



PUBLIC DISCLOSURE STATEMENT

ROSS HILL WINE GROUP
PRODUCT CERTIFICATION
JUNE 2019 – 20

Australian Government
Climate Active
Public Disclosure Statement

ROSS HILL
ORANGE NSW AUSTRALIA



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: Ross Hill Wine Group

REPORTING PERIOD: 1 July 2019– 30 June 2020

Declaration

To the best of my knowledge, the information provided in this Public Disclosure Statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.

Signature

A handwritten signature in blue ink, appearing to read "James Hammond Robson".

Date 08/12/2020

Name of Signatory James Hammond Robson

Position of Signatory: Managing Director



Australian Government
Department of Industry, Science,
Energy and Resources

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1. CARBON NEUTRAL INFORMATION

Description of certification

This carbon neutral certification covers all Ross Hill Wine Group produced wine brands sold through the cellar door, online, in restaurants, pubs and independent bottle shops. All wines sold by the Ross Hill Wine Group are covered by this carbon neutral certification.

The functional unit is a single 750ml bottle of wine.

Organisation description

The Ross Hill Wine Group roots were firmly planted in 1994 by Peter and Terri Robson. Joined by their son James and wife Chrissy in 2006 to continue the hard work, passion and dedication to produce exceptional quality and elegantly refined, cool climate Ross Hill Wines.

In 2008 wine making duo Phil and Rochelle Kerney joined the family. Phil brings with him 15 years of wine making experience both in Australia and Internationally. Rochelle has been by Phil's side through much of his winemaking journey and is herself working towards her own qualification as a winemaker. The Kerney's have brought with them an enormous amount of passion, care and knowledge of wine and the winemaking process, which fits perfectly into our family mould. In 2014 Phil & Rochelle were recognised by Gourmet Traveller Wine magazine as winemaker(s) of the year finalists.

The Ross Hill Vineyard is situated on the gentle north facing slopes of Griffin Rd, Orange at an elevation ranging from 750 to 850 metres. Such elevation presents itself in our wines that are so distinctively high altitude and cool climate produce.

Covering the hills with 12 hectares (ha) of established vine we are able to grow the majority of the grapes used in our wines. Ross Hill white wine varieties include Chardonnay & Sauvignon Blanc, and the iconic red styles of Merlot, Shiraz and Cabernet Franc, Cabernet Sauvignon and Cabernet Shiraz.

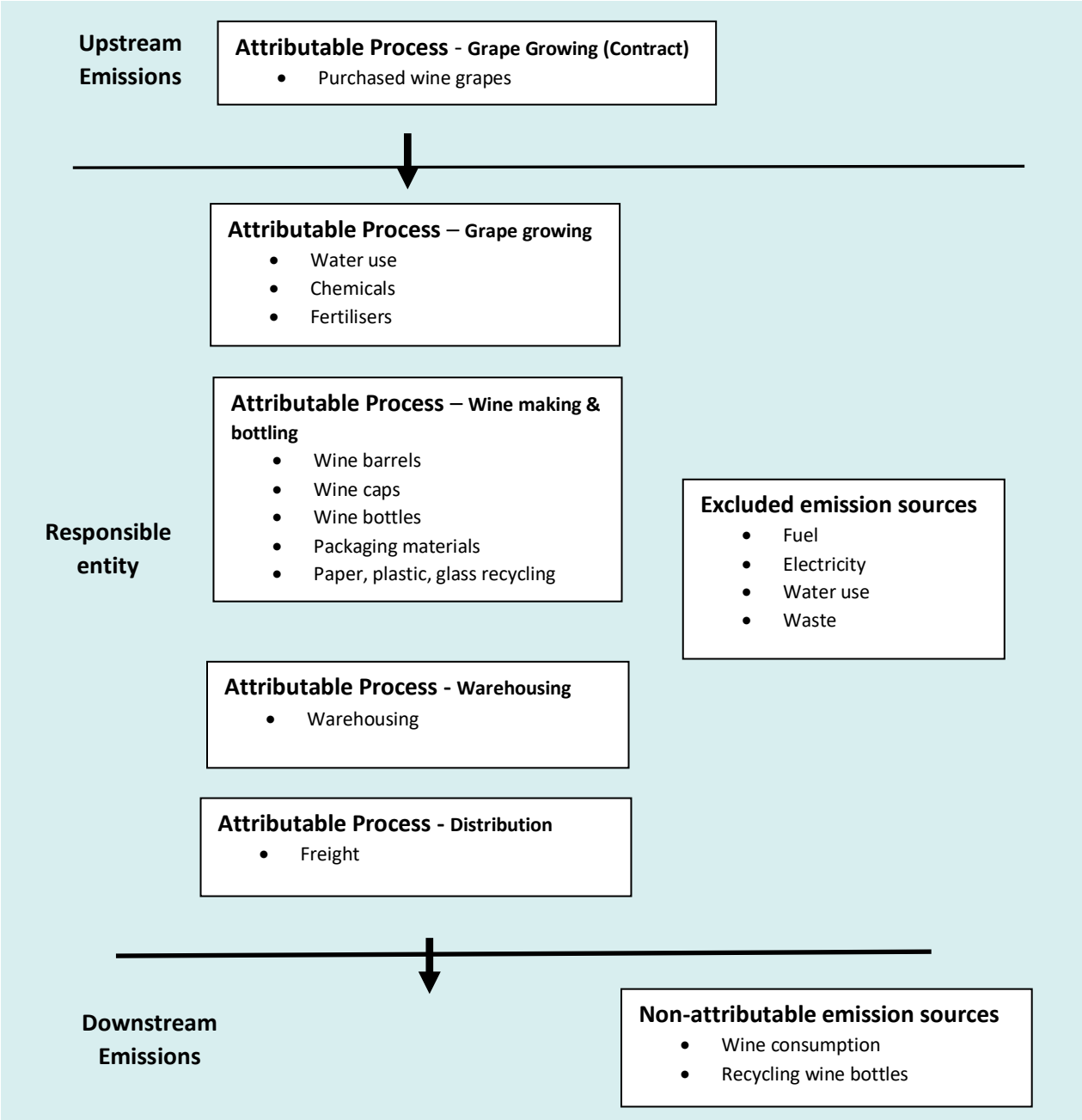
To complement the Ross Hill vineyard was the planting in 2008 of 5 more hectares of vine in the fertile volcanic basalt soils at Ross Hill. With an even higher altitude at 1018 metres above sea level, it is one of the highest and coldest vineyards in Australia. These vines are the Sauvignon Blanc, Pinot Gris and Pinot Noir and are the perfect conditions for these varieties.

All 17ha of vine are handled with the utmost care by being hand pruned to maintain the exceptional quality and flavour that carry through to our wines. We pride ourselves on our quality not the quantity.

Our environmental policy sees no use of insecticides and reduced irrigation impact by a program of mulching cover crops planted between the rows between autumn and winter.

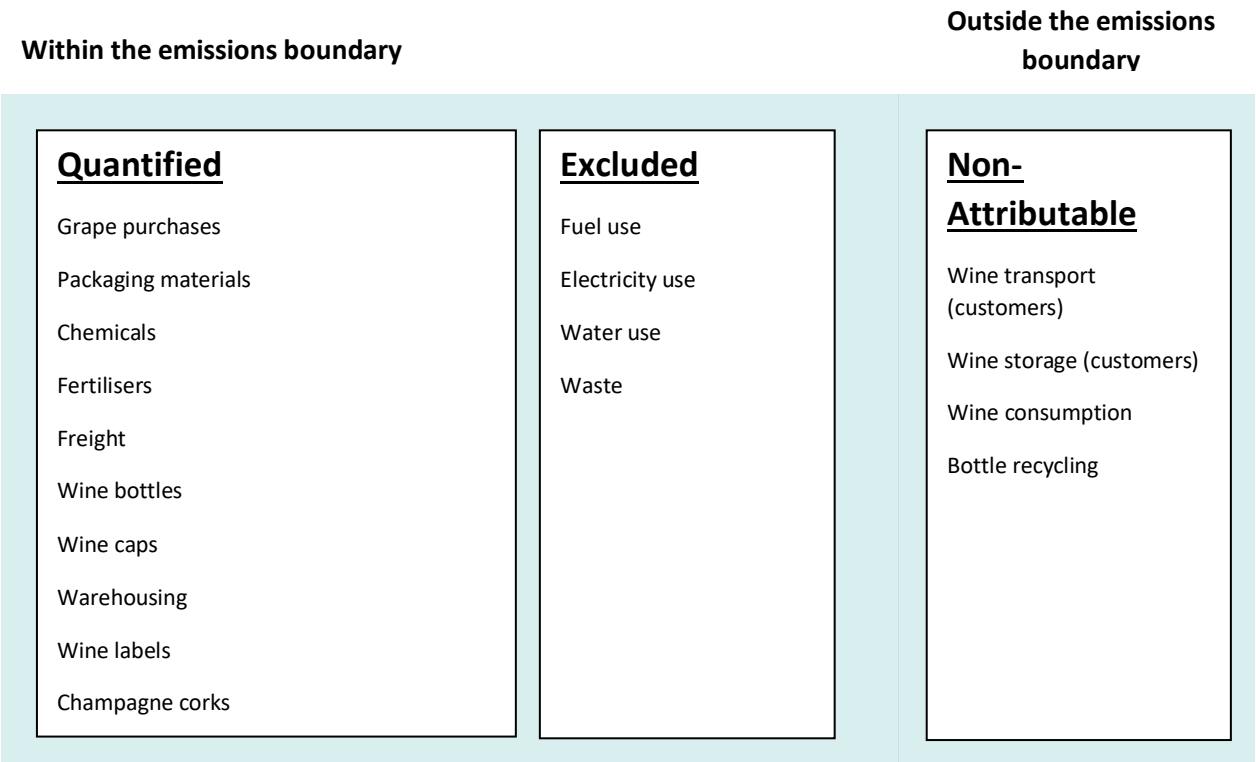
Product/service process diagram

The following diagram is cradle to gate description of the wine production process (from grape growing to sale to customers). Consumption of wine and end use of wine bottles is outside of the control of the responsible entity (Ross Hill Wine Group).



2. EMISSION BOUNDARY

Diagram of the certification boundary



Attributable non-quantified sources

All attributable emissions were quantified

Data management plan

Not relevant

Excluded sources (within certification boundary)

The following emission sources were excluded in the product footprint.

- Fuel use
- Electricity use
- Water use
- Waste

These emissions sources were quantified in the organisational footprint for Ross Hill Wine Group. Details are shown in the separate Organisational Public Disclosure Statement.

Non attributable sources (outside certification boundary)

Emission relating to the transport and consumption of wine after purchase by consumers is outside the emission boundary. Emissions from recycling of wine bottles by consumers is also outside the emission boundary.

3. EMISSIONS SUMMARY

Emissions reduction strategy

We have taken a number of initiatives to reduce our carbon footprint.

We collect our own rainwater.

We have installed 34 kW of solar panels and changed to 100% carbon neutral grid electricity

We have also reduced energy use by changing our cold stabilisation procedures. We decided to introduce cold stabilisation by physical means which requires the wine to be chilled to minus 1 degree C for about a month then treated with tartrate crystals. CMC Cold stabilisation requires a simple addition of 100ppm cellulose solution. The results are less permanent but adequate for our purposes.

Emissions over time

Table 1

Emissions since base year		
	Base year: 2014 – 2015	Current year Year 5: 2019 – 2020
<i>Total tCO₂-e</i>	437.60	210.61

Emissions reduction actions

Recent emission reduction actions include:

Recycling of waste (especially bottles and cardboard used for wine). We have established 3 waste facilities – general waste (landfill), comingled (bottles, plastic & aluminium) and cardboard. This reduces the amount of waste going to landfill and increases recycling of materials like cardboard, glass and plastic.

With some wholesale customers who order our wines each week, we have established a logistics centre in Sydney to dispatch from, which will cut down considerably on smaller shipments of freight.

Functional unit (single 750 ml bottle of wine)

Table 2

	Number of functional units
<i>a) Number of functional units sold this period</i>	Confidential

Emissions summary (inventory)

Table 3

Emission source category	tonnes CO ₂ -e
Transport services	1.58
Horticulture and Agriculture	24.31
Office equipment & supplies	27.59
Postage, courier and freight	6.78
Products	150.35
1. Total inventory emissions	210.61
2. Emissions per functional unit (based on the number of functional units represented by the inventory)	-
3. Carbon footprint	210.61

Uplift factors

Table 4

Reason for uplift factor	tonnes CO ₂ -e
No uplift factors applied	0
<i>Total uplift factors</i>	0
<i>Total to offset</i> (Carbon footprint + total uplift factors)	210.61

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

Offsets are purchased in arrears at the end of the assessment period and subsequently retired. Any surplus is held over for future years.

Offsets summary

Table 5

1. Total offsets required for this report				211					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				211					
Project description	Eligible offset units type	Registry unit retired in	Date retired	Serial number (including hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used for previous report	Quantity banked for future years	Quantity used this report
Bundled Wind Power Project in Rajasthan by Orange Renewable Power Private Limited, India	VCUs	Verra	7 Dec 2020	8710-40969680-40969960-VCS-VCU-290-VER-IN-1-1465-01012020-30042020-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=122551	2020	281**	0	0	211
Total offsets retired this report and used in this report							211		
Total offsets retired this report and banked for future reports							0		

** Remaining retired offsets cover Ross Hill's Organisational Carbon Neutral Certification

5. USE OF TRADE MARK

Table 6

Description where trademark used	Logo type
Website: https://www.rosshillwines.com.au/about-us/carbon-neutral-certification/	Certified product range
Marketing materials and wine labels	Certified product range

APPENDIX 1

Non-attributable emissions for products and services

To be deemed attributable an emission must meet two of the five relevance criteria. Non-attributable emissions are detailed below against each of the five criteria.

Table 7

Relevance test					
Non-attributable emission	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.</i>
Wine transport (customers)	No	No	No	No	No
Wine Storage	No	No	No	No	No
Wine Consumption	No	No	No	No	No
Bottle recycling	No	No	No	No	No

APPENDIX 2

Non-quantified emissions for products/services

All relevant emissions have been quantified