



National Packaging Covenant Hardy Wine Company Annual Report 2005-2006

November 2006

Hardy Wine Company Limited

ABN 86 008 273 907

Reynell Road, Reynella, SA 5161

Tel: 61 8 8392 2222 Fax: 61 8 8392 2191 Email: jim.northey@hardywines.com.au Web: www.hardywines.com.au

CONTENTS

Introduction & Background	Page 3
Key Performance Indicators and Actions	Pages 4–6
NPC Contact	Page 7

ATTACHMENTS

1. HWC FY06 – NPC IDAS Data	Page 8
-----------------------------	--------

INTRODUCTION & BACKGROUND

Hardy Wine Company is the Australian Wine division of Constellation Brands Inc. the world's largest wine company based in New York, USA.

Acknowledgement is given to SAWIA Mentor Program which we joined in 2005 as a prelude to preparation of the annual report in November 2006.

This Action Plan is based on the SAWIA one and is current as of 30 November 2006.

The scope of this document is limited to:

- defining the baseline data generated from our domestic sales reports
- describing the amendments and improvements to the collection and interpretation of future data.

KEY PERFORMANCE INDICATORS: DATA COLLECTION AND REPORTING

The following table summarises the actions proposed for 2006/07, and the consideration of baseline data established November 2006, for specific KPIs.

GOAL	KPI	Reporting measure	Detail	2005/06	2006/07
1	1	1A	Tonnes of packaging by material type by source purchased (local or imported).	Domestic : 30,740 Imported : 2,362	We had to estimate the split in Nov 2006. We will improve on this in the next cycle by identifying the source at each packaging element level.
		1B	Tonnes of packaged product sold	130,132 (sum of packaging plus product)	Collect & report
		1C	Ratio of product to packaging (by weight).	2.94	Collect and compare trends of usage.
	3	3A	Examples of improvements made to packaging and their effect on minimizing the environmental impacts of the packaging	None to report	Identify and report as appropriate.
		3B	Quantitative details of substantial improvements should be provided where available e.g. tonnes of packaging avoided, increased recyclability etc.	No quantitative details available	Identify and report as appropriate.
	4	4A	Changes to protection, safety, hygiene, shelf life or supply chain considerations affecting amount & type of packaging used with examples, and their associated impact on the amounts and types of packaging used	None to report	

GOAL	KPI	Reporting measure	Detail	2005/06	2006/07
		4B	Quantitative details of changes should be provided where possible e.g. additional tonnes of packaging required, changes to materials used etc.	No quantitative details available	Report as appropriate.
	6	6A	Tonnage of "non-recyclable" packaging sold by material type and total	289.17	Collect and compare trends of usage.
		6B	Total "non-recyclable" packaging as a % of total packaging sold	0.88%	Collect and compare trends of usage.
2	16	16A	Provision of on-site recycling facilities?	Yes	
		16B	If yes: details	On site generated cork, cardboard and plastic	
4	21	21A (i)	Amounts of consumer packaging from on-site collection which is (i) Sent for recycling (tonnes and % of total waste); and	FY06 : 10,098 (93.3%) Please note that we have estimated these figure as our internal KPI's do not distinguish between consumer packaging and process waste.	Establish separation of data for FY07. Collect and compare trends of usage.
		(ii)	Sent to landfill (tonnes and % of total waste)	FY06 : 727 (6.7%)	Collect and compare trends of usage.
	22	22A	Formal adoption of EcoPP?	Yes	
		22B	Actions and commitments that demonstrate that the EcoPP has been implemented	Formal agreement by HWC Marketing Department to do so refer to minutes of Steering Committee.	Audit and report specific performance in November 2007.

GOAL	KPI	Reporting measure	Detail	2005/06	2006/07
	26	26A	Implementation of 'Buy Recycled' purchasing policy or practices	no	Develop required policy and implement.
		26B	If yes: details and quantitative data where available	SAWIA Workshop held for members 22 Aug 2006. Companies identified implementation issues; draft policy disseminated for inclusion into individual member policies	Include relevant section into pro-forma reporting tool
5	27	27A	Indicative baseline data (where available), including qualifiers & assumptions, by 30 November 2005	Please refer to attachment	See Appendix 1; include in 2006/07 Annual Report
		27B	Establish baseline data by 31 October 2006	Please refer to attachment	See relevant Appendices in this document
	28	28A	Progress against baseline data, individual Action Plan commitments, targets and timelines		Include in 2006/07 Annual Report
	29	29A	Demonstrate continuous improvement and performance against individual targets and timelines in Action Plan		Include in 2006/07 Annual Report

NPC CONTACT

Jim Northey
Management Systems Manager
Hardy Wine Company Limited
Reynell Road
Reynella
SA 5161
Tel: 08 8392 2120
Fax: 08 8392 2191
Email: jim.northey@hardywines.com.au
Web: www.hardywines.com.au

HWC NPC FY06 Calculations - IDAS KPI's

All Packaging Sites - All Domestic Sales

Dry Goods						
Dry Goods Category ¹	Source (Domestic / Imported)	IDAS Category	Weight of Dry Goods sold per category (kg)	Weight of Dry Goods sold per category (tonnes)	Domestic (Tonnes)	Imported (Tonnes)
Carton	Domestic	Cardboard - Standard	1386788.75	1386.79	1386.79	0.00
Cork Closure	Imported	Other	163573.16	163.57	0.00	163.57
Divider	30/70% Dom/Imp	Cardboard - Standard	269681.74	269.68	80.90	188.78
Glass	95/5% Dom/Imp	Glass	26085103.35	26085.10	24780.85	1304.26
Heat Shrink Caps	Domestic	Plastic (Other) ²	20468.80	20.47	20.47	0.00
Hood	Domestic	Composite	18957.91	18.96	18.96	0.00
Label Back	Domestic	Paper	24452.83	24.45	24.45	0.00
Label Front	Domestic	Paper	30682.10	30.68	30.68	0.00
Label Medal	Domestic	Paper	1038.21	1.04	1.04	0.00
Label Neck	Domestic	Paper	2422.49	2.42	2.42	0.00
Label Sticker	Domestic	Paper	2262.12	2.26	2.26	0.00
Muselete	Imported	Steel	28588.80	28.59	0.00	28.59
Poly Capsule	Domestic	Plastic (Other)	1916.05	1.92	1.92	0.00
Screwtop Closure	Domestic	Aluminium	52357.93	52.36	52.36	0.00
Synthetic Cork	25/75% Dom/Imp	Plastic (Other)	16771.76	16.77	5.03	11.74
Tin Spun Capsule	Imported	Other	3967.15	3.97	0.00	3.97
Mktg Accessories	Domestic	Other	666.82	0.67	0.67	0.00
Plain 4L	Domestic	Cardboard - Standard	731677.37	731.68	731.68	0.00
Other Product	80/20% Dom/Imp	Other	3216733.39	3216.73	2573.39	643.35
Label Carton	Domestic	Paper	14264.86	14.26	14.26	0.00
Barcode Sticker	Domestic	Paper	1139.50	1.14	1.14	0.00
Wine Bag	Domestic	Composite	425193.99	425.19	425.19	0.00
Wine Casks	Domestic	Composite	212681.40	212.68	212.68	0.00
Label Tag	Domestic	Paper	1131.06	1.13	1.13	0.00
Dividers	30/70% Dom/Imp	Cardboard - Standard	26377.32	26.38	7.91	18.46
Sticker	Domestic	n/a	0.00	0.00	0.00	0.00
Wrap Labels	Domestic	n/a	0.00	0.00	0.00	0.00
Casks	Domestic	Cardboard - Standard	110810.07	110.81	110.81	0.00
Timber Box	Domestic	Other	243599.84	243.60	243.60	0.00

Westcap Closures	Domestic	Aluminium	1502.45	1.50	1.50	0.00
ROTE Closures	Domestic	Aluminium	6853.88	6.85	6.85	0.00
Plastic Closures	Domestic	Plastic (Other)	1131.06	1.13	1.13	0.00
Front Label (contract)	n/a	Paper	0.00	0.00	0.00	0.00
Back Label (contract)	n/a	Paper	0.00	0.00	0.00	0.00
Aluminium Cap	n/a	Aluminium	0.00	0.00	0.00	0.00

	Total Dry Goods - kgs	Total Dry Goods - tonnes	Total Domestic Dry Goods - tonnes	Total Imported Dry Goods - tonnes
Total Dry Goods - All Types	33102796.17	33102.80	30740.08	2362.71
Dry Goods Recyclability (mass / %)				
Total Recyclable (kg)¹	32813626.49	32813.63		
Total Non-Recyclable (kg) (KPI 6A)¹	289169.67	289.17		
Total Recyclable (%)	99.13%	99.13%		
Total Non-Recyclable (%)	0.88%	0.88%		
Recycled Content - all Dry Goods (KPI 26)				
Total Proportion of Recycled Content (%)		50.30%		
Total Proportion of Recycled Content - (Tonnes)		16650.71		
Sales				
Total Sales - Cases⁴		8440743		
Total Sales - Litres⁴		97218618.00		
Wet Weights (KPI 1B)				

Total Wet Weight Sales - tonnes⁵			97218.62
Final Ratio - All Products (KPI 1C)			
Ratio of Wet Weight / Dry Weight⁶			2.94
Final IDAS Weights per Category - Domestic / Imported (KPI 1A)			
		Domestic (Tonnes)	Imported (Tonnes)
	Paper	77.39	0.00
	Cardboard - Standard	2318.09	207.24
	Plastics	0.00	0.00
	Glass	24780.85	1304.26
	Aluminium	60.71	0.00
	Steel	0.00	28.59
	Composites	656.83	0.00
	Other	2846.20	822.63
	Total - tonnes	30740.08	2362.71
Final IDAS Waste Management (KPI 21)			
		Total Tonnes Recycled	% of Total Dry Goods
	All Sites⁷	24496.07	74%
		Total Tonnes to Landfill	% of Total Dry Goods
	All Sites⁷	8606.73	26%

¹ As per BPCS Item-master category

² Plastics were unable to break into PACIA Codes - all were included into Other Category for 2006 IDAS purposes

³ Cases refers all sales (glass / cask / drum etc. all configurations). FY06 Sales Data from Chris Ramsey

⁴ Sales in litres from Chris Ramsey FY06

⁵ Wet weight conversion based on an average specific gravity of 1 for all products

⁶ Ratio for all domestic sales FY06

⁷ Final % is an average of assumed 80/20% Recycling / Landfill Rate for Reynella & Houghton, and 67/33% for Berri & Stanley

Recycled
Landfill

877211.444
424380

Cask

Glass

Overall

% of landfill	33%	20%	26%
% of recycled	67%	80%	74%
Waste per KL	4.454729175	KG/KL	