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## 1. EXECUTIVE SUMMARY

The more technology develops for industries, the more the environment needs care.

Olsson Industries Pty Ltd is very pleased to participate in the Australian Packaging Covenant (APC) since April 2013 for smarter packaging, less waste and cleaner environment.

Like all other Signatories, this APC Action Plan will outline our commitments to the APC during 2013-2015. The APC Action Plan is designed to meet not only format but also all key performance indicators (KPIs) required.

Olsson's strategy is focus on minimising plastic packaging volume, maintaining biodegradable packaging and developing recycling management as well through our business places across Australia.

First, by "designing an optimise plan" as a key to guide the business to commit Olsson's obligations to the APC and environment.

Next, "implementing actions" to achieve resource and business efficiencies, and reduce environmental impact.

Finally, "managing the action plan" to remain and enhance sustainable packaging plan not only during the period of time 2013-2015 but also later years.

By practical actions and personalized responsibilities, Olsson's is able to obtain all targets within milestones planed and we strongly believe that this APC Action Plan will contribute to the APC's goal.

This APC Action Plan (2013-2015) is approved by Operation Manager, Mr. Murray Olsson on 27th November 2013

Signature

## 2. ORGANISATIONAL INFORMATION:

### **2.1 Business overview:**

Olsson Industries Pty Ltd is the only family-owned and operated company producing salt in Australia. Olsson's first pressed salt block containing a range of minerals was produced in 1949 just West of Parramatta, NSW. It was the forerunner of all the multi-nutrient blocks produced in Australia from that time onwards.

Ever since, Olsson's have been at the forefront of ruminant technology and education of the grazier about the latest break-throughs in this field. That has never been more true than today. Olsson's continue to support the research and development of ruminant nutrition through University tests and field trials. Olsson's have been fortunate enough to gain the consultancy services of Prof. Leng AO (Armidale University), one of Australia's foremost experts on ruminant nutrition. Dr. Wayne Backhouse, Olsson's Director of Nutrition, is currently working with Prof. Leng in research on ruminant nutrition.

Every year, Olsson's sponsor hundreds of free ruminant nutrition seminars all over Australia for the purpose of educating the grazier in better livestock nutrition. Olsson's also provide a Free Call Nutritional Advisory Line (Free Call: 1800 804 096) for graziers to call and receive free advice on feeding programs and problems that they might have with their livestock. Olsson's are also very pro-active in educating the resellers of their products, so that farmers will always have the best and most up-to-date information available at their local rural merchandise store.

While striving to remain viable in an extremely competitive industry, Olsson's have not ignored their responsibility to the environment. Olsson's block boxes are now made from 100% recycled, unbleached cardboard which livestock are able to eat and digest. Olsson's will continue to develop better and greener products. As a part of the business' successfulness, sustainable packaging is our concern with main aims - "minimising the amount of plastic used and developing on-site recycling system".

## 2.2 Olsson's business locations:

### Offices

#### **Olsson Pacific NSW Head Office**

19-25 Nelson Rd Yennora NSW 2161 Australia  
PH: +612 9632 0441 FX: +612 9632 9099  
NSW Salt Sales: Peter Hartley [peter.hartley@olssons.com.au](mailto:peter.hartley@olssons.com.au)

#### **Olsson Pacific Victoria**

5-15 Langford St North Melbourne VIC 3051  
PH: +613 9329 2653 FX: +613 9329 8291  
VIC Salt Sales: Rennie Bugeja [r.bugeja@olssons.com.au](mailto:r.bugeja@olssons.com.au)

**Olsson's website:** [http:// www.olssons.com.au](http://www.olssons.com.au)

### Manufacturers

#### **Olsson Pacific Queensland Office**

33 Manton St Morningside QLD 4170  
PH: +617 3395 5499 FX: +617 3899 1150  
QLD Nutrition Sales:  
Sthn QLD David Dwyer [d.dwyer@olssons.com.au](mailto:d.dwyer@olssons.com.au)

#### **Olsson Pacific South Australia**

Salt Plant: Port Augusta Rd, Whyalla SA  
Whyalla Plant Manager: Andrew  
Smoker [a.smoker@olssons.com.au](mailto:a.smoker@olssons.com.au)  
Whyalla Email: [whyalla@olssons.com.au](mailto:whyalla@olssons.com.au)

#### **Olsson Pacific Port Alma**

Port Alma road, Port Alma, QLD4699

**2.3 Brands owned and products:**

- **Olsson's**
- **Pacific Salt**

BLOCKS



Animal Nutrition  
Products



SALT



Salt & Mineral  
Products



**2.4 Packaging manufacturers:**

- Brisbane
- Port Alma
- Whyalla

**2.5 Packaging Supply Chain:** see Annex 1

**2.6 Main Retailers:** Elders, Landmarks, CRT, AIRR, Coles, Aldi

**2.7 Packaging materials and formats used:**

<b>Materials</b>	<b>Formats</b>
Paper	Carton boxes, labels
Polypropylene, random Copolymer	Bags
High Density Polyethylene	Bottles
Plastic	Shrink and Stretch wrap
Wood, plastic	Pallets

3. PACKAGING GROUPS FOR REVIEWING:

Groups	Products included	Packaging locations	Assessment scheduled	Note
<b>Carton boxes</b>	Blocks and Salt	- Brisbane - Whyalla		Biodegradable packaging - unbleached cardboard which livestock are able to eat and digest
<b>Small polyethylene bottles</b>	Salt	Whyalla	December 2014, December 2015	
<b>Polypropylene, random Copolymer bags</b>	Blocks and Salt	- Brisbane - Port Alma - Whyalla	December 2014, December 2015	
<b>Shrink and stretch wrap</b>	Block and Salt	- Brisbane - Port Alma - Whyalla	December 2014, December 2015	
<b>Pallets</b>	Blocks and Salt	- Brisbane - Whyalla		Most are hired, a small amount of wood pallets cannot collect as farmers keep and use them

#### 4. COVENANT CONTACT OFFICER

Name: Lien Nguyen Thi Phuong

Position: packaging covenant officer

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Email: [admin-bne4@olssons.com.au](mailto:admin-bne4@olssons.com.au) or [liennguyen150@gmail.com](mailto:liennguyen150@gmail.com)

Postal address: 33 Manton street, Morningside, QLD 4170



5. ACTION PLAN KPI TABLE:

	Strategies	Actions	Responsibility	Baseline data	Target	Milestones
<b>KPI 1</b>	<b>Design – optimise packaging to achieve resource efficiency and reduce environmental impact</b>	<p>1. Reviewing the packaging ranges as per the schedule included at section 3.</p> <p>2. Buying more new model wrapping machines</p>	<p>Brisbane: Yung Doung</p> <p>Port Alma: Robert Logan</p> <p>Whyalla: Robyn Miller</p>	<p>1. During FY 2011-2012: - Brisbane and Port Alma used approximately 1,160 rolls of stretch wrap (1,400m x 23um , 13,920Kgs) - Whyalla used + 1,040 stretch wrap rolls – 12,480Kgs + Poly warp: 15,415Kgs + Bags: 3,635 units + Bottles: 6 tones</p> <p>2. Wrapping machine: - Old: 380gram plastic/pallet, - New: 326gram plastic/pallet, a decrease of plastic film used 14.21%/pallet + 2 in Whyalla in 2012</p>	<p>1. Packing ranges reviewed as review schedule</p> <p>2. Buy: - 1 in Brisbane, - 2 in Brisbane, - 2 in Port Alma</p>	<p>Mar. 2014</p> <p>Dec. 2014</p> <p>Dec. 2015</p>

		<p>3. Increasing the volume in using new wrapping machines to reduce more stretch films</p>		<p>+ 1 in Brisbane on October 2013</p>		
		<p>4. Extend the height of carton boxes for salt drums in Whyalla</p>		<p>3. Currently using new wrapping machines for 30% of total products</p>	<p>3. New wrapping machines used for: * 50% products  * 100% products</p>	<p>Dec. 2014  Dec. 2015</p>
				<p>4. Poly wrap for salt drum boxes: the amount of plastic used to pack salt drum boxes is 22gram/box</p>	<p>4. - New boxes that pack salt drums well without poly wrap designed and 100% of poly packing for salt drums eliminated.  - All customers contacted and new packaging design promoted 50% of customers following Olsson's new packaging design for salt drum boxes</p>	<p>December 2014  December 2015</p>

<p><b>KPI 3</b></p>	<p><b>On-site recovery system for recycling used packaging</b></p>	<p>1. Establish a new on-site recycling system in each manufacturing place</p> <p>2. Assess on-site recovery system outcomes end year</p>	<p>Brisbane: Leng Yang</p> <p>Port Alma: Robert Logan</p> <p>Whyalla: Robyn Miller</p>	<p>Olsson currently has recycle bins but their capacity is not enough for the APC action plan and we do not know how much material is collected.</p>	<p>1. Focus on recycling of packaging:</p> <ul style="list-style-type: none"> <li>- Reviewing and contacting Recycle Bin suppliers</li> <li>- Establishing recovery system at each manufacturer, using about 04 cubic meter to store recycle</li> </ul> <p>Current recovery system reviewed and data obtained</p>	<p>Feb. 2014</p> <p>Apr. 2014</p> <p>Dec. 2014 Dec. 2015</p>
<p><b>KPI 4</b></p>	<p><b>Policies for purchasing items with recycled content</b></p>	<p>1. Establish a formal policy of purchasing recycled products</p>	<p>Lien Nguyen</p>	<p>Currently Olsson has bought few recycled packaging products.</p>	<p>1. Formal buy recycled policy created and applied in each manufacturing site.</p>	<p>December 2013</p> <p>April 2014</p>

		2. Identify current packaging and stationery products bought	Lien Nguyen	Notes: - Olsson cannot buy raw materials/ingredients that are made from recycled contents as the nature of the business.  - Also, bags for packing Food Grade products, suppliers cannot use recycled materials.	2. Reviewed and assessed packaging and stationery bought  - in Brisbane and Port Alma - in Whyalla	Feb. 2014  Mar. 2014
		3. Preferentially signs contracts with suppliers using recycled content	Brisbane: Yung Doung  Port Alma: Robert Logan  Whyalla: Robyn Miller		3. Buy more recycled packaging and stationery products:  * 5% of suppliers (if applicable)  * 10% of suppliers (if applicable)	Dec. 2014  Dec. 2015
		4. Review performance of the policy annually	Lien Nguyen		4. Performance against the policy reviewed.	Dec.2014, Dec 2015

<b>KPI 6</b>	<b>Formal processes for working with others</b>	1. Send a letter to request information relating to recycled materials in producing goods that the company has bought from suppliers	Lien Nguyen	n/a	1. The APC considerations conveyed to suppliers and information regarding recycled content received.	November 2013 to March 2014
		2. Send a request letter to suppliers (if applicable) who have not been using recycled material in producing to consider	Lien Nguyen	n/a	2. APC considerations conveyed to: * 50% suppliers not using recycled materials * 100% suppliers not using recycled materials	May. 2014  Oct. 2014
<b>KPI 7</b>	<b>Other products stewardship outcomes</b>	1. Review electricity use	Brisbane: Yung Doung  Port Alma: Robert Logan  Whyalla: Robyn Miller	From Income statements, electricity expenses:  2011-2012: \$306,722.27  2012-2013: \$475,144.19	Electricity usage reviewed	Nov. 2013

		2. Continue to carry out the Solar Generation System Project in Brisbane			2. To produce 389MWh in the first year, equivalent to 1,560kWh/kW <sub>p</sub> .year	Dec. 2015
<b>KPI 8</b>	<b>Develop actions to address litter</b>	1. Sponsor Clean up Australia program	Leng Yang	n/a	1. Contribute \$100/year to Clean up Program.	June 2014, June 2015