

2006 Annual Report
for Action plan covering the period
July 2005 to June 2008

**The National Packaging
Covenant**

Environmental Protection Agency



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1.0 EXECUTIVE SUMMARY

In late September 2005 the Queensland Government became a signatory to the strengthened National Packaging Covenant (the Covenant) thereby endorsing its commitment to the Covenant and to the need for effective management of used packaging materials across this state. As part of its obligations under the Covenant the Government committed \$2.7 million over the next five years, as matching industry funding, to promote projects that will benefit Queensland and further improve on its record of managing used packaging materials. In addition a position of Program manager for the Covenant in Queensland will continue to be provided.

Due to continuing population pressures on Queensland the generation of used packaging materials in the waste stream is increasing. However it is pleasing to note that local government recycling rates are also increasing due to more Queenslanders being given the opportunity to use best practice kerbside recycling systems. Over the last two years recycling yields have increased by 18% and 12% respectively with total yields reaching 224,000 tonnes in 2005/2006. These increases have occurred in local government areas where recycling systems now reflect Australian best practice. Project funding (up to \$200,000) was awarded to these Councils under Covenant Mark 1.

The Queensland Jurisdictional Projects Group (JPG) has been very active over the last 12 months in that it has promoted and overseen a number of projects. These projects include:

- a) the Queensland Used Glass Sourcing Study;
- b) the Away from Home Recycling Infrastructure and Behaviour Trials in large shopping centres;
- c) Public Place Recycling Glass Trial, Toowoomba & Port Douglas;
- (d) Central Queensland Local Government Association (CQLGA) Regional Integrated Packaging Recycling Initiative;
- (e) National Economic Analysis of Public Place Recycling (PPR) Systems; and
- (f) Public Event Recycling Systems

It has been acknowledged by the National Projects Group that the Queensland JPG has been the leading state among the jurisdictions to promote and submit project proposals under the strengthened Covenant.

To assist more of the community to use re-usable bags for shopping, the EPA has established a grant program for Chambers of Commerce and Local Councils in Queensland to initiate “Say NO to plastic bags” campaigns in their area. \$100,000, encompassing twenty grants, have been set aside for this campaign. To receive the starter funding organisations will need to demonstrate the longevity of their campaigns. To date one organisation has received funds and another thirteen organisations are in the process of receiving funds.

The EPA has also been active in regard to enforcement of the NEPM for used packaging materials. Initial work has seen twenty two letters sent to organisations who had not re-signed to the Covenant. From these letters seven organisations have become Covenant signatories, one organisation has merged its operations (and will sign), two organisations have closed, two organisations are not legally required to be signatories and ten organisations will be considered for Compliance Notices.

To ensure that the 2005 – 2008 Action Plan is current, the Plan will be amended to reflect new time frames for some initiatives that have not been achieved and also to outline new challenging projects that will emanate from the glass study and other projects.

2.0 INTRODUCTION

This is the Queensland Government's 2006 annual report for the July 2005 to June 2008 Action plan under the strengthened National Packaging Covenant. This report has been developed as part of the Queensland Government's ongoing obligation as a signatory to the Covenant.

This report focuses on the status of new initiatives to improve packaging waste management in Queensland within industry and State and Local Government sectors. Due to Queensland's diverse area, new initiatives are focussed on seeking efficiency gains in recycling of glass as well as vastly improved recovery of all packaging resources in the commercial and industrial sector. The glass sourcing study revealed some challenges that industry and government must overcome if the indicative glass recycling targets of the Covenant are to be met in Queensland by 2010.

Role of the Queensland Government in the National Packaging Covenant

The Queensland Government is an original signatory to the Covenant with the then Minister for Environment and Heritage, the Hon. Rod Welford MP, signing the original Covenant document in August 1999. The then Minister for Environment, the Hon. Desley Boyle MP, re-signed to the strengthened Covenant in late September 2005. The Environmental Protection Agency (EPA) is charged with implementing the Covenant on behalf of the Queensland Government, developing a 3 year Action Plan and providing Annual Performance Reports relating to the Action Plan. The EPA sees the National Packaging Covenant as a frontrunner in the product stewardship of valuable resources using a co-regulatory framework to ensure best practice environmental management of packaging materials throughout the whole of its lifecycle. The EPA also endorses that a co-operative approach between industry and all spheres of government is essential to achieving national consistency in the lifecycle management of packaging and paper and the implementation of sustainable recycling systems.

Under the Covenant the Queensland Government sees its role as:

- participating in the production of reliable data on a national basis on the performance of disposal and materials recovery systems dealing with used consumer packaging and paper and providing all relevant data to the Covenant Council to assist it in reporting against Covenant goals and targets;
- implementing the NEPM for Used Packaging Materials, incorporating a regulatory safety net for those parties who decide against becoming signatories to the Covenant to ensure they do not gain a competitive advantage or those signatories who are deemed non-compliant by the Covenant Council;
- identifying and seeking to remove barriers to the purchase of recycled content goods and services;
- developing consistent and harmonious policies and systems for the management and disposal of used packaging;
- promoting, supporting and funding market development initiatives; and

- working with industry to provide high quality community education on the life cycle management of packaging;

3.0 ACHIEVEMENTS IN MANAGING PACKAGING WASTE IN QUEENSLAND

3.1 2005-2006 Local Government Recycling

Waste disposal continues to be a major concern of the Queensland Government as waste collection and disposal costs continue to escalate. Community concern about the impact and cost of waste management is also growing with added pressures for industry and government action to better manage this waste through the development of appropriate re-use and recycling strategies and clear options for disposal.

The generation of used packaging materials in the waste stream continues to increase however local government recycling rates are also increasing due to more Queenslanders being given the opportunity to use best practice kerbside recycling systems. These systems that were awarded funds under Covenant Mark 1 are now producing good recycling outcomes in that in all cases yields have at least doubled with low contamination rates. In addition to best practice recycling infrastructure and model contracts, the success of the systems can also be explained by the effective waste and recycling community awareness programs operated by local councils. The success of kerbside recycling systems in Queensland has seen councils also implementing public place recycling systems to provide an integrated, holistic recycling service to its community.

Table 1 below shows local government recycling data for the last three years.

	2003/2004 (t/yr)	2004/2005 (t/yr)	2005/2006 (t/yr)
Packaging Sector			
<i>Paper & cardboard</i>	103,446	117,875	136,079
<i>Liquidpaper board</i>	322	178	70
<i>Container glass</i>	48,406	65,903	68,805
<i>PET</i>	4,222	1145	4,353
<i>HDPE</i>	3,576	3017	3,862
<i>Mixed Plastic</i>	2,678	4380	2,722
<i>Aluminium cans</i>	2012	2003	2,623
<i>Steel cans</i>	4,521	5641	5,751
TOTALS	169,183	200,142	224,265

This table shows that there have been significant increases in overall recycling of used packaging, namely 18% in 2004/05 over 2003/04 and a further 12% in 2005/06 over 2004/05.

3.2 Queensland Jurisdictional Projects Group (JPG) Projects

In the first twelve months of the strengthened National Packaging Covenant the Queensland JPG proposed a number of projects that gained support from industry for matching funding. It was acknowledged by the National Projects Group that the Queensland JPG was the leading jurisdiction for initiating Covenant projects. A summary of the projects are listed below:

(a) Queensland Used Glass Sourcing Study:

The project involved the commissioning of a study to investigate the capacity to source the necessary quantities of glass to ensure the feasibility of a high technology automatic sorting operation and to suggest alternative local use options for glass recovered from areas where it is unsustainable to bring it back to Brisbane for re-manufacture into glass containers.

Outcomes to be delivered from the project were:

1. The catchment area where glass could be sustainably sourced to supply a best practice glass beneficiation plant in South East Queensland.
2. Potential quantities of cullet, broken down into colours, that could supply this plant.
3. A clear understanding of key sectors that would provide the majority of glass.
4. Best practice systems and infrastructure to recover the glass at “away from home” locations.

The report on the study has been completed. One of the main findings was that although significant quantities of glass are being collected, our reprocessing efforts are being diminished by glass breakage. The report recommends a number of actions to be taken by the Queensland Government and the JPG. Based on the recommendations received, the JPG is currently considering what further projects should be initiated.

The cost of this project was just over \$120,000.

(b) Away from Home Recycling Infrastructure and Behaviour Trials in large shopping centres:

The project is designed to firstly study Public Place Recycling systems within shopping centres, and then to develop nationally applicable guidelines for Public Place Recycling within shopping centres.

Trials will be conducted in three GPT/ Lend Lease Centres in Queensland, one in Melbourne CBD and one in Sydney based on the collection of those materials that are “recyclable” for that area involving different bins and signage to be used in each Centre over a period of 3 months. Back-of-house recycling systems will also be included in the trial and, where existing systems are in place, they also will be audited. The costs of implementing a recycling system will also be examined. Surveys of shoppers will be conducted to gauge their awareness of the bins; use of the bins and other feedback.

Following the outcomes of the trials, a set of guidelines (“How to” kit) will be developed based on the findings and feedback. Effective communication campaigns will be addressed in the guidelines and the guidelines will be made publically available.

The project is running slightly behind schedule with the trials to be completed by early 2007.

The expected cost of this project is approximately \$170,000.

(c) Public Place Recycling Glass Trial, Toowoomba & Port Douglas:

Previous work on public place recycling systems have not studied whether much glass is being sourced from these systems and from which classification of public places. To assist overcoming this data gap these projects involved the installation of recycling bin infrastructure at Toowoomba and Douglas. These two Councils represent distinctly different focus areas for Public Place Recycling – Port Douglas is a high profile tourist area with an “iconic” beach, Four Mile Beach. Toowoomba, on the other hand, is an inland regional city that has significant profile for its parks and gardens. Council officers were professionally trained in waste auditing and recorded data yields, contamination rates and product losses for every recycling station for four one week intervals over a four month period. These public place recycling programs have been integrated into each Council’s waste education strategy.

Following analysis of the data a report will be prepared at the end of the trial. Case studies will be developed to assist in the implementation of other “away from home” recycling systems.

The primary goal of the project was to address the glass data gap in public places, which will establish the waste and recyclable material profile in the Queensland parks, gardens and beaches. An additional goal was to increase away from home recovery in public places.

The projects were originally submitted as a joint project but the National Projects Group awarded funding only for the Toowoomba system. The Douglas project was subsequently fully funded by the Queensland EPA.

The cost for the Toowoomba project was \$40,000 whereas the Douglas project cost \$18,000.

(d) Central Queensland Local Government Association (CQLGA) Regional Integrated Packaging Recycling Initiative:

The “Regional Integrated Recycling Project” is a comprehensive regional approach to increase the yield (tonnages) of recyclable products from Central Queensland. The project focuses on commercial and domestic recycling and will engage all communities in the region to recycle (kerbside or community based) to their capacity.

The project methodology is a 3-tiered progressive approach that involves:

- Stage 1 Information collection and planning for the region in regards to recycling yields and current practices (baseline data, gap analysis and resource recovery plan with recommendations), followed by comprehensive review of project achievements and report to NPC prior to progression to stage two;
- Stage 2 Implementation of recommendations from Stage 1 to include enhanced current practices, new systems development, performance monitoring, and complimentary community learning programs followed by comprehensive review; and,
- Stage 3 Assess the performance and outcomes of the implementation process in relation to key performance indicators. The assessment outcomes data from this process will be made available to the NPC.

The cornerstone of this methodology is the political cooperation of 12 local governments working together to attain regional based outcomes through Central Queensland’s Regional Waste Management Strategy that has been in operation for the last 7 years.

Stage 1 of this project will be completed in the first quarter of 2007. The total cost of the project is \$600,000 over three years.

(e) National Economic Analysis of Public Place Recycling (PPR) Systems:

This project was originally proposed as an analysis of PPR systems in Queensland. The NPG felt that this project deserved to be a national project involving the analysis of all PPR systems across Australia. The Qld EPA accepted the role of hosting this national project.

The project involves:

1. analysis of bin yields, product losses and contamination levels;
2. community attitudinal surveys; and
3. data collation and a report leading to the development of a business case for a range of best value PPR systems.

By complementing local governments' efforts in moving towards best practice kerbside recycling systems, this project will assist in delivering holistic recycling systems and assist in the prevention of litter from public areas. This project will also deliver a blueprint for the development of best value PPR systems nationally. As a follow-on from this project, the Queensland JPG is anticipating that an on-going infrastructure grants program, based on the blueprint, will be approved by the NPG to assist Councils in implementing best-value PPR systems.

This project was let for tender and Hyder Consulting was the successful consultant. Their cost for the project is \$126,709. The project is currently underway and will be completed by the end of the year.

(f) Public Event Recycling Systems:

This project involves promoting recycling at public events. To this end the Queensland EPA will purchase a supply of caps for recycling bins and associated banners/signage and provide these bin caps to regional Councils, acting as stewards for banks of bin caps, for hire/lend to public event managers in their localities.

Event Managers for both Council and privately conducted events will be encouraged to use the Ecorecycle Victoria WasteWise Event Toolkit, the Zero Waste SA Guide for Green Events or the Qld EPA WasteWise Education Kit to ensure event planning and awareness regarding resource recovery have been addressed.

Those Councils benefiting from the scheme will be required to report recycling yields and contamination levels to EPA annually. The cost of this project will be approximately \$70,000 with the first supply of bin caps occurring in November 2006.

3.3 “Say No to Plastic Bags” Campaign

To assist more of the community to use re-usable bags for shopping, the EPA proposes to form partnerships with Chambers of Commerce and Local Councils in Queensland to initiate “Say NO to plastic bags” campaigns in their area. To foster these partnerships the EPA is prepared to offer, under the National Packaging Covenant, twenty (20) \$5,000 grants to assist in the promotion of the campaign and in the purchase of an initial supply of alternative “green bags”. To receive the funding organisations will need to demonstrate the sustainability of their campaigns.

To date one organisation has received funds and another thirteen Chambers of Commerce or Local Councils have submitted applications for this funding

3.4 NEPM Enforcement

In late 2005 the EPA wrote to 22 Queensland organisations, who were previous signatories to the Covenant, encouraging them to sign up to the strengthened Covenant. This initial letter resulted in 7 organisations re-signing to the Covenant, 5 organisations no longer requiring to be signatories and 10 organisations that the EPA will consider sending Compliance Notices. To send a message that the Queensland Government is prepared to enforce the NEPM, further enforcement letters are planned to be sent to non-signatory large organisations who trade in Queensland.

Queensland currently has 39 Covenant signatories.

4.0 CHECKLIST FOR DEVELOPMENT OF ANNUAL REPORT

General Requirements (*Mandatory)	Y/N
*Company name & subsidiaries:	Y
*Nature of organization : What it does, Size/turnover, Structure etc.	Y
*Major brand names owned or sold are identified	N/A
*Covenant contact officer details included	Y
*CEO or local equivalent endorsement is present	Y
Identifies time period reporting on:	Y
Report includes Executive Summary	Y
SPECIFIC REQUIREMENTS	
The report demonstrates Product Stewardship (S4) commitment achievements	Y
Relevant Covenant KPI's measured & data reported	Y
<i>Environmental Code of Practice for Packaging</i> implemented	N/A
Data for company –specific performance targets, milestones and indicators reported	Y
The report details records that track performance achievements:	Y
The report demonstrates the company working with packaging supply chain, consumers and governments	N/A
Reports against Summary Table actions / timelines / responsibilities / performance measures	Y
Report confirms resources available to meet commitments	Y
Have any changes been made to the Action Plan resulting from this year's implementation ?	Y

Comments:

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 The Action Plan will be changed following this Annual Report

5 NOMINATED CONTACT OFFICER

Requests for periodic information or advice relating to specific programs in the plan should be directed to:

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6. KEY PERFORMANCE INDICATORS & TARGETS

ENVIRONMENTAL PERFORMANCE GOALS & KEY ACTIONS	KEY PERFORMANCE INDICATORS (KPI numbering taken from the National Packaging Covenant)	UNIT OF MEASURE	INDICATIVE BASELINE DATA	TARGET	RESULT
GOAL 1 – PACKAGING OPTIMISED TO INTEGRATE CONSIDERATIONS ABOUT RESOURCE EFFICIENCY, MAXIMUM RESOURCE RE-UTILISATION, PRODUCT PROTECTION, SAFETY AND HYGIENE.					
<i>Packaging designed and manufactured to optimise its recoverability through collection systems including kerbside recycling schemes</i>	8. Consumer packaging as a % by weight of total waste and relative to other waste stream components.	%.	In collaboration with other jurisdictions, a common methodology will be developed to provide indicative baseline data for Queensland	To be set once baseline data established	The EPA has worked with other jurisdictions to develop an agreed methodology to report against this KPI. The most cost effective approaches are being considered by jurisdictions.
GOAL 2 – EFFICIENT RESOURCE RECOVERY SYSTEMS FOR CONSUMER PACKAGING AND PAPER.					
<i>Secondary market creation supported for recovered packaging material.</i>	9. Total weight of consumer packaging recycled, through:(a) Domestic and (b) Away from Home recovery systems respectively.	tonnes	(a) 169,185 (2003/2004) (b) Data on away from home recovery systems will be determined as part of a national project, co-ordinated by the National Projects Group.	(a) 200,000 (b) To be set once baseline data established	Domestic consumer packaging recycled – 224,265 tonnes Total consumer packaging recycled – Figure will be provided in early December when national project completed.

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ENVIRONMENTAL PERFORMANCE GOALS & KEY ACTIONS	KEY PERFORMANCE INDICATORS (KPI numbering taken from the National Packaging Covenant)	UNIT OF MEASURE	INDICATIVE BASELINE DATA	TARGET	RESULT
<i>Develop, monitor and implement good practice for collection and recovery systems for packaging and litter management.</i>	11. Number of Councils operating according to good practice collection principles and state-based benchmarks.	% of councils.	15% (figure is low because it is unsustainable for most Councils west of the coast to recover core recycle). % of those councils, operating kerbside recycling systems, who are achieving state based benchmarks is yet to be determined.	18%	Twenty three Councils are achieving good practice according to state benchmarks. This represents 18.4%
<i>Provision of Collection Services for post consumer packaging and paper.</i>	12. Percentage of households with access to kerbside collection systems.	% total HH.	90%	91%	91%
	13. Percentage of households with access to other domestic collection systems.	% total HH.	4%	5%	4.5%

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ENVIRONMENTAL PERFORMANCE GOALS & KEY ACTIONS	KEY PERFORMANCE INDICATORS (KPI numbering taken from the National Packaging Covenant)	UNIT OF MEASURE	INDICATIVE BASELINE DATA	TARGET	RESULT
	15. Percentage of Councils and government agencies providing public place recycling infrastructure.	% of agencies & councils.	(a) Councils – 12% (figure is low because it is unsustainable for most Councils west of the coast to recover core recycle) (b) Government Agencies – A survey is being circulated to agencies seeking this data	15% Target to be set.	13.6% The survey indicated the EPA (as manager of National Parks) and the Major Sports Facilities Authority (MSFA) (as manager of major sporting venues) are the only government agencies that have public open spaces and do provide public place recycling infrastructure
	16. Percentage of signatories providing recycling collection facilities for post-consumer packaging generated on-site.	% of total signatories.	Baseline data to be established following surveys of government agencies	Target to be set once baseline data established	All Queensland Government agencies surveyed have recycling collection facilities for post-consumer packaging generated on site

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ENVIRONMENTAL PERFORMANCE GOALS & KEY ACTIONS	KEY PERFORMANCE INDICATORS (KPI numbering taken from the National Packaging Covenant)	UNIT OF MEASURE	INDICATIVE BASELINE DATA	TARGET	RESULT
GOAL 3 – CONSUMERS ABLE TO MAKE INFORMED DECISIONS ABOUT CONSUMPTION, USE AND DISPOSAL OF PACKAGING OF PRODUCTS.					
<i>Minimise hazards associated with disposal.</i>	17. Amount and type of consumer packaging in the litter stream.	Tonnes & Composition.	Baseline data for Queensland will be established following litter audits to be commissioned by the Commonwealth	Target to be set after audits completed.	Litter results by volume for Qld. Glass 5% Metal 12% Plastic 50% Paper 25.5%
<i>Change in consumer behaviour (purchase, use, disposal).</i>	18. Contamination rates in consumer packaging recovery systems (eg. kerbside, events, venues, public places, workplaces).	% contamination by system type.	Contamination rates for kerbside systems vary between 8 and 20%. Other contamination rate data to be established through consultation with Councils and public venue managers.	To be set following further work	Contamination Rates Kerbside 8% - 15% Public Places 1% - 20% Venues up to 20%
	20. Improvements in littering behaviour.	Changes in behaviour.	Common methodologies to be developed by jurisdictions	To be set following further work	The EPA are involved in a program with other jurisdictions to develop a nationally consistent littering behaviour methodology

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ENVIRONMENTAL PERFORMANCE GOALS & KEY ACTIONS	KEY PERFORMANCE INDICATORS (KPI numbering taken from the National Packaging Covenant)	UNIT OF MEASURE	INDICATIVE BASELINE DATA	TARGET	RESULT
Goal 4 – SUPPLY CHAIN MEMBERS AND OTHER SIGNATORIES ABLE TO DEMONSTRATE HOW THEIR ACTIONS CONTRIBUTE TO GOALS (1)-(3) ABOVE.					
<i>Increased recycling of used packaging.</i>	21. Estimated tonnage of consumer packaging recycled and sent to landfill respectively, from on-site collection facilities.	Tonnes Disposed & Tonnes Recycled	Baseline data to be established through data collection from Govt. agencies	To be set following further work	EPA Central Office data (800 people) Recycling – 26.3 tonne Disposal – 17.7 tonne Other government agencies are being encouraged to measure their used packaging.
<i>Implementation of the regulatory “safety net”.</i>	24. Implementation of NEPM procedures by jurisdictions.	No. potential “free-riders” contacted.	“Free-riders will be contacted once national brandowner audits are undertaken in supermarkets.	Dependant on audits but it is expected that there will be a minimum of ten businesses contacted	Twenty two companies, who did not re-sign to the Covenant, were sent letters
	25. Enforcement of the NEPM to “free-riders” and non-complying Covenant signatories.	No. of formal enforcement actions taken.	N/A	Unknown at this stage	No formal enforcement actions taken during the reporting period

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ENVIRONMENTAL PERFORMANCE GOALS & KEY ACTIONS	KEY PERFORMANCE INDICATORS (KPI numbering taken from the National Packaging Covenant)	UNIT OF MEASURE	INDICATIVE BASELINE DATA	TARGET	RESULT
<p><i>Secondary market creation supported for recovered packaging material.</i></p>	<p>26. Implementation of Buy Recycled purchasing policy or practices.</p>	<p>Y / N With examples.</p>	<p>Sustainable procurement guidelines being developed</p>	<p>N/A</p>	<p>Yes, sustainable procurement guidelines have been developed. Examples of sustainable procurement within EPA are:</p> <p>20% of office supply budget with Government supplier, Corporate Express, is spent on earth saver products eg. 100% recycled content office paper, pens and paper towel for parks public toilets.</p> <p>Take back remanufacture programs for updating old photocopiers and packaging have been implemented.</p> <p>Take back programs for old computer hardware when purchasing new hardware and its associated packaging have also been implemented.</p>

7 OTHER COMMITMENTS

POLICY AND STRATEGY

Commitment	Qld Government action	Performance indicator	Timing/Status	Result
Work co-operatively to develop best-practice systems	Include programs in the Queensland Waste Management Strategy (QWMS) that involve working with councils to adopt best practice waste management practices for kerbside recycling and other recovery systems	Delivery of the QWMS reflecting consistency with Covenant principles and containing packaging targets for Queensland	30 June 2007	Other strategies and initiatives, eg. litter, have taken precedence this year. QWMS will now be delivered in the last half of 2007.
	Provide secretariat support for the Queensland Jurisdictional Projects Group through the Queensland EPA to ensure continued work by Government and Industry to increase the efficiency of kerbside systems	Secretariat support provided	30 June 2008	Achieved for 2005/2006
	Enter into a partnership with Cth DEH for improved recovery rates of resources from remote communities through the implementation of a pilot project on Warraber Island	Increased resource recovery from Torres Strait Island communities	30 June 2007	Funding agreement completed with Cth DEH. Work continuing on an agreement with Torres Strait Regional Authority.
	Work with Queensland Parks and Wildlife Service (QPWS), Hervey Bay City Council and Maryborough City Council to improve recovery rates of recyclates from Fraser Island.	Increased resource recovery from Fraser Island	30 June 2006	Awaiting policy position on waste management for Fraser Island being developed between QPWS and Councils.
	Visit the sites of ten signatories and case study three of these industries if "good news" stories are found	Ten industries visited and three case studies developed and published	30 June 2006	Seven industries visited. Case studies to be developed by 30 June 2007

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Commitment	Qld Government action	Performance indicator	Timing/Status	Result
Facilitate industry in providing responsible management of their packaging up and down their supply chain	Invite industries to attend a JPG meeting to hear about NPC projects and discuss industry issues	An open meeting of the JPG convened involving NPC industry signatories held	30 June 2006	Not yet achieved, planned for early 2007.
Continued development of consistent and harmonious policies and strategies for the management and disposal of used packaging	Continue to communicate with other jurisdictions on policies and strategic frameworks relevant to the Covenant through existing channels, including: the Covenant Council the National Kerbside Recycling Group Environment Protection and Heritage Council	Queensland representation at all key jurisdictional meetings for these groups	30 June 2008	Attendance achieved at all meetings of these groups
	Assess Government's own packaging generation to increase the sustainability of packaging consumed	Survey of government departments	30 June 2007	Initial survey undertaken. Further work required to be undertaken with government departments.
	Improved yields of secondary resources from Queensland Government owned buildings	Work with Queensland Department of Public Works (QDPW) to include recycling collection services as part of the contract for standard waste management services	30 June 2007	On-going. A meeting between EPA and QDPW is planned for Nov./Dec. 2006 to reinforce this action
Promote the adoption of the principles and undertakings set out in the Covenant	Participation of relevant State Government agencies on the National Packaging Covenant Council, National Projects Group and the Queensland Jurisdictional Projects Group	Over 90% of meetings attended by relevant Queensland representatives	30 June 2008	Achieved for the year
	Continued funding of a specialist officer to implement the Covenant in Queensland and interact with other jurisdictions	Project Officer funded	30 June 2008	Achieved for the year

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Commitment	Qld Government action	Performance indicator	Timing/Status	Result
		Work program to reflect Covenant priorities and enforcement strategy priorities	30 June 2008	Work program developed and implemented for 2005/2006
	Continued participation in industry seminars promoting the Covenant	Give three presentations at key industry seminars as required	30 June 2008	Achieved for this year
	Continue Queensland Jurisdictional Projects Group support of mobile waste education awareness units across the State	Increased recycling rates across Queensland	30 June 2007	An additional 12% increase was achieved.
	Undertake an information session on the requirements of the National Packaging Covenant for Queensland Government Departments	Information session undertaken? (Y / N)	31 December 2005	Yes
Promote litter awareness and appropriate litter behaviour across Government agencies and the wider community	Develop Queensland Litter Management Strategy	Strategy developed	31 December 2006	A litter strategy will now not be developed. Key litter initiatives, including more stringent legislation, will now be completed in the first half of 2007.
	Assess options for developing Extended Producer Responsibility partnerships with those businesses whose packaging significantly contributes to the litter stream.	Investigation of options completed	30 June 2006	Investigations continuing as part of litter initiatives.
	Develop a project proposal for the National Projects Group for the formation of a Queensland Litter Alliance	Project proposal submitted to NPG as part of Qld JPG 2006/2007 Workplan	30 June 2006	Project proposal was submitted but was unsuccessful .

GOVERNMENT WASTE REDUCTION AND PURCHASING POLICY

Commitment	Qld Government action	Performance indicator	Timing/Status	Result
Queensland Government waste reduction and purchasing officers to continue to incorporate Covenant principles in government agencies' individual agency waste reduction and purchasing plans	Government departments to develop and implement strategic waste management plans that include data collection and reporting protocols	Increase in tonnes of waste diverted from landfill	30 June 2008	Government Departments to be encouraged to undertake measurements of waste diverted from landfill as part of QWMS review.
	Government purchasing guidelines to enable agencies to enforce the Covenant with suppliers of goods where appropriate.	Less packaging used ; Packaging to be produced from recyclable materials	30 June 2008	Guidelines in place 20% of office supply budget with Government supplier, Corporate Express, is spent on earth saver products eg. 100% recycled content office paper, pens and paper towel for parks public toilets.
Facilitate implementation of purchasing policies for recycled goods	Develop buy recycled criteria in the 'Sustainable Procurement' guidelines which supports the State Purchasing Policy	Criteria developed (Y / N)	30 June 2006	Yes
Work cooperatively to develop end markets for secondary materials and promote, support and fund market development initiatives	The revised Queensland Waste Management Strategy to support industry in developing end markets for secondary materials	Queensland Waste Management Strategy includes programs which support industry and local government to develop end markets for secondary materials eg through grants, seed funding and industry partnership programs	30 June 2007	On-going as part of the QWMS review

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Commitment	Qld Government action	Performance indicator	Timing/Status	Result
	Provide funding support and other resources through a secondary market development grant program for recycled materials, in particular, glass.	Where appropriate, market development programs developed through the Queensland Projects Recycling to be facilitated or supported by Government agencies	30 June 2007	Work continuing in the development of markets for used glass through a demonstration project proposed for the Cairns area.
Adopt appropriate waste management pricing policies	Through the revised Queensland Waste Management Strategy, encourage the use of economic instruments to maximise resource recovery	Queensland Waste Management Strategy to include a recommendation for an investigation into the most appropriate economic instrument to maximise resource recovery	30 June 2007	On-going (QWMS review)
Provide appropriate financial and other support to assist those Councils that have not implemented best practice kerbside recycling systems	Allocate \$0.4 million matching funding to the kerbside recycling transitional arrangements for the period ending 30 June 2007.	Government matched contribution to all Queensland Jurisdictional Projects Group Work Plan projects	30 June 2007	Due to changed funding guidelines for the Covenant, this action is unlikely to be achieved. However funding to Central Queensland Local Government Association is likely to be approx. \$200,000 by 30 June 2007.
	Where appropriate, utilise Queensland Jurisdictional Project Group networks to explore opportunities to utilise source separated commercial and industrial post consumer packaging and paper to enhance the viability of current recycling systems	Programs developed to provide services to small commercial and industrial generators to increase the efficiency of recycling systems where appropriate	30 June 2008	On-going. Ties in with the demonstration project work for glass and potential work on paper and cardboard.
Facilitate information and programs to support and improve recycling infrastructure at Government workplaces	Implement public place recycling systems across government departments by June, 2008	Percentage of departments that have public place recycling systems installed	June 2008	On-going. Refer to comment on page 14 regarding the EPA and MSFA

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Commitment	Qld Government action	Performance indicator	Timing/Status	Result
	Wherever possible, promote on – site recycling systems in Government workplaces	Increase number of co-mingled recycling bins	30 June 2007	On-going. Public Works Department are involved in promoting recycling in government waste contracts.
Maximise the recovery of glass cullet from domestic and commercial sources	Develop a project for a consultant to investigate the capacity to source the necessary quantities of glass to ensure the feasibility of a high technology automatic sorting operation.	Study completed & report written	30 June 2006	Achieved
	Develop a project involving the installation of recycling bins at public places in Toowoomba parks and gardens and Port Douglas seaside esplanades with a view to determine quantities of glass in these locations	Data on glass recovery yields in public places	30 June 2006	Achieved
Maximise the recovery of recyclate from shopping centres.	Develop a project to trial recycling in three major shopping centres in Queensland and to produce a national recycling guideline for shopping centres.	A shopping centre recycling guideline developed	31 December 2006	On-going. Will be completed by April 2007.
Maximise the recovery of resources from industry who require product destruction.	In partnership with Ipswich Waste Services (IWS), through a Covenant project provide funding to IWS for additional infrastructure to enhance their resource recovery facility of products to be destroyed	Infrastructure installed and increased recycling yields	31 December 2006	Project submitted to the National Projects Group but was unsuccessful

MONITORING AND REPORTING

Commitment	Qld Government action	Performance indicator	Timing/Status	Result
Establish an accessible communications framework to facilitate information collation and dissemination	Continue to collect recycling data and National Environment Protection Measure (NEPM) data from Queensland local government and publicly release aggregated data in the <i>State of Waste and Recycling</i> report	Consolidated information supplied by local government to the EPA to meet NEPM obligations and for inclusion in the <i>State of Waste and Recycling</i>	30 September 2006	Achieved
	Revise existing survey instruments for the collection of data from local government and the private sector in line with Covenant KPIs and agreed standard jurisdictional methodology	Survey instruments modified	30 April 2006	Achieved
	Work with Local Government Association of Queensland and the Department of Local Government, Planning, Sport and Recreation to improve the validity of the data provided by Queensland local government	Communication made to councils by both organisations in support of EPA	30 June 2006	Communication undertaken to achieve better data.
Cooperate in producing reliable data on a national basis on the performance of disposal and recycling of Commercial and Industrial and Municipal waste	Report packaging data to National Environment Protection Council	Data provided to NEPC	30 November each year	Achieved
	Publish data on commercial, industrial and municipal waste management and community trends in the <i>State of Waste and Recycling</i> report	Information included in <i>State of Waste and Recycling</i> report provided to local government and the community	Annually	Achieved