevention for the community. NIRW will also assist member Councils with static displays for their Council office foyers to promote NIRW programs &amp; sustainable waste management.</p> <p>The community's social, economic &amp; environmental issues are interconnected &amp; by developing a kit that focuses on these issues the local community will be encouraged to take up environmentally friendly technologies &amp; practices.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase community awareness of environmental issues</li> <li>▪ Promote creative resource reuse</li> <li>▪ Education &amp; attitudinal change of waste management</li> <li>▪ Increase NIRW profile within community</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Council space will vary &amp; venues like libraries etc need to be investigated</li> <li>▪ Councils may have more than one office within their council area (ie branch offices)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce &amp; Reuse message reinforced</li> <li>▪ Assist member councils in diverting goods away from landfill through resource recovery</li> <li>▪ Issue address from a regional perspective</li> </ul>
<b>Estimated Cost</b>	\$5,000 (\$2,500 DEC) (\$2,500 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Printing Companies</li> </ul>

<b>Milestone 18</b>	<b>REGIONAL EDUCATION PROGRAM</b>
<b>Purpose</b>	<p>The Regional Education Program will comprise a regional media campaign encompassing programs that have been developed &amp; conducted by NIRW. The aim is to promote the group of NIRW throughout the region &amp; gain further community support for the range of programs provided by member Councils.</p> <p>The media campaign will be run on local television &amp; in local newspapers. The commercials will deliver messages such as plastic bag alternatives, recycling, green waste, drumMUSTER &amp; Sustainable On Farm Waste Management.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Community awareness</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Conduct survey of local community to identify knowledge</li> <li>▪ Prepare education plan &amp; material</li> <li>▪ Develop &amp; implement regional media campaign</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Promotion of programs &amp; group</li> <li>▪ Increase support &amp; participation from community</li> <li>▪ Self review &amp; program building</li> </ul>
<b>Estimated Cost</b>	\$9,000 (\$9,000 DEC)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Survey data</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 19</b>	<b>ENVIRONMENTAL YOUTH FORUM</b>
<b>Purpose</b>	NIRW will conduct a youth forum to look at & raise environmental awareness by engaging the regional schools. Discussion focus will look at addressing syllabus requirements & general community issues about achieving a sustainable future.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop &amp; Implement a pilot program in year 1 that addresses &amp; extends beyond syllabus needs relating to environmental &amp; sustainability education.</li> <li>▪ Subsequent years program - expansion &amp; continual improvement to program</li> <li>▪ Increase awareness &amp; discussion among regional youth</li> <li>▪ Increase student &amp; teacher knowledge of avoid, reuse, recovery &amp; recycling practices</li> <li>▪ Have participating schools look at their own school environment &amp; ways that the principles of avoidance, reuse, recovery &amp; recycling can be applied</li> <li>▪ Knowledge received will be upwardly educated through participants home &amp; social influences</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Opportunity should be opened up to all regional schools</li> <li>▪ Explore collaboration between the Science expo or other school based initiatives</li> <li>▪ Possible subsidy for buses to encourage participation</li> <li>▪ Rotating workshops &amp; groups to maximise learning in smaller groups &amp; sessions focus on individual issues</li> <li>▪ Environmental issues include more than just waste &amp; issues of sustainability of water &amp; energy also need to be addressed</li> <li>▪ Pilot to target primary and/or secondary students</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ Increase knowledge of sustainability synergies between waste, energy &amp; water</li> <li>▪ Schools look at their own practices &amp; identify good practice &amp; possible areas of change</li> </ul>
<b>Estimated Cost</b>	\$35,000 (\$25,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Venue</li> <li>▪ Media</li> <li>▪ Member Councils</li> </ul>

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|  | <ul style="list-style-type: none"><li>▪ Regional Schools</li><li>▪ NIRW Website</li><li>▪ Potential partners in facilitating the program – Service Clubs, Tamworth Water Directorate (TRC), KAB</li><li>▪ Transport providers</li></ul> |
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<b>Milestone 20</b>	<b>REEL WASTE CAMPAIGN</b>
<b>Purpose</b>	<p>An anti-littering &amp; environmental awareness. Secondary students will be requested to address a particular issue identified by NIRW (ie illegal dumping or street litter).</p> <p>The campaign will be opened up to schools across the NIRW region to create an amateur television commercial addressing the identified issue. The winning entry will be professionally produced by local media &amp; aired on television over a 2 week period. The winning school will receive prizes for the school that will increase their media resources.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop &amp; Implement a program that addresses syllabus needs relating to environmental &amp; sustainability education &amp; media components</li> <li>▪ Increase awareness &amp; discussion among regional youth</li> <li>▪ Increase student &amp; teach knowledge of avoid, reuse, recovery &amp; recycling practices</li> <li>▪ Have participating schools look at their own community &amp; the issues identified to be addressed</li> <li>▪ Useful promotional tool about identified issues</li> <li>▪ Increase knowledge of NIRW programs</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Opportunity should be opened up to all regional schools</li> <li>▪ Sponsorship sought for prizes</li> <li>▪ NIRW to identify new issue to be addressed each year</li> <li>▪ How entries are submitted &amp; received</li> <li>▪ Partnerships</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ NIRW has potential resource to address particular issues</li> <li>▪ Schools look at their own communities &amp; their waste issues</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$15,000 DEC) (\$5,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Media</li> <li>▪ NIRW Website</li> <li>▪ Regional Schools</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 21</b>	<b>CONSTRUCTION &amp; DEMOLITION WASTE PROCESSING</b>
<b>Purpose</b>	<p>Some member Councils have commenced Construction &amp; Demolition (C&amp;D) Waste recycling &amp; separation.</p> <p>NIRW actively promotes the benefits of the reuse of C &amp; D recycled products, such as clean fill, decorative gravel, drainage material &amp; road base to industry members throughout the region.</p> <p>NIRW aims to facilitate opportunities for all member Councils to be able to participate in a C&amp;D program in a cost effective manner.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Reduce the amount of C &amp; D Waste going to Landfill within the region</li> <li>▪ Increase the level of resource recovery services available within the region</li> <li>▪ Increase awareness within the building industry of the economic &amp; environmental benefits associated with recovery of C &amp; D Waste</li> <li>▪ Reduce the use of natural resources within the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Undertake cost benefit analysis for NIRW regional processing contract</li> <li>▪ Develop database of member Councils who diverts C&amp;D waste, materials accepted, diversion rates &amp; stockpile capacity</li> <li>▪ Produce tender specification</li> <li>▪ Liaison &amp; education of Building Industry within region to maximise potential separation &amp; recovery of materials</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Reduce the amount of C &amp; D Waste going to Landfill within the region</li> <li>▪ Increased lifespan of landfill assets</li> <li>▪ Increase the level of resource recovery services available within the region</li> <li>▪ Increase awareness within the building industry of the economic &amp; environmental benefits associated with recovery of C &amp; D Waste</li> <li>▪ Reduce the use of natural resources within the region</li> </ul>
<b>Estimated Cost</b>	\$120,000 (\$7,000) (\$113,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Consultant</li> <li>▪ Media</li> <li>▪ Building Industry</li> <li>▪ Education Material/Literature</li> </ul>

<b>Milestone 22</b>	<b>REUSE CENTRES</b>
<b>Purpose</b>	<p>Reuse Centres are becoming popular throughout the waste management community to promote diversion of waste to landfills. Reuse Centres are often incorporated into landfill sites for ease of materials &amp; goods separation &amp; collection. Centres such as Yacannabuybeta (Tamworth Landfill), Reverse Garbage (Marrickville &amp; Katoomba), The Bower (Marrickville) and Revolve (Canberra) are just a few established &amp; successful reuse centres throughout New South Wales.</p> <p>NIRW aims increase the number of reuse centres within the region which will provide additional opportunities for reuse &amp; reducing goods going to landfill.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promoting creative resource reuse</li> <li>▪ Education &amp; attitude changes of waste management</li> <li>▪ Diverting goods to landfill</li> <li>▪ Create mutually beneficial partnerships</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Investigation into partnerships with MRF Facilities/Operators</li> <li>▪ Analysis of viability needs to be undertaken</li> <li>▪ Investigation into business &amp; marketing plan templates</li> <li>▪</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Diversion of goods from landfill</li> <li>▪ Promotion of creative reuse of resources</li> <li>▪ Potential partnership development</li> </ul>
<b>Estimated Cost</b>	
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Partnership – MRF operators or Disability Service/Employment Service Providers</li> <li>▪ Education Material/Literature</li> </ul>

<b>Milestone 23</b>	<b>REUSE DIRECTORY &amp; WASTE SERVICE PROVIDER DIRECTORY</b>
<b>Purpose</b>	<p>A directory accessible via the NIRW website, promoting businesses that deal in reused goods through sale or purchase, has been developed. A review of this directory needs to occur annually to ensure information is current &amp; up to date. It is believed that regional promotion will raise awareness of reuse as a waste reduction method, and a network of reuse businesses will bring together business owners for greater networking and promotion opportunities.</p> <p>A directory of service providers within the waste sector needs to be developed &amp; be accessible via the NIRW website.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Promotion of reuse businesses across the region</li> <li>▪ Develop an internet based reuse directory</li> <li>▪ Co-ordinate a regional reuse network or reuse businesses</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ All member Council areas need to be investigated</li> <li>▪ Survey developed to record services &amp; goods provided</li> <li>▪ Access to on NIRW website &amp; links from member Council website</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Identifies Reuse Centres</li> <li>▪ identifies Waste Service Providers</li> <li>▪ identifies Opportunities for specialist waste service providers in region</li> </ul>
<b>Estimated Cost</b>	\$2,000 (\$2,000 DEC)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ Industry</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 24</b>	<b>ILLEGAL DUMPING STRATEGY</b>
<b>Purpose</b>	NIRW will be addressing the regional issue of illegal dumping. Virtually all member council's are seeking to improve management of rural landfills through supervision & restricted access. With cost for waste disposal increasing & historic service levels changing, Councils are being faced with the challenge of managing the reactionary response of illegal dumping.
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Develop a regional strategy to address illegal dumping</li> <li>▪ Implement strategy across the region</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Gather data from member Councils to identify extent of problem</li> <li>▪ Development &amp; implement strategies that can include education, enforcement &amp; monitoring to achieve a reduction of illegal dumping impacts upon the environment</li> <li>▪ Value in contracting RID squad</li> <li>▪ Impress upon the community; "illegal dumping imposes a cost on everybody"</li> <li>▪ Evaluation of programs success, "how do we measure results"</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Protection of the environment</li> <li>▪ Illegal dumping occurrences reduced</li> <li>▪ Monitoring &amp; enforcement strategy developed</li> </ul>
<b>Estimated Cost</b>	\$35,000 (\$25,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ RID Squad</li> <li>▪ Education materials</li> <li>▪ NIRW Website</li> </ul>

<b>Milestone 25</b>	<b>SCHOOL EDUCATION KIT REVIEW &amp; UPDATE</b>
<b>Purpose</b>	<p>There are 160 Schools in the region of New England &amp; North West of New South Wales, consisting of primary, secondary and central schools. NIRW are dedicated to working with schools to education &amp; promote waste education programs. The School Education Kit will incorporate programs such as:-</p> <ul style="list-style-type: none"> <li>• Waste &gt; Art &amp; Design Competition</li> <li>• Litter Free Lunch</li> <li>• Waste Watchers</li> <li>• Mobile Waste Education Trailer</li> <li>• Reel Waste Campaign</li> </ul> <p>In 2004, Schools were provided with this kit. It is timely for this kit to be reviewed &amp; updated. NIRW needs to be proactive in providing information to schools to increase participation &amp; awareness about sustainable waste management.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase awareness of waste management within schools in the NIRW region</li> <li>▪ Ensure programs are scheduled in school calendar</li> <li>▪ Education &amp; attitude changes of economic, social and environmental issues</li> <li>▪ Providing life skills at an early age</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Schools will need to be contacted early for planning purposes</li> <li>▪ Kits supplied to all regional schools</li> <li>▪ NIRW to annually review campaigns to advise focus issues &amp; dates for campaigns &amp; competitions</li> <li>▪ Advise on campaign &amp; competition requirements needs to be outlined – ie waste&gt;art housing of artworks.</li> <li>▪ Need to ensure this information is getting through to the right people within the school ie respective teachers</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Encourage behavioural change</li> <li>▪ Increase general environmental awareness</li> <li>▪ Increase knowledge of NIRW</li> <li>▪ NIRW has potential resource to address particular issues</li> <li>▪ Schools look at their own communities &amp; their waste issues</li> <li>▪ Schools can plan their school calendar &amp; address syllabus needs</li> </ul>
<b>Estimated Cost</b>	\$8,000 (\$5,000 DEC) (\$3,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ NIRW Website</li> <li>▪ Regional Schools</li> <li>▪ Promotional material</li> </ul>

<b>Milestone 26</b>	<b>MODEL – RURAL WASTE DISPOSAL FACILITY</b>
<b>Purpose</b>	<p>Increased pressures to better manage small rural landfills has resulted in many varying initiatives being undertaken to provide ongoing waste disposal options for small or isolated rural communities.</p> <p>NIRW proposes to collate the data &amp; experiences from member Councils to identify best practice options for continued service delivery &amp; sustainable environmental management of waste in a small rural community.</p>
<b>Aims &amp; Objectives</b>	<ul style="list-style-type: none"> <li>▪ Increase awareness of waste management issues at rural landfill sites in the NIRW region</li> <li>▪ Investigate alternative methods of managing rural landfills</li> <li>▪ Provide data from NIRW member Councils relating to best practice options</li> </ul>
<b>Consideration</b>	<ul style="list-style-type: none"> <li>▪ Number of rural landfills in NIRW member Council area</li> <li>▪ Data may take some time to gather &amp; collate</li> <li>▪ Consistency in the provision of the information (ie develop template)</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>▪ Assist member Councils with information on alternative management options &amp; principles</li> <li>▪ Gathering &amp; collation of data can be used in other areas</li> <li>▪ Addressing rural landfill management issues on a regional basis</li> </ul>
<b>Estimated Cost</b>	\$20,000 (\$10,000 DEC) (\$10,000 others including member Councils)
<b>Resources</b>	<ul style="list-style-type: none"> <li>▪ Administration</li> <li>▪ Member Councils</li> <li>▪ NIRW Website</li> <li>▪ Survey materials</li> </ul>