



Department of  
Environment and Conservation

Your ref: DEC 1103  
Our ref: Katrina Hill  
Enquiries: 08 6467 5370  
Phone: 08 6467 5532  
Fax: [katrina.hill@dec.wa.gov.au](mailto:katrina.hill@dec.wa.gov.au)  
Email:

Mr Ed Cordner  
The National Packaging Covenant  
Level 6, 457 St Kilda Road  
Melbourne, VIC 3004

Dear Mr Cordner

**2008 ANNUAL REPORT FOR WESTERN AUSTRALIA**

I am pleased to submit the 2008 Annual Report for the Western Australian State Government's National Packaging Covenant Action Plan.

Should you have any queries regarding the Annual Report please contact Katrina Hill on phone: (08) 6467 5370 or email: [katrina.hill@dec.wa.gov.au](mailto:katrina.hill@dec.wa.gov.au)

Yours sincerely

A handwritten signature in black ink, appearing to read 'Keiran M.' followed by a stylized flourish.

Keiran McNarama  
DIRECTOR GENERAL

6 February 2009

DIRECTOR GENERAL AND ENVIRONMENTAL SERVICES DIVISIONS: The Atrium, 168 St Georges Terrace, Perth, Western Australia  
Phone: (08) 6364 6500 Fax: (08) 6364 6520 TTY: 1880 555 630

PARKS AND CONSERVATION SERVICES DIVISIONS: Executive: Corner of Australia II Drive and Hackett Drive, Crawley, Western Australia  
Phone: (08) 9442 0300 Fax: (08) 9386 1578 Operations: 17 Dick Perry Avenue, Technology Park, Kensington, Western Australia  
Phone: (08) 9334 0333 Fax: (08) 9334 0498 Teletype: (08) 9334 0546

POSTAL ADDRESS FOR ALL DIVISIONS: Locked Bag 104, Bentley Delivery Centre, Western Australia 6983  
[www.dec.wa.gov.au](http://www.dec.wa.gov.au)



Department of  
**Environment and  
Conservation**



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*Our environment, our future*

# **2008 Annual Report to The National Packaging Covenant**

**for implementation of the Western Australian  
State Government Action Plan covering the  
period  
July 2005 to June 2008**

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## INTRODUCTION

In 2004, the Government of Western Australia released the *Statement of Strategic Direction for Waste Management in Western Australia: Vision and Priorities*. This strategic direction sets out the framework and priorities for waste management in Western Australia over a three-year period, within the context of the broad vision and goal for fifteen years.

The strategic framework operates by looking at the entire waste landscape and then managing simultaneously at a number of levels, to provide a coherent and strategic approach. The framework operates at the following five levels: strategic approach, measuring success, focus areas, project priorities, and reporting and consultation.

The principles of the National Packaging Covenant are consistent with each of the levels in Western Australia's framework, of which packaging products is one of the primary focus areas.

The Western Australian Government has committed to the strengthened second National Packaging Covenant by signing the 2005-2010 Covenant. This Annual Report outlines how the Western Australian Government is meeting its obligations as a State Government signatory to the National Packaging Covenant, including projects which contribute to the Covenant's objectives and overarching targets.

The Action Plan has been developed with reference to the *Key Performance Indicators – Explanatory Notes* developed by the National Packaging Covenant Council.

## NOMINATED CONTACT OFFICER

Requests for further information or advice should be directed to the Nominated Officer for the Action Plan:

Mr Reuben Gregor  
Project Coordinator  
Waste Management Branch  
Department of Environment & Conservation  
Locked Bag 104  
Bentley DC WA 6983

Tel: (08) 6467 5391  
Email: [reuben.gregor@dec.wa.gov.au](mailto:reuben.gregor@dec.wa.gov.au)

## REPORTING AGAINST ACTION PLAN COMMITMENTS

### PRODUCT STEWARDSHIP

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Product Stewardship – Governments must recognise that they have a role in ensuring that legislation, policies and strategies facilitate the implementation of product stewardship					
	Develop EPR Scheme(s) in partnership with relevant Taskforces and Advisory Groups	DEC/WMB	June 2009	EPR Schemes developed and promoted. Details available on Zero Waste website	<p>Significant progress towards the implementation of a legislative framework that supports EPR schemes has been made with <i>The Waste Avoidance and Resource Recovery Act 2007 (WARR Act)</i> passing through Parliament in December 2007 and recently enacted with the subsequent gazettal of the <i>Waste Avoidance and Resource Recovery Regulations 2008</i>.</p> <p>The <i>WARR Act</i> is designed to help Western Australia move towards a waste-free society by:</p> <ul style="list-style-type: none"> <li>• Promoting the most efficient use of resources, including resource recovery and waste avoidance</li> <li>• Reducing environmental harm, including pollution through waste</li> <li>• Consideration of resource management through avoidance of unnecessary resource consumption and disposal</li> <li>• Encouraging resource recovery, which includes reuse, reprocessing, recycling and energy recovery</li> </ul> <p>The Waste Authority is currently engaged in preparing its Strategic Direction, State Waste Strategy and Business Plan and these will determine the prioritisation of EPR Schemes from June 2009. Progress can be monitored through publicly released minutes available online: <a href="http://www.zerowastewa.com.au/whoswho/authority/meetings/">http://www.zerowastewa.com.au/whoswho/authority/meetings/</a></p> <p>In addition to the progress of the Waste Authority, the State Government is actively contributing to the consideration of waste issues of national significance through its input to the Environment Protection and Heritage Council (EPHC). This includes co-chairing the investigation into a national container deposit system and contributing to the consideration of national product stewardship systems for priority wastes including computers, televisions and mobile phones.</p>

**POLICY & STRATEGY**

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Develop consistent and harmonious policies and systems for the management and disposal of used packaging					
	Continue to communicate with other jurisdictions on policies and systems frameworks relevant to the Covenant	DEC	Ongoing for the life of this Action Plan	Remaining abreast of jurisdictional developments and issues	<p>2006-07: DEC Officers attended one inter-jurisdictional meeting where changes to the compliance processes to the covenant were discussed.</p> <p>2007-08: DEC Officers attended one inter-jurisdictional meeting. The meeting provided a mechanism by which jurisdictions standardised their interpretation and reporting methods against various Covenant KPI's. It also enabled coordinated and consistent implementation of the brand owners survey in addition to consensus on potential areas that the Covenant model may be strengthened.</p> <p>In addition to the formal meeting DEC officers have established a rapport with other jurisdictional officers that ensures a passage of information between Governments in regard to Covenant policies and frameworks.</p>
<b>Commitment Area:</b> Ensure policy and strategic frameworks are subject to regulatory impact assessment, including environmental, economic and social analysis					
	Participate and provide input into the EPHC waste working group projects including contributing towards the development of Regulatory Impact Statements for NEPMs	DEC/WMB	Ongoing	Regulatory Impact Statement completed and presented to EPHC on time	<p>DEC continues to participate in the Waste Working Group and involvement in the issues considered by the EPHC. It is leading the investigation into container deposit systems and methane emissions from landfills.</p> <p>Western Australia has committed to improved Regulatory Impact Statement processes through the Council of Australian Governments and the Department of Treasury and Finance is developing a process for assessment of new and amended legislation to assist decision making.</p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Ensure that any future industry waste reduction management agreements/plans negotiated by Government and involving packaging will conform with the Covenant					
	Build into the requirements of the Strategic Waste Management Plans for Local Government the need to be consistent with the Covenant	DEC	July 2006	Covenant consistency requirement included in the requirements of Local Government Strategic Waste Management Plans	<p>COMPLETE</p> <p>Phase I of the Zero Waste Plan Development Scheme (ZWPDS) required local governments to complete an on-line survey that incorporated their reporting requirements under the NEPM for Used Packaging Materials. Phase II of the ZWDS required local governments to develop Strategic Waste Management Plans (SWMPs), either in groups or individually. Supporting documentation referred to the National Packaging Covenant.</p>

**MARKET DEVELOPMENT**

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Work cooperatively to develop good practice collection systems and to develop end markets for recovered materials					
	Work in association with the Jurisdictional Projects Group to define "good practice" kerbside collection system(s) in WA	DEC/WMB	Feb 2008	Good practice defined and guidelines produced	<p>IN PROGRESS</p> <p>A consultancy report was commissioned to review kerbside collection systems and drop off facilities for recyclables with the view to investigate preferred service models for use by WA Local Governments based on their geographic and demographic situation. The completed report is publicly available: <a href="http://www.zerowastewa.com.au/documents/kerbside_transport_station_final_report_June08.pdf">http://www.zerowastewa.com.au/documents/kerbside_transport_station_final_report_June08.pdf</a></p> <p>DEC officers have drafted a definition of preferred practice and are developing draft guidelines in collaboration with the Western Australian Local Government Association. These guidelines will undergo a consultation process with stakeholders before being made available in 2009.</p>
	Provide regular opportunities for input by industry, local government and stakeholder groups to WA Government initiatives promoting good practices through formal and informal consultation and participation mechanisms	DEC/WMB	On an as needs basis	Number of workshops, seminars, support processes undertaken to improve kerbside and away from home recycling	<p>2006-07:</p> <p>In regard to the Strategic Waste Management Plans there were 7 regional workshops held with 101 in attendance and 3 metropolitan workshops held with 110 in attendance.</p> <p>2007-08:</p> <p>The WMB collaborated in numerous strategic partnerships. This includes ongoing support to the Green Stamp Program, Keep Australia Beautiful Council, Centre of Excellence in Cleaner Production and WALGA.</p> <p>Ongoing workshoping continued with local governments in regard to the development of Strategic Waste Management Plans and 5 workshops, with 110 in attendance, were held for consultation on the development of a renewed Regional Funding Program.</p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
					In August 2007 the WMB collaborated with the Packaging Stewardship Forum to call for expressions of interest in relation to the development of projects designed to address the issue of post consumer glass packaging processing and reuse within WA. The process failed to deliver any viable projects.
<b>Commitment Area:</b> Promote, support and fund market development initiatives					
	Identify priority packaging materials to be promoted, supported and funded.	WMB/DEC	Ongoing for the life of this Action Plan	Products identified & data obtained	Glass was identified as a priority product by the WMB and became a priority area for funding grants under the Strategic Waste Initiatives Scheme. In August 2007 the Board, in collaboration with the Packaging Stewardship Forum, released a call for expressions of interest for major glass recycling projects in WA. The process failed to identify and support any viable projects.

## PRICING

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Adopt appropriate waste management pricing policies and provide appropriate financial and other support to optimise materials recovery systems.					
	Release a discussion paper on increasing the landfill levy	DEC/WMB	Dec 2007	Paper available on Zero Waste website and open for public consultation	<p>COMPLETE</p> <p>The paper is available at:  <a href="http://www.zerowastewa.com.au/documents/levy_disc_paper.pdf">http://www.zerowastewa.com.au/documents/levy_disc_paper.pdf</a></p> <p>Despite the release of the paper actual waste management pricing policies are on hold pending the inauguration of the Waste Authority in July 2008. It is anticipated that the Waste Authority will undertake further review of the landfill levy during the 2008-09 reporting period.</p> <p>There will be ongoing consultation and workshops to discuss WA landfill levies in the 2008-09 period.</p>
<b>Commitment Area:</b> Facilitate the development of programs that optimise the value for recycled materials					
	Investigate and identify viable opportunities to support the glass recycling market within WA	DEC/WMB	June 2009	Delivery of investigative consultancy reports and consultation with industry on opportunities	<p>ONGOING</p> <p>In August 2007 the Waste Management Board, in collaboration with the Packaging Stewardship Forum, undertook an EOI seeking projects from industry that would contribute significantly to a post consumer glass packaging recovery solution for Western Australia. The EOI process failed to identify any viable glass recycling projects.</p> <p>The Waste Management Board commissioned a consultant to investigate the feasibility of establishing a boutique glass bottle manufacturing facility in Western Australia that may stimulate the local glass recycling market. The consultancy report is in draft form and will be considered by the Waste Authority in the 2008-09 reporting period.</p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
	Investigate glass and industrial plastics recycling across WA	DEC/WMB	Sep 2008	Completion of investigation and report available on Zero Waste website	<p>COMPLETE</p> <p>Used Industrial Plastics in Western Australia – waste management practices and potential recycling activities:  <a href="http://www.zerowastewa.com.au/communication/news/article.php?article=79">http://www.zerowastewa.com.au/communication/news/article.php?article=79</a></p> <p>Market Development Study for Used Glass in WA:  <a href="http://www.zerowastewa.com.au/communication/publications/bo/">http://www.zerowastewa.com.au/communication/publications/bo/</a></p>
<b>Commitment Area:</b> Implement a suite of integrated incentive schemes					
	Develop a performance-based Resource Recovery Incentive Scheme open to local government.	DEC/WMB	July 2007	RRRS replacement scheme launched.	<p>IN PROGRESS</p> <p>The new Zero Waste Incentives Scheme was launched in July 2007 with the implementation of the Zero Waste Plan Development Scheme. Incentive schemes will be considered once Local Government has developed waste management plans are developed. Currently the plans are due for submission by the end of March 2009.</p> <p>The Waste Management Board agreed in principle to a Regional Funding Model, which was to be considered by the new Waste Authority.</p>
	Continue Strategic Waste Initiative Scheme, a funding scheme that is aimed at providing support and encouragement to business and industry, local government, community groups and individuals in tackling priority waste issues.	DEC/WMB	Bi-annually from Sept 2005	Number and value of grants awarded	<p>2005-06: 8 projects. Total funding: \$428,299.00</p> <p>2006-07: 21 projects. Total funding: \$1,488,564.32</p> <p>2007-08: 20 projects. Total funding \$1,343,785</p> <p>It is difficult to quantify the impact that these projects have had in diverting materials from landfill as many project managers provide limited quantitative data when reporting on the success of their projects. A summary of the projects that gained funding approval are available online at:  <a href="http://www.zerowastewa.com.au/funded_projects/SWIS/index.php">http://www.zerowastewa.com.au/funded_projects/SWIS/index.php</a></p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Encourage regionalisation of services and infrastructure					
	Conduct cost-benefit analysis for providing funding and support programs to groups of councils to implement regional approaches to collection and marketing of recyclables	WMB	June 2010	Number of regional recycling collection services developed	<p>IN PROGRESS</p> <p>The Zero Waste Plan Development Scheme is currently underway. The Phase I Planning process (data collection) was completed in October 2007. Phase II (Strategic Waste Management Plan development by local councils and groups of councils) was launched Sept 2007 and the final submission of plans for DEC approval is anticipated for March 2009. The process rewards implementation of collaborative regional approaches between Local Governments by providing of greater funds for collaborative approaches relative to independent submissions.</p>

**COMMUNICATION & EDUCATION**

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Coordinate education and promotion programs and establish a communications framework to facilitate information collation and dissemination to signatories and stakeholders					
	Establishment of the Waste Educators Working Group	DEC/WMB	As required from August 2005	Regular meetings of Waste Educators Working Group held	2006-07: Six meetings were held 2007-08: Five meetings were held
	Participation of relevant State Government agencies on the Covenant Council	DEC	Quarterly as required	The number of quarterly NPC Council meetings attended (observer status)	2005-06: Four 2006-07: One 2007-08: Three
	Participation of relevant State Government agencies on the National Projects Group (NPG)	DEC	Quarterly as required	The number of quarterly NPG meetings attended (observer status)	2005-06: Three 2006-07: Nil 2007-08: Nil
	Participation of relevant State Government agencies on the WA Jurisdictional Projects Group (JPG)	DEC	As required	The number of meetings held	2005-06: Seven 2006-07: Four 2007-08: Four  During the 2007-08 reporting period the WA JPG approved \$450,000 in government funds to 8 projects. Three of these projects also received NPCIA funding amounting to \$300,000. To date none of the projects have been completed and they have not diverted significant additional new tonnes of recyclables from landfill.

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
	Promote the Covenant via the Zero Waste website	WMB	As required	NPC information is maintained and kept up-to-date on the Zero Waste WA website	Maintained as required with links to the Covenant website. WA specific NPC information located at: <a href="http://www.zerowastewa.com.au/ourwork/specificprograms/npc/">http://www.zerowastewa.com.au/ourwork/specificprograms/npc/</a>
	Provision of secretarial and administrative support to the JPG	DEC/WMB	As Required	JPG meeting minutes and agendas circulated to members on time	Ongoing support was provided throughout the reporting period with the provision of agendas and minutes.
	Administer WA JPG projects (where necessary)	DEC	As necessary	The number of projects submitted to and approved by the NPG	<p>2006-07:</p> <p>Two successful project proposals were joint funded with the NPG and two were funded locally</p> <p>2007-08:</p> <p>Four successful project proposals received joint funded from the NPG and four were funded locally. These projects addressed issues such as the provision of recycling services to Small to Medium Enterprises, the trial of drop-off facilities for polypropylene, the provision of glass crushing infrastructure to local government to encourage local reuse, recycling education programs and baling infrastructure for regional local government.</p> <p>All the projects are in their infancy and yet to deliver substantial diversion of additional recyclables.</p>
	Collect kerbside recycling data and National Environment Protection Measure (NEPM) data from Councils in WA and publicly release aggregated data in National Environment Protection Council (NEPC) report.	DEC	Annually from Sept 06	Number of Councils providing data and report published on NEPC website	<p>2005-06:</p> <p>WA jurisdiction report was submitted to the NEPC and incorporated into the NEPC Annual Report 2005-06, located at: <a href="http://www.ephc.gov.au/nepc/annual_report06.html">http://www.ephc.gov.au/nepc/annual_report06.html</a></p> <p>2006-07:</p> <p>WA jurisdiction report was submitted to the NEPC and incorporated into the NEPC Annual Report 2006-07, located at: <a href="http://www.ephc.gov.au/nepc/annual_report07.html">http://www.ephc.gov.au/nepc/annual_report07.html</a></p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
					<p>2007-08:</p> <p>Due to the nature of the reporting periods and approval process the NEPC Annual Plan is not publicly available until the following calendar year. WA continues to actively pursue NEPM data from WA Councils and is doing so for the 2007-08 reporting period.</p>
<p><b>Commitment Area:</b> Promote, in cooperation with industry, the provision of resource recovery community education, particularly with regard to the community's role, in good practice collection and sorting schemes</p>					
	<p>Community Grant Scheme, a funding scheme that supports local, community-scale projects that improve the management of waste in Western Australia.</p>	DEC/WMB	Annually from Aug 2005	Number and value of grants awarded	<p>2006-07: 17 projects, total funding: \$119,586</p> <p>2007-08: 10 projects, total funding: \$105,154</p> <p>The projects are relatively small scale and range from the introduction of public place recycling at particular regional sites, the introduction of a bio-diesel plant for re-using cooking oil, recycling demonstration sites, public awareness and community education on the principles of reduce-reuse-recycle and the provision of assistance in event waste management. Due to the community nature of these projects and the poor resources for managing the projects feedback on project progress and success is minimal with no quantitative analysis on the impact on the waste streams.</p>
<p><b>Commitment Area:</b> Promote the adoption of the principles and undertakings set out in the Covenant and the benefits of becoming a signatory to the Covenant</p>					
	<p>Continued participation in industry and Local Government seminars promoting the Covenant</p>	DEC/WMB	Bi-annually	Number of seminars held and attended by DEC officers	<p>2005-06:</p> <p>Two NPC Breakfast Seminars; a Funding Lunch Workshop; Workshop at the Waste &amp; Recycle Conference 2006; State Government Seminar.</p> <p>2006-07:</p> <p>Information Session 25/10/2006; Two NPC breakfast seminars (one regional, one metropolitan).</p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
					<p>2007-08:</p> <p>DEC assisted the Secretariat in the delivery of a training session on the preparation of Covenant action plans and annual reports. In addition DEC sponsored, under the Covenant logo, the coffee stall at the Waste and Recycle Conference 2007, in the process promoting the Covenant principles to those attending the conference (large local government presence).</p>
	<p>Ongoing communication with WA brand owners on the Covenant and the NEPM</p>	<p>DEC/WMB</p>	<p>Ongoing for life of this Action Plan</p>	<p>Number of brand-owners contacted and number of new WA signatories to the Covenant</p>	<p>2006-07:</p> <p>Consultant PPR was hired to contact brand owners. Over 400 brand owners were contacted via email and follow-up calls to provide information on the NPC and the NPC breakfast seminars. The number of WA signatories to the Covenant in 2006-07 was: 13. Of this number 2 were new to the Covenant.</p> <p>2007-08:</p> <p>There was a strong focus on prioritising the development of compliance guidelines for implementation of the <i>Environmental Protection (NEPM-UPM) Regulations 2007</i>. These guidelines set the procedure for contacting WA brand owners under the NEPM. As a result there was little pro-active engagement of brand owners during the reporting period but the ground work has been established for activity in the 2008-09 period.</p> <p>During the reporting period one recycler withdrew from the Covenant while 4 brand owners signed up bringing the total number of WA signatories to 16.</p>

**NEPM – USED PACKAGING MATERIALS**

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Implement the NEPM, 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 as a result.					
	Develop Environmental Protection (Used Packaging Materials) Regulations 2005	DEC	April 2007	Regulations gazetted	COMPLETE This action was completed when the <i>Environmental Protection (NEPM-UPM) Regulations 2007</i> were gazetted and enforced on 27 April 2007.
	Application of nationally agreed methodology to conduct an audit of records kept by Western Australian brand owners who are operating under the NEPM (as per Cl. 16(4) of the NEPM)	DEC	As required	Number of WA brand owners audited	2006-07: Nil 2007-08: Nil; there are no WA brand owners that have nominated to operate under the NEPM.
	Application of nationally agreed methodology to conduct a survey of packaged products sold by retailers and /or surveys of brand owners represented in materials recovery system in Western Australia (as per Cl. 18 of NEPM)	DEC	Annually	Survey conducted and data provided to national group	2006-07: The survey was conducted in September 2006. Consultant hired, conducted survey, over 2000 products were surveyed from approx. 6 businesses, 56% were non-signatories 2007-08: Conducted in March 2008 the survey data was incorporated into national data that identified a potential 625 non-signatories to the Covenant. Of the non-signatories 47 were based in WA.
	Submission of annual report on implementation of NEPM in Western Australia to the National Environment Protection Council (NEPC)	DEC	Annually from Sept 2006	Report published on EPHC website	2005-06: Report completed and located on the EPHC website at: <a href="http://www.ephc.gov.au/pdf/annrep_05_06/AR_Jur_All_WA_05-06.pdf">http://www.ephc.gov.au/pdf/annrep_05_06/AR_Jur_All_WA_05-06.pdf</a> 2006-07: Report completed and located on the EPHC website at: <a href="http://www.ephc.gov.au/nepc/annual_report07.html">http://www.ephc.gov.au/nepc/annual_report07.html</a>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
					<p>2007-08:</p> <p>Due to the nature of the reporting periods and approval process the NEPC Annual Plan is not publicly available until the following calendar year. WA continues to actively pursue NEPM data from WA Councils and is doing so for the 2007-08 reporting period.</p>
	Liaison with other jurisdictions regarding implementation of the NEPM, as required	DEC	Ongoing for the life of this Action Plan	No incidence of inconsistency in NEPM implementation across jurisdictions	<p>2006-07:</p> <p>Liaised regularly with VIC, QLD, SA, and NSW to ensure consistent application of the NEPM.</p> <p>2007-08:</p> <p>Liaised regularly with VIC, QLD, SA, and NSW to ensure consistent application of the NEPM.</p>
	Develop a strategy for pursuing priority non-compliant brand-owners and advise of pending enforcement action	WMB/DEC	Jan 2008	Strategy completed	<p>COMPLETE</p> <p>Completed late in the reporting period, the compliance guidelines provide a clear and consistent procedure for contacting brand owners that are either non-signatories to the Covenant or non-compliant with the Covenant. The compliance guidelines are expected to be implemented in the 2008-09 reporting period.</p>

**STATEWIDE MONITORING & REPORTING**

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Cooperate in producing reliable data on a national basis on the performance of disposal and materials recovery systems dealing with used consumer packaging and paper and provide all relevant data to the Covenant Council to assist it in reporting against Covenant goals and targets					
	Establish regular data reports to be published on the Zero Waste website	DEC/WMB	June 2008	Data published on Zero Waste website	ONGOING Data and reports are published on the website: <a href="http://www.zerowaste.com.au">www.zerowaste.com.au</a> Data related publications can be found at the following link: <a href="http://www.zerowastewa.com.au/communication/publications/da/">http://www.zerowastewa.com.au/communication/publications/da/</a>
	Explore mechanisms for collecting data (voluntary and mandatory) from Councils, Local Government, reprocessors, landfills and other stakeholders	DEC/WMB	Dec 2008	Recommendations provided to the WMB	ONGOING 2006-07: Implementation of the Zero Waste Planning Development Scheme to facilitate improved data collection from Local Government. Contract recently awarded for Review of Recycling review 06/07 which will incorporate NEPM reporting requirements 2007-08: Online reporting systems revised and streamlined to further facilitate data collection from Local Government including NEPM reporting requirements for Used Packaging Materials. It was observed that participation rates declined after withdrawing the financial incentives for completion of surveys that was provided in 2006-07.
	Develop waste audit protocols and templates	DEC/WMB	Dec 2007	Protocols and templates available on Zero Waste website	COMPLETE The “ <i>Kerbside Waste and Recycling Audit Manual</i> ” was released by the Department of Environment and Conservation mid 2008 and is available online: <a href="http://www.zerowastewa.com.au/ourwork/datacollection/">http://www.zerowastewa.com.au/ourwork/datacollection/</a>

## GOVERNMENT WASTE REDUCTION AND PURCHASING POLICY - PURCHASING

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Facilitate the implementation of purchasing policies for recycled content goods					
	Develop best practice waste reduction and procurement policy for Government	DEC/WMB	Sept 2009	Policy completed and circulated to all agencies	The formation of a <i>DECcrease</i> Committee has been endorsed by Corporate Executive. The <i>DECcrease</i> program will incorporate waste reduction and green procurement as part of its goals. At this stage the <i>DECcrease</i> program is in the process of developing a work plan, communications strategy and policy statement for implementation within DEC. It is not clear that the policy will be circulated to all State Government agencies, but it is intended that DEC be seen as a government leader in issues of sustainability.
	Review the performance of State Government agencies on the waste component of the Eco-Office Program	DEC/WMB	March 2008	Review completed with findings and recommendations provided to the WMB	<p>A consultancy review Report that surveyed 107 State Government agencies was completed in September 2007.</p> <p>The survey identified that during 2005-06 96% of State Government agencies participated in an office paper recycling program, however, only 6% of agencies participated in co-mingled beverage and food container recycling.</p> <p>The survey established that 36% of the agencies have an Eco-Office Program however the focus was often on energy efficiency or other sustainability actions. Only 3 of the agencies had undertaken a comprehensive waste audit through a consultant.</p> <p>In regard to the State Supply Commission Environmental Procurement Guide, only 7% of agencies indicated that they gathered data on the recycled content products that they purchased.</p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
	Roll out Eco-Office Program to other Government agencies	DEC/DPC	Dec 2008	Number of agencies implementing Eco-office program	<p>2006-07:</p> <p>Awaiting approval from the Corporate Executive committee to establish the DEC 'DECcrease' Committee and programs prior to rolling out to other Government Agencies</p> <p>2007-08:</p> <p>The formation of a <i>DECcrease</i> Committee has been endorsed by Corporate Executive. The group has been meeting since April 2008 and has been working to develop a work plan, communications strategy and <i>DECcrease</i> Policy Statement. The latter is currently with Corporate Executive for their endorsement.</p> <p>The <i>DECcrease</i> project encompasses the basics of an Eco Office program, however goes well beyond this to reflect the range of activities undertaken by DEC. At this point, the <i>DECcrease</i> project is intended as an internal sustainability program aimed at positioning DEC as a leader in sustainability issues. There is currently no intent to broaden the project to other government agencies, however a number of other State Government agencies do implement independent Eco-Office Programs.</p>
	Review status and effectiveness of the <i>Environmental Procurement Policy</i>	DEC / WMB / SSC / DTF	Dec 2008	Policy reviewed and recommendations noted	<p>COMPLETE</p> <p>The State Supply Commission Procurement Policy was upgraded in Oct 2007 to reflect stronger emphasis on purchasing environmentally preferred products.</p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
	Develop a website to assist Government officers to implement waste reduction and purchasing policy initiatives	DEC/DTF	Dec 2008	Website live and maintained	<p>2006-07: Zero Waste WA Website established in June 2007 and provides links to companies selling recycled and/or recyclable products available in Western Australia. Program being upgraded to include products relevant to state government agencies.</p> <p>2007-08: The Zero Waste WA Website continues to provide links to companies selling recycled products: <a href="http://www.zerowastewa.com.au/recovery/community/">http://www.zerowastewa.com.au/recovery/community/</a></p> <p>The State Government of Western Australia is also a sponsor of the Buy Recycled Business Alliance (BRBA). The BRBA launched its Recycled Product Directory in 2008, Australia's first truly national directory devoted to recycled products.</p> <p>The recycled product directory can be found at the following link: <a href="http://rcp.brba.com.au/">http://rcp.brba.com.au/</a></p>
<b>Commitment Area:</b> Identify and seek to remove barriers to the purchase of recycled content goods and services					
	Work with government agencies to identify and address barriers to the purchase of recycled content goods	DEC/ WMB/ SSC/ DTF	Sept 2008	Barriers identified	<p>Awaiting approval from the Corporate Executive Committee to move forward with the <i>DECcrease</i> committee and associated programs which brings the DEC to best practice, prior to working with other government agencies.</p> <p>It is intended that the <i>DECcrease</i> Program involves ongoing liaison with other government agencies working on other sustainability projects.</p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
	Ensure the State Government Contract for the supply of copy and printing paper encourages the purchasing of recycled paper	DEC/DTF	Ongoing Annually	Amount of non-recycled and recycled paper consumed by all government agencies	<p>ONGOING</p> <p>DEC maintains representation on the DTF Common Use Agreement (CUA) panel that reviews purchasing of copy paper.</p> <p>Currently the existing CUA requires the successfully tendered supplier to report on the recycled content of materials supplied. It is anticipated that a minimum recycled content requirement will be incorporated into future CUAs.</p>

## GOVERNMENT WASTE REDUCTION MONITORING AND REPORTING

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Indicative baseline data (where available) against KPIs, including qualifiers and assumptions					
	Include contractor reporting requirements in the revised Waste Disposal and Recycling Services Contract for Government Agencies	DEC/DTF	February 2006	Contractors reporting total paper, co-mingled and general waste collected from individual government agencies	<p>2005-06: Report at Zero Waste WA website: <a href="http://www.zerowastewa.com.au/documents/govt_paper_rec_0506.pdf">http://www.zerowastewa.com.au/documents/govt_paper_rec_0506.pdf</a></p> <p>737,006 kilograms of Government consumed paper was recycled in 2005-06.</p> <p>2006-07: 708,856 kilograms of Government consumer paper was recycled in 2006-07. Report at Zero Waste WA website: <a href="http://www.zerowastewa.com.au/documents/govt_paper_rec_0607.pdf">http://www.zerowastewa.com.au/documents/govt_paper_rec_0607.pdf</a></p> <p>2007-08: 630,891 kilograms of Government consumer paper was recycled in 2006-07. Report at Zero Waste WA website: <a href="http://www.zerowastewa.com.au/documents/govt_paper_rec_0708.pdf">http://www.zerowastewa.com.au/documents/govt_paper_rec_0708.pdf</a></p>

## **ORGANISATIONS REFERRED TO IN THE ACTION PLAN**

Department of Environment & Conservation (DEC)

Waste Management Board (WMB)

Keep Australia Beautiful Council (KABC)

Department of Premier and Cabinet (Sustainability Policy Unit) (DPC SPU)

Department of Treasury and Finance (DTF)

State Supply Commission (SSC)

Packaging Stewardship Forum (PSF)

Buy Recycled Business Alliance (BRBA)

## KEY PERFORMANCE INDICATORS

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>KPI 8 – Consumer packaging as a % by weight of total waste and relative to other waste stream components</b>					
	Coordinate implementation of Western Australian component of survey in accordance with agreed national methodology	DEC	Annually from Oct 2006	<p><b>8A.</b> Report consumer packaging by weight as a % of total household waste and also relative to other household waste stream components.</p> <p><b>8B.</b> Report consumer packaging by weight as a % of commercial and industrial waste and relative to other C&amp;I waste stream components</p>	<p><b>8A:</b></p> <p>2006-07: Packaging comprised 22% of the domestic kerbside stream.</p> <p>2007-08: DEC is not aware of any kerbside waste stream audits, meeting the minimum agreed inter-jurisdictional standards, that were undertaken in WA during the 2007-08 reporting period.</p> <p><b>8B:</b></p> <p>2006-07: 788,110 tonnes of C&amp;I waste was disposed to landfill, which was 23% of total waste to landfill.</p> <p>An independent study demonstrated that of the C&amp;I waste disposed to landfill in the Perth metropolitan region: 11% Cardboard, 4% Plastic – bags and film, 2% paper, 1% Glass, 0.2% polystyrene, and 0.1% waxed cardboard.</p> <p>The C&amp;I waste data was compiled from five sites and 1 transfer station in the Perth metropolitan region over a two-day period. The report is available at: <a href="http://www.zerowastewa.com.au/documents/ci_cd_wastestream_audits_07.pdf">http://www.zerowastewa.com.au/documents/ci_cd_wastestream_audits_07.pdf</a></p> <p>2007-08: DEC is not aware of any C&amp;I waste stream audits that were undertaken in WA during the 2007-08 reporting period.</p>

**KPI 9 – Total weight of consumer packaging recycled, through: (a) Domestic and (b) Away from Home recovery systems**

<p>Establish baseline data for total weight of consumer packaging recycled in Western Australia</p>	<p>DEC</p>	<p>Annually from Oct 2006</p>	<p><b>9A</b> Report total tonnes recycled per annum, by material type for a) domestic and b) 'Away from Home' recovery systems</p>	<p>a) Domestic kerbside recycling collections as reported by WA Councils for 2006-07 (128 Councils reported) and 2007-08 (93 Councils reported).</p> <table border="1"> <thead> <tr> <th></th> <th colspan="3">Kerbside Recycling Collected</th> </tr> <tr> <th>Material Type (tonnes recycled)</th> <th>2006/07</th> <th>2007/08</th> <th>% Change</th> </tr> </thead> <tbody> <tr> <td>Total packaging paper i.e. cardboard and liquid paper board</td> <td>17,691</td> <td>12,605</td> <td>-28.75%</td> </tr> <tr> <td>Total non packaging paper i.e. paper mixed, paper white office, newspaper and magazines</td> <td>105,442</td> <td>60,856</td> <td>-42.28%</td> </tr> <tr> <td>Total Glass</td> <td>17,563</td> <td>16,856</td> <td>-4.03%</td> </tr> <tr> <td>Total Plastics</td> <td>4,900</td> <td>3,882</td> <td>-20.78%</td> </tr> <tr> <td>Total aluminium</td> <td>1,690</td> <td>956</td> <td>-43.43%</td> </tr> <tr> <td>Total Steel</td> <td>2,673</td> <td>1,320</td> <td>-50.62%</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>149,959</b></td> <td><b>115,770</b></td> <td><b>-22.80%</b></td> </tr> </tbody> </table> <p>b) 'Away from Home' recycling collections as reported by WA Councils for 2006-07 (128 Councils reported) and 2007-08 (93 Councils reported).</p> <table border="1"> <thead> <tr> <th></th> <th colspan="3">Residential Drop Off Recycling Collected</th> </tr> <tr> <th>Material Type (tonnes recycled)</th> <th>2006/07</th> <th>2007/08</th> <th>% Change</th> </tr> </thead> <tbody> <tr> <td>Total packaging paper i.e. cardboard and liquid paper board</td> <td>5,043</td> <td>782</td> <td>-84.50%</td> </tr> <tr> <td>Total non packaging paper i.e. paper mixed, paper white office, newspaper and magazines</td> <td>23,742</td> <td>306</td> <td>-98.71%</td> </tr> <tr> <td>Total Glass</td> <td>3,672</td> <td>860</td> <td>-76.58%</td> </tr> <tr> <td>Total Plastics</td> <td>371</td> <td>162</td> <td>-56.33%</td> </tr> <tr> <td>Total aluminium</td> <td>267</td> <td>141</td> <td>-47.19%</td> </tr> <tr> <td>Total Steel</td> <td>674</td> <td>348</td> <td>-48.37%</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>33,769</b></td> <td><b>2,599</b></td> <td><b>-92.30%</b></td> </tr> </tbody> </table>		Kerbside Recycling Collected			Material Type (tonnes recycled)	2006/07	2007/08	% Change	Total packaging paper i.e. cardboard and liquid paper board	17,691	12,605	-28.75%	Total non packaging paper i.e. paper mixed, paper white office, newspaper and magazines	105,442	60,856	-42.28%	Total Glass	17,563	16,856	-4.03%	Total Plastics	4,900	3,882	-20.78%	Total aluminium	1,690	956	-43.43%	Total Steel	2,673	1,320	-50.62%	<b>TOTAL</b>	<b>149,959</b>	<b>115,770</b>	<b>-22.80%</b>		Residential Drop Off Recycling Collected			Material Type (tonnes recycled)	2006/07	2007/08	% Change	Total packaging paper i.e. cardboard and liquid paper board	5,043	782	-84.50%	Total non packaging paper i.e. paper mixed, paper white office, newspaper and magazines	23,742	306	-98.71%	Total Glass	3,672	860	-76.58%	Total Plastics	371	162	-56.33%	Total aluminium	267	141	-47.19%	Total Steel	674	348	-48.37%	<b>TOTAL</b>	<b>33,769</b>	<b>2,599</b>	<b>-92.30%</b>
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KPI 11 – Number of Councils operating according to good practice collection principles and state-based benchmarks				
<p>In association with the WA Jurisdictional Projects Group, determine state-based benchmarks for good practice collection principles in WA</p>	<p>WMB</p>	<p>Mar 2008</p>	<p>State-based benchmarks determined</p>	<p>In 2007 DEC commissioned CardnoBSD to undertake a review and assessment of kerbside and drop-off recycling collection systems in WA.</p> <p>The report will assist DEC to develop guidelines that recommend preferred recycling collection service models for Local Governments and therefore assist DEC to meet its obligations as a signatory to the NPC.</p> <p>The report recommends different preferred services for urban, regional developed or rural regions. DEC understands that a range of systems will be needed to meet the varying circumstances within which local authorities provide recycling services. DEC has initiated this report to provide a source of information on the cost, effectiveness and performance of the various systems for those Local Government Authorities seeking to evolve their current collection services.</p> <p>The report is available at:  <a href="http://www.zerowastewa.com.au/documents/kerbside_transport_station_final_report_June08.pdf">http://www.zerowastewa.com.au/documents/kerbside_transport_station_final_report_June08.pdf</a></p>
<p>Establish mechanism for determining the number of Councils operating according to good practice collection principles and state-based benchmarks</p>	<p>WMB</p>	<p>Sep 2006</p>	<p><b>11A</b> Report by State, the number of Councils meeting state based benchmarks for good practice recyclables collection</p>	<p>2006-07:                      45 councils currently provide fortnightly 240 MGB kerbside recycling collection</p> <p>2007-08:                      56 local governments provide fortnightly 240 MGB kerbside recycling collection.</p>

KPI 12 – Percentage of households with access to kerbside collection systems				
Continue to collect data from Western Australian local Councils as per reporting requirements under the NEPM	DEC	Annually from Oct 2006	<b>12A</b> Report on the number of households, as a percentage of total households within the state that have access to a kerbside post consumer packaging and paper collection system	2006-07: 87% of households within the state were reported to have access to a kerbside collection system  2007-08: 88% of households within the state were reported to have access to a kerbside collection system
KPI 13 – Percentage of households with access to other domestic collection systems				
Continue to collect data from Western Australian local Councils as per reporting requirements under the NEPM	DEC	Annually from Oct 2006	<b>13A</b> Report on the number of households, as a percentage of total households within their municipality, that have access to a domestic collection system – other than those systems reported in KPI12	2006-07: 3.5% households within the state do not have access to any recycling services  2007-08: Information not available.
KPI 15 – Percentage of Councils and government agencies providing public place recycling infrastructure				
Investigate which Government Agencies provide, or potentially should provide, public place recycling infrastructure	DEC/WMB	Mar 2006	<b>15A.</b> Report number of government agencies providing public recycling facilities as a percentage of government agencies with public place responsibilities	2006-07: 2% of government agencies are currently providing public recycling facilities  2007-08: It was determined that 17 State Government Agencies have public place responsibilities, 5 of the agencies reported providing any form of public place recycling. That is 29.4% of government agencies with public place responsibilities are providing public place recycling.

Investigate which Local Government provide public place recycling infrastructure	DEC/WMB	Mar 2006	<b>15B</b> Report number of councils providing public place recycling facilities as a percentage of local councils	2006-07: 17% of local governments provide public place recycling facilities 2007-08: 21% of local governments that reported have public place recycling facilities.
Develop reporting mechanism for Government Agencies to report number of bins provided each year	DEC/WMB	Annually from Oct 2006	<b>15C.</b> Report total number of recycling bins provided by agencies	2006-07: 1,589 bins 2007-08: unknown, insufficient reporting
Develop reporting mechanism for Local Government to report number of bins provided each year	DEC/WMB	Annually from Oct 2006	<b>15D.</b> Report total number of recycling bins provided by councils	2006-07: <ul style="list-style-type: none"> <li>▪ 678,686 residential</li> <li>▪ 13,836 non-residential</li> </ul> 2007-08: <ul style="list-style-type: none"> <li>▪ 647,691 residential (reported)</li> <li>▪ 18,984 non-residential (reported)</li> </ul>
<b>KPI 16 – Percentage of signatories providing recycling collection facilities for post-consumer packaging generated on-site</b>				
Encourage Government Agencies to provide on-site recycling collection facilities	DEC/WMB	Oct 2006	The number of Government Agencies contacted	2007-08: 117 State Government Agencies were contacted, and 107 participated in a survey undertaken by Dallywater Consulting in December 2006. While the majority of agencies provide an office paper recycling service, only 6 agencies provide a recycling service for beverage containers and food packaging.

<p>Establish baseline number of recycling collection facilities provided in government offices</p>	<p>DEC</p>	<p>Annually from Oct 2006</p>	<p><b>16A</b> Report whether on-site recycling facilities are provided or not  <b>16B</b> If yes, provide details</p>	<p>2007-08:  117 State Government Agencies were contacted, and 107 participated in a survey undertaken by Dallywater Consulting in December 2006. Of the Government agencies who participated in the survey, 94 provided recycling collection facilities at 1,589 points of collection.</p>
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**KPI 17 – Amount and type of consumer packaging in the litter stream**

<p>Coordinate implementation of Western Australian component of litter survey in accordance with agreed national methodology</p>	<p>DEC</p>	<p>Annually from Oct 2006</p>	<p><b>17A.</b> Report the amount and type of consumer packaging in the litter stream</p>	<p>2006-07:</p> <p>The overall average number of items per 1,000 m<sup>2</sup> across all of the 151 sites surveyed within WA during the counts in the year of 2006/ 2007 was 83, whilst the overall average estimated volume per 1,000 m<sup>2</sup> was 12.19 litres.</p> <p>The National Litter Index 2006/07 is located at:  <a href="http://www.kab.org.au/dbase_upl/a%20NLI%20report%200607%200506.pdf">http://www.kab.org.au/dbase_upl/a%20NLI%20report%200607%200506.pdf</a></p> <table border="1" data-bbox="1317 671 2168 1034"> <thead> <tr> <th rowspan="2">MATERIALS</th> <th colspan="2">TOTAL (# Items)</th> <th rowspan="2">% change</th> </tr> <tr> <th>2006-07</th> <th>2007-08</th> </tr> </thead> <tbody> <tr> <td>Glass</td> <td>503</td> <td>762</td> <td>+51.5%</td> </tr> <tr> <td>Metal</td> <td>1530</td> <td>1804</td> <td>+17.9%</td> </tr> <tr> <td>Paper/Paperboard</td> <td>2895</td> <td>3689</td> <td>+27.4%</td> </tr> <tr> <td>Plastic</td> <td>3507</td> <td>4337</td> <td>+23.7%</td> </tr> <tr> <td><b>TOTAL (for above specified materials)</b></td> <td><b>8435</b></td> <td><b>10592</b></td> <td><b>+25.6%</b></td> </tr> </tbody> </table> <p>2007-08:</p> <p>The overall average number of items per 1,000 m<sup>2</sup> across all of the 151 sites surveyed within WA during the counts in the year of 2007/ 2008 was 85, whilst the overall average estimated volume per 1,000 m<sup>2</sup> was 13.06 litres.</p> <p>The National Litter Index 2007/08 is located at:  <a href="http://www.kab.org.au/01_cms/details.asp?ID=5">http://www.kab.org.au/01_cms/details.asp?ID=5</a></p>	MATERIALS	TOTAL (# Items)		% change	2006-07	2007-08	Glass	503	762	+51.5%	Metal	1530	1804	+17.9%	Paper/Paperboard	2895	3689	+27.4%	Plastic	3507	4337	+23.7%	<b>TOTAL (for above specified materials)</b>	<b>8435</b>	<b>10592</b>	<b>+25.6%</b>
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<b>KPI 18 – Contamination rates in consumer packaging recovery systems (e.g. Kerbside, events, venues, public places, workplaces)</b>				
Continue to collect data from Western Australian local Councils as per reporting requirements under the NEPM	DEC	Annually from Oct 2006	<b>18A.</b> Report % contamination from domestic systems.	2006-07: Overall domestic recycling contamination rate: 22%  2007-08: An NPC funded Weekly Kerbside Recycling Collection Trial was completed by the Southern Metropolitan Regional Council during 2007-08.  The final report is available at: <a href="http://www.packagingcovenant.org.au/documents/File/Weekly%20Collection%20of%20Recyclables%20Trial%20Final%20Report.pdf">http://www.packagingcovenant.org.au/documents/File/Weekly%20Collection%20of%20Recyclables%20Trial%20Final%20Report.pdf</a>  Results of the report indicate that contamination rates in the kerbside recycling stream varied on a weekly basis during the trial period between a range from 4% through to 17%.  NEPM data reported by Councils for the 2007-08 period indicates an average state-wide contamination rate of 16.6%.
Coordinate implementation of Western Australian component of survey in accordance with agreed national methodology	DEC	Annually from Oct 2006	<b>18B</b> Report % contamination from Away from Home systems  <b>18C</b> Report specific examples of % contamination by system or location if available	18B: No state-wide or system-wide monitoring or reporting of contamination rates in Away from Home systems has been achieved in WA.  18C: In the 2006-07 reporting period an event recycling project 'Wave Rock Weekender' was funded by the NPC and this project observed that the average contamination of recyclables was 22.6%.
<b>KPI 20 – Improvements in littering behaviour</b>				
Work with other jurisdictions in the development of national methodology for reporting against this KPI	DEC	June 2006  Feb 2007	Methodology developed  Branded Litter Survey methodology developed	COMPLETED  Nationally consistent methodologies have been developed for: <ul style="list-style-type: none"> <li>• National Litter Index (Keep Australia Beautiful)</li> <li>• Branded Litter Survey (KAB)</li> </ul>

<p>Coordinate implementation of Western Australian component of survey in accordance with agreed national methodology</p>	<p>DEC</p>	<p>Bi-annual from Oct 2006</p>	<p><b>20A</b> Report details of specific aspects of littering behaviour and trends in behaviour over time Report is amount of litter not behaviour.</p>	<p>2006-07:</p> <p>The National Litter Survey was undertaken twice per year (Nov 06 and May 07)</p> <p>The Branded Litter Survey was implemented in May 2007</p> <p>2007-08:</p> <p>Field surveys for the National Litter Survey were undertaken in Nov 2007 and May 2008 with the annual report published in July 2008.</p> <p>The results of the survey (see table over page) indicate that while the national litter trend appears to be decreasing both in number of items littered and volume per 1,000m<sup>2</sup>, litter has increased in WA and it is now the most littered state.</p> <table border="1" data-bbox="1312 756 2177 1391"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Items per 1,000m<sup>2</sup></th> <th colspan="3">Volume (litres) per 1,000m<sup>2</sup></th> </tr> <tr> <th>05/ 06</th> <th>06/ 07</th> <th>07/08</th> <th>05/ 06</th> <th>06/ 07</th> <th>07/08</th> </tr> </thead> <tbody> <tr> <td><b>NATION AL</b></td> <td>70</td> <td>74</td> <td>68</td> <td>8.86</td> <td>9.68</td> <td>8.58</td> </tr> <tr> <td><b>ACT</b></td> <td>-</td> <td>68</td> <td>56</td> <td>-</td> <td>7.04</td> <td>6.06</td> </tr> <tr> <td><b>NSW</b></td> <td>80</td> <td>71</td> <td>77</td> <td>14.95</td> <td>14.69</td> <td>11.90</td> </tr> <tr> <td><b>NT</b></td> <td>-</td> <td>64</td> <td>60</td> <td>-</td> <td>5.32</td> <td>7.24</td> </tr> <tr> <td><b>QLD</b></td> <td>89</td> <td>86</td> <td>76</td> <td>7.66</td> <td>7.59</td> <td>7.44</td> </tr> <tr> <td><b>SA</b></td> <td>60</td> <td>61</td> <td>68</td> <td>7.23</td> <td>11.08</td> <td>9.55</td> </tr> <tr> <td><b>TAS</b></td> <td>59</td> <td>70</td> <td>61</td> <td>5.15</td> <td>6.68</td> <td>5.90</td> </tr> <tr> <td><b>VIC</b></td> <td>71</td> <td>80</td> <td>48</td> <td>7.87</td> <td>7.74</td> <td>4.19</td> </tr> <tr> <td><b>WA</b></td> <td>60</td> <td>83</td> <td>85</td> <td>8.57</td> <td>12.19</td> <td>13.06</td> </tr> </tbody> </table>		Items per 1,000m <sup>2</sup>			Volume (litres) per 1,000m <sup>2</sup>			05/ 06	06/ 07	07/08	05/ 06	06/ 07	07/08	<b>NATION AL</b>	70	74	68	8.86	9.68	8.58	<b>ACT</b>	-	68	56	-	7.04	6.06	<b>NSW</b>	80	71	77	14.95	14.69	11.90	<b>NT</b>	-	64	60	-	5.32	7.24	<b>QLD</b>	89	86	76	7.66	7.59	7.44	<b>SA</b>	60	61	68	7.23	11.08	9.55	<b>TAS</b>	59	70	61	5.15	6.68	5.90	<b>VIC</b>	71	80	48	7.87	7.74	4.19	<b>WA</b>	60	83	85	8.57	12.19	13.06
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				<p>A complete study and report was conducted in May 2008 with major findings demonstrating that non-alcoholic beverage containers and packaging represented the largest portion of the branded litter objects identified nationally (21.4%). Analysis of category results throughout Australia shows that highway sites contributed the highest proportion of branded litter across all industry categories.</p>
<p>Continue to provide support for the Keep Australia Beautiful Council (WA) for the Tidy Towns and Clean Beach Challenge Award Programs to promote litter prevention and control throughout WA</p>	DEC	Annually from 2006	<p>Tidy Towns and Clean Beach Challenge Awards Programs conducted.</p>	<p>2006-07:</p> <p>Collie won the National Tidy Town Award in 2006. Cue competed in the National Tidy Town Awards in 2007 – won the Litter Category.</p> <p>Clean Beach Challenge Awards was not run in WA during this reporting period.</p> <p>2007-08:</p> <p>Sustainable Communities – Tidy Towns The State winner was Walpole with regional winners including Walpole, Badgingarra, Cocos (Keeling) Islands, Djarindjin Community, Kambala, Wongon Hills, Hopetuoan and Cuballing.</p> <p>Clean Beach Challenge This program commenced late 2007 and was completed in April 2008. Scarborough Beach won the title of WA's <i>Clean Beach Winner</i>. Scarborough Beach then competed in the National Clean Beach Challenge and won the <i>Litter Prevention and Resource Recovery Awards</i>.</p>
<p><b>KPI 21 – Estimated tonnage of consumer packaging sent (a) for recycling and (b) to landfill from on-site collection facilities.</b></p>				
<p>Waste Audits to be undertaken as deemed statistically necessary to gain adequate data to report annual packaging waste in general waste stream for each Agency</p>	DEC and required Agencies	Dec 2008	<p><b>21A</b> Report on amounts of consumer packaging from on-site collection which is:</p> <ul style="list-style-type: none"> <li>▪ sent for recycling (tonnes and % of total waste); and</li> <li>▪ sent to landfill (tonnes and % of total waste)</li> </ul>	<p>No waste auditing has been conducted for DEC. the intention is to carry this out once the DECREASE Project is commenced.</p>

KPI 24 – Implementation of NEPM procedures by jurisdictions				
Maintain internal records regarding the number of companies contacted	DEC	Annually from Oct 2006	<p><b>24A</b> Report number of companies contacted in relation to NPC and NEPM, including:</p> <ul style="list-style-type: none"> <li>▪ Number of Covenant non-signatories followed up</li> <li>▪ Number of non-complying Covenant signatories followed up</li> </ul>	<p>2006-07</p> <p>During the 2006-07 reporting period DEC successfully gazetted the <i>Environmental Protection (NEPM-UPM) Regulations 2007</i> that implement the NEPM within Western Australia.</p> <p>As the Regulations were only gazetted on 27 April 2007 <b>nil</b> non-signatories or non complying Covenant signatories were contacted during the 2006/07 reporting period.</p> <p>2007-08</p> <p>During the 2007-08 reporting period DEC developed guidelines for implementation of compliance activities under the Regulations and NEPM. The guidelines ensure consistent and transparent implementation of the Regulations.</p> <p><b>One</b> non-signatory was followed up under the Regulations with the brand owner nominating to become a signatory to the Covenant.</p> <p><b>Nil</b> WA based non-complying Covenant signatories were referred during the reporting period.</p>
KPI 25 – Enforcement of the NEPM to “free-riders” and non-compliant Covenant Signatories				
Enforce the Environmental Protection (Used Packaging Materials) Regulations 2007 and maintain internal records regarding the number of formal enforcement actions taken.	DEC	Annually from Oct 2006	<p><b>25A</b> Report number of prosecutions/fines issued</p>	<p>The Regulations were gazetted on 27 April 2007.</p> <p>There have been no prosecutions/fines issued since the Regulations were gazetted.</p>

KPI 26 - Implementation of Buy Recycled purchasing policy or practices				
<p>Determine extent to which the <i>Environmental Procurement Policy</i> is implemented across whole of government.</p>	<p>DEC / WMB / State Supply Commission</p>	<p>Annually from Oct 2006</p>	<p><b>26A</b> Report whether the signatory has implemented a Buy Recycled purchasing policy or practices</p> <p><b>26B</b> If yes, provide details and quantitative data where available.</p>	<p>SSC Environmental Procurement Policy 30/07/2004</p> <p>Procurement Policy upgraded Oct 2007 to reflect stronger emphasis on purchasing environmentally preferred products. Consultancy review September 2007 includes audit of state government agencies purchasing programs, however, there is no requirement for agencies to quantify their consumption of recycled and non-recycled content materials and quantitative data is unavailable.</p> <p>The State Government of Western Australia is also a sponsor of the Buy Recycled Business Alliance (BRBA) and provides internet links to that site.</p> <p>The WA Department of Treasury and Finance commenced work on a draft project proposal for a "<i>Western Australian Government Environmentally Sustainable Procurement Framework</i>". This may aid the adoption of the Environmental Procurement Policy across the whole of government.</p> <p>A 2008 survey of 133 State Government Agencies received 87 responses. Of the 87 agencies that responded 73 (83.9%) indicated that they were aware of the Environmental Procurement Policy and 66 (75.9%) agencies used it.</p>
KPI 27 – Establishment of baseline performance data				
<p>Maintain collection systems and analyse data to establish baseline performance data</p>	<p>DEC/WMB</p>	<p>Annually from Oct 2006</p>	<p><b>27B</b> Report established baseline data</p>	<p>To date no baseline data has been achieved as there has been no waste auditing conducted for DEC. The intention is to survey workplaces once the <i>DECcrease</i> Project is commenced.</p> <p>Of 133 State Government Agencies, 14 have indicated that they have undertaken a waste audit at some stage in the past.</p>

<b>KPI 28 – Annual Reporting against Action Plan</b>				
Prepare report and revise Action Plan as necessary by 31 October each year	DEC	Annually from Oct 2006	<b>28A</b> A report submitted on time that outlines progress against baseline data, individual Action Plan commitments, targets and timelines	2006/07 Annual Report completed with the independent auditing process giving it a rating of 3.3 out of 5.  2007/08 Annual Report
<b>KPI 29 – Demonstrated improvement and achievements against individual targets and milestones</b>				
Set targets and milestones in the Action Plan and report progress against these targets and milestones in annual reports	DEC	Annually from Oct 2006	<b>29A</b> Annual report to clearly demonstrate continuous improvement and performance against individual targets and timelines in Action Plan	2006/07 Report complete 2007/08 Report complete

## ACTION AREAS COMPLETED IN PREVIOUS REPORTING PERIODS

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Product Stewardship – Governments must recognise that they have a role in ensuring that legislation, policies and strategies facilitate the implementation of product stewardship					
	Complete drafting instructions for new Waste Bill and presentation to the WA Environment Minister for Cabinet consideration	DEC/WMB/ Parliamentary Counsel	Dec 2005	Cabinet approval granted	Completed.
	Complete drafting Waste Avoidance and Resource Recovery Bill for introduction to Parliament	DEC/WMB	17 October 2007	Bill introduced, second reading speech presented	Completed
	Develop and release Extended Producer Responsibility Policy Statement	DEC/WMB	July 2005	Policy Statement available on Zero Waste website	<a href="http://www.zerowastewa.com.au/documents/epr_ps.pdf">http://www.zerowastewa.com.au/documents/epr_ps.pdf</a>
	Develop EPR priority waste list	DEC/WMB	Oct 2006	Priority waste list published and available on Zero Waste website	<p>The Waste Management Board invited relevant business and industry, and other stakeholders to work with the Board in developing Product Stewardship Agreements for selected Action Products in Western Australia. Six priority areas were identified for voluntary industry product stewardship.</p> <p>Invitation to Participate in Product Stewardship is located at:  <a href="http://www.zerowastewa.com.au/documents/product_stewardship_invite.pdf">http://www.zerowastewa.com.au/documents/product_stewardship_invite.pdf</a></p>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Work cooperatively to develop good practice collection systems and to develop end markets for recovered materials					
	Provide regular opportunities for input by industry, local government and stakeholder groups to WA Government initiatives promoting good practices through formal and informal consultation and participation mechanisms	DEC/WMB	On an as needs basis	Number of workshops, seminars, support processes undertaken to improve kerbside and away from home recycling	In 2006-07 seven regional workshops were held with 101 in attendance; Three metropolitan workshops were held with 110 in attendance

<b>Commitment Area:</b> Facilitate the development of programs that optimise the value for recycled materials					
	Investigate glass and industrial plastics recycling across WA	DEC/WMB	Mar 2006	Completion of investigation and report available on Zero Waste website	Completed in 2006-07:  Used Industrial Plastics in Western Australia – waste management practices and potential recycling activities: <a href="http://www.zerowastewa.com.au/communication/news/article.php?artid=79">http://www.zerowastewa.com.au/communication/news/article.php?artid=79</a>  Market Development Study for Used Glass in WA: <a href="http://www.zerowastewa.com.au/communication/publications/bo/">http://www.zerowastewa.com.au/communication/publications/bo/</a>

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
<b>Commitment Area:</b> Coordinate education and promotion programs and establish a communications framework to facilitate information collation and dissemination to signatories and stakeholders					
	Undertake a comprehensive review of the Waste Wise Schools Program	DEC/WMB	Dec 2005	Review completed and recommendations provided to the WMB	Completed and recommendations endorsed by WMB 13 October 2006  Recommendations have been implemented into the program.

#	SPECIFIC ACTION	RESPONSIBILITY	DATE	MEASURE	PROGRESS
	Establish Jurisdictional Projects Group in WA and include three State Government representatives on this committee	DEC/WMB	Dec 2005	The names and organisation of members available on the Zero Waste website	<a href="http://www.zerowastewa.com.au/whoswho/committees/jpg/">http://www.zerowastewa.com.au/whoswho/committees/jpg/</a> (Attachment 1)
<b>Commitment Area:</b> Promote, in cooperation with industry, the provision or resource recovery community education, particularly with regard to the community's role, in good practice collection and sorting schemes					
	Implement and continually improve strategies and programs to reduce litter, consistent with the Covenant objectives by developing and releasing a Litter Prevention Strategy for Western Australia 2006-2009	DEC	April 2006	Strategy released and available on the Zero Waste website	The Strategy was released in April 2006 and is located on the DEC website at: <a href="http://portal.environment.wa.gov.au/pls/portal/docs/PAGE/DOE_ADMIN/DISCUSSION_PAPER_REPOSITORY/STRATPLAN_WEB.PDF">http://portal.environment.wa.gov.au/pls/portal/docs/PAGE/DOE_ADMIN/DISCUSSION_PAPER_REPOSITORY/STRATPLAN_WEB.PDF</a>

## ATTACHMENTS

### ATTACHMENT 1: Membership of WA Jurisdictional Projects Group

Jill Lethlean (Chair)	Dept of Environment & Conservation
Jennie Anderton	Dept of Environment & Conservation
Peter Cropley	Dept of Education & Training
Rebecca Brown	Western Australian Local Government Association (WALGA)
Kyle Boardman	City of Mandurah
Klaus Mueller	Shire of Manjimup
Stephen Fitzpatrick	Eastern Metropolitan Regional Council
Jamie Young	Amcor
Bill Marchbank	Cleanaway
Reuben Gregor	Department of Environment & Conservation