Summary of CEMARS® certification:

Villa Maria Estate Limited

Year 2 of 3 Year Certificate Period

Villa Maria Estate Ltd meets the requirements of CEMARS® certification having measured its greenhouse gas emissions in compliance with ISO 14064-1:2006, and committed to managing and reducing its greenhouse gas emissions in respect of its operational activities of its organisation excluding overseas retail and distribution.

VILLA MARIA

ESTATE

Introduction[1] – Villa Maria was founded in 1961 in Auckland and is New Zealand's most awarded winery. The Auckland winery was opened in 2005 and hosts Villa Maria's head office, bottling facility, conference and events centre and cellar door. Internationally acclaimed wine is produced from grapes grown across the country, with owned vineyards in Marlborough, Hawkes Bay, Gisborne and Auckland. Contract growers and single vineyard sites also supply grapes. Villa Maria distributes wine throughout New Zealand as well as Europe, North America, Australia, Asia and the Caribbean and Pacific Islands. There were 253 Full Time Equivalent (FTE) staff at Villa Maria during the measurement period. Villa Maria has a long held objective to be environmentally responsible and to operate using sustainable practices. Villa Maria believes that sustainability is not an end point but a journey and therefore we are always finding ways to embed sustainable principles into the culture of the organisation. Villa Maria has been a member of Sustainable Winegrowing New Zealand (SWNZ) since its inception in 1995. SWNZ, an initiative of New Zealand Winegrowers, focuses on the economical production of market quality wines and grapes, giving priority to methods that are the safest possible to the environment and human health. Each year, Villa Maria is audited by SWNZ to provide a key platform for continual improvement. All Villa Maria company vineyards and winery sites are either accredited by SWNZ or in the case of new sites, in the process of gaining accreditation.

Boundary – Figure 1 below shows the organisational structure used for describing the organisation's greenhouse gas (GHG) emissions inventory, and what business units were included in the inventory in the context of the entire organisational profile. The parts of the structure (business units) in green have been identified as being within this emissions inventory. Business units excluded from the inventory are shown in yellow.

[1] **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. While every effort has been made to ensure that the information in this Disclosure Statement is accurate and complete, Landcare Research does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

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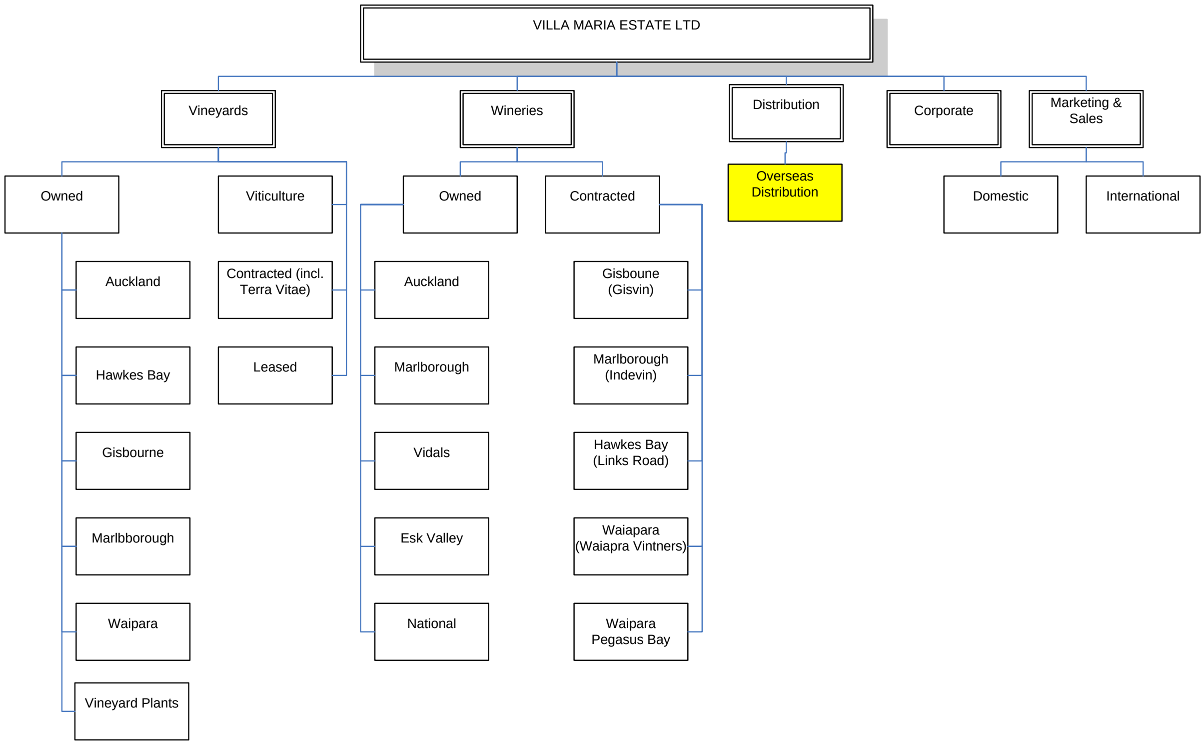

Figure 1: Organisational structure showing business units included and excluded.

Consolidation approach – The operational control consolidation approach has been used to account for operational emissions with reference to the methodology described in the GHG Protocol and ISO 14064-1 standards.

Base year – 01/06/2008 to 31/05/2009

Measurement period – 01/06/2010 to 31/05/2011

Emissions source inclusions – The operational GHG emissions for the organisation by emissions source are shown in Figure 2 below.

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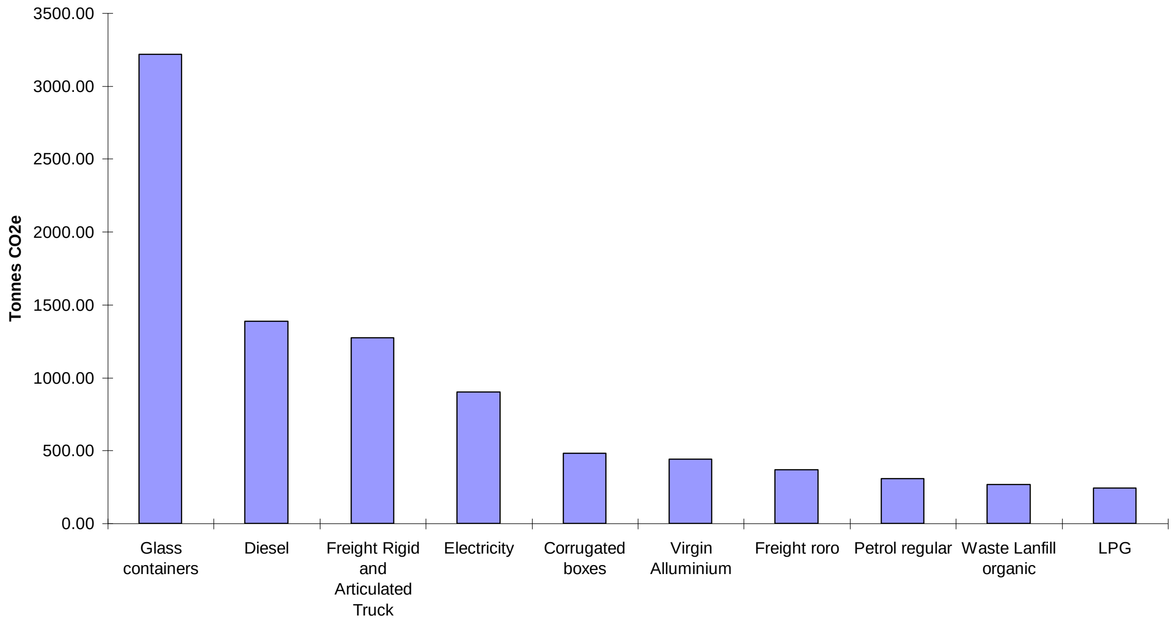

Figure 2: GHG emissions by emissions source.

Emissions as tonnes of carbon dioxide equivalents (tCO_2e) for this period were:

Scope 1: 1257.76 tCO_2e
Scope 2: 793.70 tCO_2e
Scope 3: 7925.02 tCO_2e
Total: 9976.48 tCO_2e

Emissions source exclusions – The following emissions sources were excluded from the inventory for this measurement period:

- Embodied emissions for fertilisers, contract bottling and dry goods were excluded as not required for an organisational footprint
- CO_2 is used during wine making for which data was available. Villa Maria considers the CO_2 to be a by-product of the manufacture of industrial hydrogen and that use or no use in the winery does not alter the amount of CO_2 emitted into the environment. Villa Maria does have a financially justified plan to reduce its use.
- International freight: Ownership of the goods is considered to be transferred at the New Zealand port and therefore is not included within the boundary
- Overseas accommodation and rental car use were excluded as considered to be *de minimis*

Emissions reduction commitments – A GHG emissions management plan and reduction targets have been developed.

1. Reduce electricity usage in wineries per MT harvest by a further 2%.

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2. Domestic air travel absolute reduction by 5%
3. Fuel usage by company cars – absolute reduction of 1%Long-term

Emissions reductions summary –

Base year GHG emissions = 9509.31 tCO_2e

GHG emissions calculated for this reporting period = 9976.48 tCO_2e

Difference in GHG emissions = +467.17 tCO_2e

Verified by – Verification New Zealand

Data quality score – high

Threshold of materiality – Excluded emissions do not exceed 5% of the total footprint for organisation stated.

Level of assurance – Reasonable

Certification status – CEMARS certified organisation.

Certificate number – 2011001J - Year 2

Valid until – 30 September 2013

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