

*Tahbilk Pty Limited meets the requirements of carboNZero<sup>Cert™</sup> product certification having measured the cradle to grave life cycle greenhouse gas emissions of its selected wine product in accordance with PAS 2050:2011, committed to managing and reducing the emissions intensity of the product and neutralised the remaining unavoidable emissions through the cancellation of an appropriate number of verified carbon credits in respect of the selected Wine products including Tahbilk, Dalfarras and Four Sisters branded wine products.*



**Introduction<sup>1</sup>** – This public declaration presents certified information about Tahbilk’s product carbon footprint which has been prepared using the methods detailed in the Programme product specification CZPP05\_Wine.

**Product description** – carboNZero certified “product” covering Australian wine brands Tahbilk, Four Sisters and Dalfarras Wines. These products are packaged predominantly in 750ml bottles with the varieties Arneis, Cabernet Franc, Cabernet Sauvignon, Chardonnay, Marsanne, Merlot, Mourvedre, Pinot Grigio, Pinot Noir, Sangiovese, Sauvignon Blanc, Savagnin, Shiraz, Tempranillo and Viognier.

- Product group name: Wine
- Functional unit: kgCO<sub>2</sub>e per 750mL Bottle of wine
- Scope: Cradle to grave scope<sup>2</sup>
- Base period: 01/07/2013 – 30/06/2014
- Measurement period: 01/07/2018 – 30/06/2019

**Emissions and removals** – The tables below show the GHG emissions inclusions and removals included for each life cycle stage and unit process.

POST AUDIT TOTALS		
<b>Upstream</b>	0.58	kgCO <sub>2</sub> e per 750 mL bottle
<b>Core</b>	1.34	kgCO <sub>2</sub> e per 750 mL bottle
<b>Downstream</b>	0.23	kgCO <sub>2</sub> e per 750 mL bottle
<b>TOTAL INVENTORY (per bottle)</b>	<b>2.15</b>	<b>kgCO<sub>2</sub>e per 750 mL bottle</b>
<b>TOTAL tCO<sub>2</sub>e</b>	3473.03	tCO <sub>2</sub> e

The number of emissions required to be offset is 3473.03 tonnes of carbon dioxide equivalents based on product sold but excluding the emissions from compost. The methodology used for this surveillance<sup>3</sup> aligns with the certification year. For full details of the certification year emissions at each stage and process, as well as information on exclusions, reductions, and targets, please see the certification year disclosure (01/07/2017 to 30/06/2018 period).

<sup>1</sup> **Disclaimer:** This Disclosure Statement is a summary of the verified information considered for certification and the certification decision. It should not be taken to represent the full submission for certification. Whilst every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Enviro-Mark Solutions Limited does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

<sup>2</sup> **Cradle to gate** means provision of inputs, including products, to another party that is not the end user (PAS 2050 S3.5). **Cradle to grave** means provision of inputs, including products, to the end user (PAS 2050 S3.6).

<sup>3</sup> **Surveillance Year:** Procedures performed for a surveillance year are reduced when compared to a certification year. Emissions information in a surveillance year is collected, analysed and checked primarily for the purposes of performance tracking, refinement of emissions reduction projects and providing greater accuracy for the cancellation of credits.



Surveillance Year: carboNZero certification

Tahbilk Pty Limited

Year 2 of 2 year certificate period

Tahbilk, Dalfarras, and Four Sisters branded wine products

**Offset** –1,566\* credits comprising 1,279 Luoyang LFG Project in China and 287 Nanyang Danjiang River Solar Cooker credits have been cancelled on the carboNZero register and will be cancelled (or equivalent) on the relevant external registry within one month of certification. Specific details of cancellation, including serial numbers, will be available on the external registry: <http://www.cleanenergyregulator.gov.au/OSR/ANREU/Data-and-information>

\*1,907 tonnes of emissions were deducted to recognise 80% of the total carbon sequestered (2,384 tonnes) through forestry recognised by the Programme. Deductions for carbon sequestration are based on Programme recommended approaches and have not been included in the measurement of emissions.

**Certificate number** – 2018084J, Year 2 of 2 year certificate period

**Valid until** – 31 October 2020