



PUBLIC DISCLOSURE STATEMENT

MES SPV PTY LTD (MT ELLIOT SPRINGS)

**PRODUCT CERTIFICATION
CY2022 (PROJECTED)**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



REPORTING PERIOD: CY2022 (projected)

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

Date 22-12-2021

Name of Signatory

Anthony Duggan

Position of Signatory

Director



Australian Government

**Department of Industry, Science,
Energy and Resources**

Public Disclosure Statement documents are prepared by the submitting organisation. The material in Public Disclosure Statement documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement documents and disclaims liability for any loss arising from the use of the document for any purpose.
Version number February 2021



1. CARBON NEUTRAL INFORMATION

Description of certification

The certification is for the Mt Elliot Springs range of bottled spring water. The bottled water is produced in polyethylene terephthalate (PET) packaging in 600 mL, 1 L, 1.5 L and refillable 15 L sizes, with an LDPE film wrap around groups of 12 bottles. The PET bottle forming and filling is undertaken at Majors Creek QLD, prior to truck based distribution nationally.

The functional unit is kgCO_{2-e} per litre of water consumed and the reference unit is 1 litre of water consumed.

“The Climate Active carbon neutral certification is an important and straightforward step for Mt Elliot Springs to be part of the solution to climate change.”

Organisation description

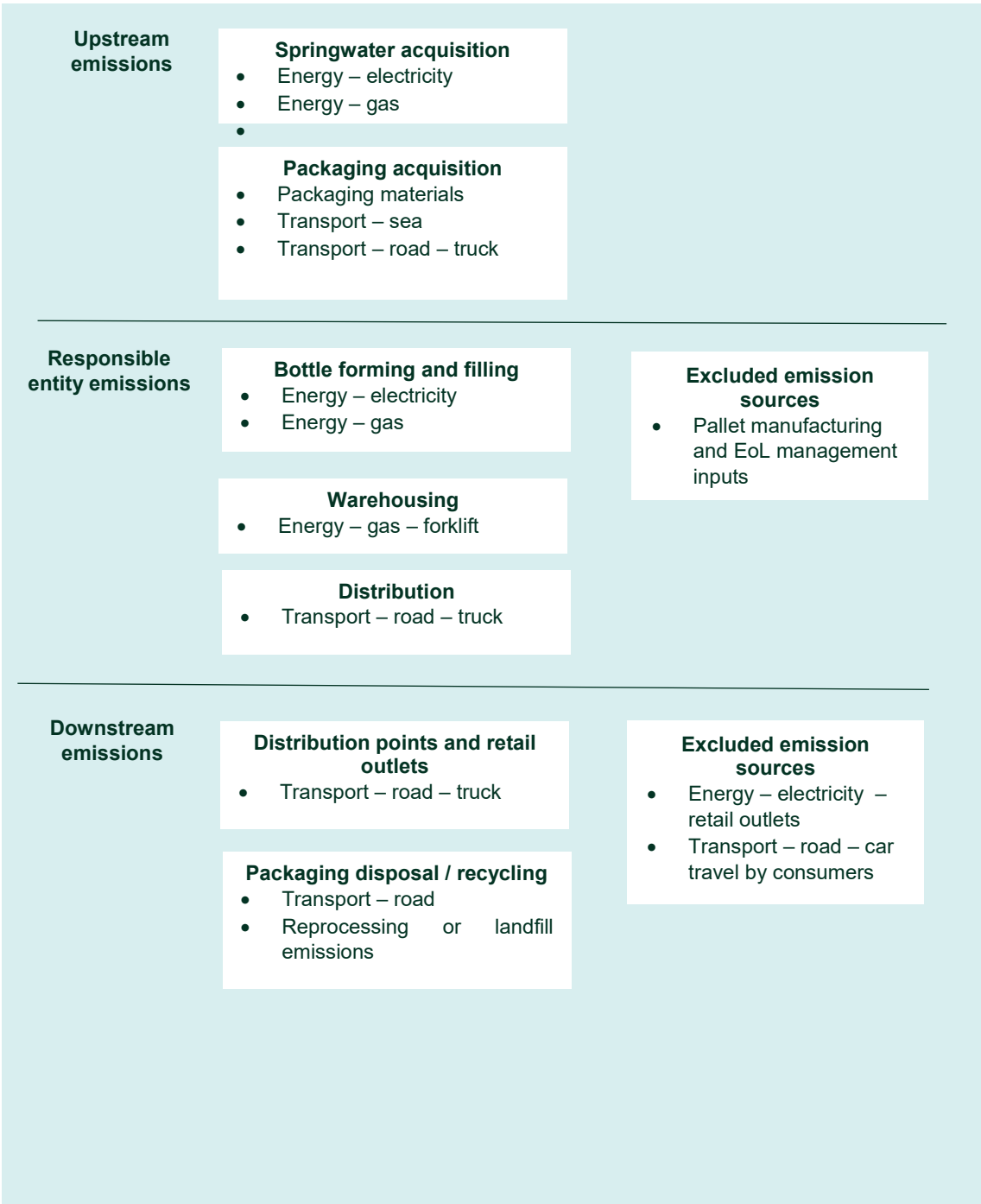
Mt Elliot Springs (MES) is an aquifer arising from Mt Elliot in North Queensland, about 100 kilometres from Townsville.

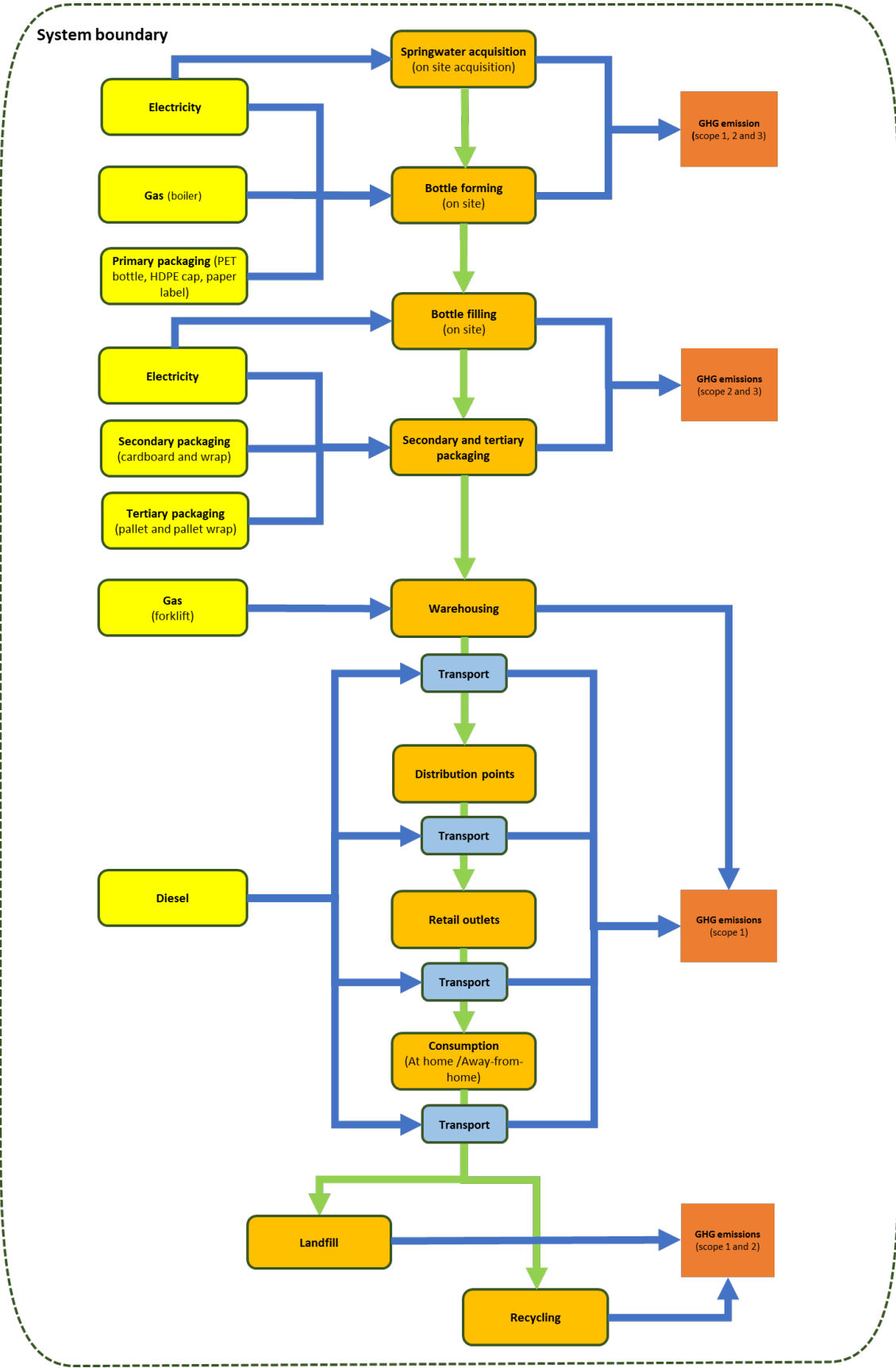
The MES SPV Pty Ltd bottling facility is located on a 105 acre property at the foot of Mt Elliot, and operates solely for the bottling of Mt Elliot Springs springwater.

The Mt Elliot Springs range of bottled spring water is available nationally.

Product/service process diagram

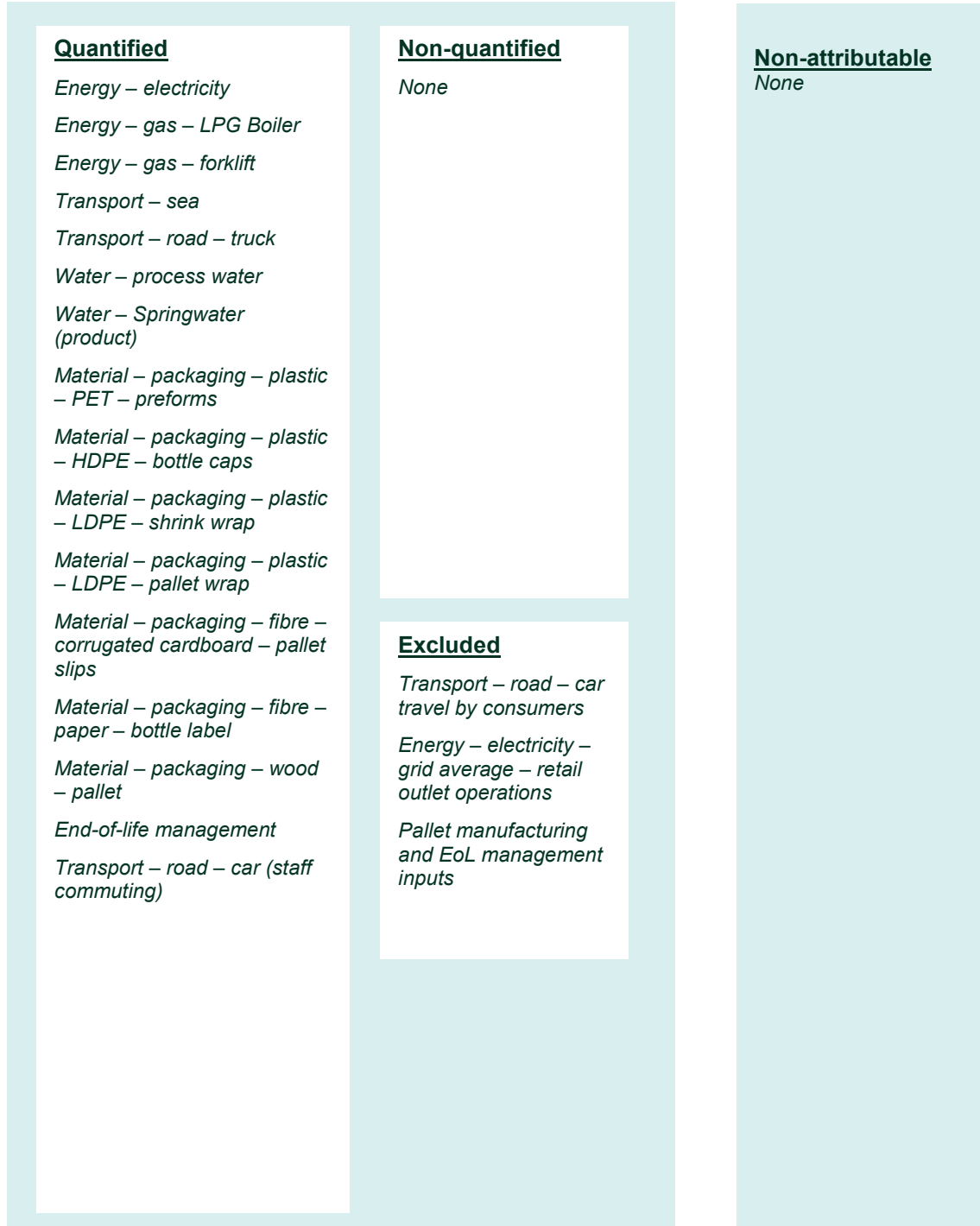
The following diagram is cradle to grave.





2. EMISSION BOUNDARY

Diagram of the certification boundary



Attributable non-quantified sources

There are no attributable non-quantified sources.

Data management plan

There are no items listed as non-quantified due to 'data unavailable'.

Excluded sources (within certification boundary)

There are 3 emission (or sequestration) sources that have been excluded from this certification. These sources are:

1. Transport – road – car travel by consumers
2. Energy – electricity – grid average – retail outlet operations
3. Pallet manufacturing and EoL management inputs

Number 1 and 2 of these exclusions are justified on the basis that they would occur regardless of any sales of MES springwater. That is, consumers will be driving to the supermarket or convenience store for other primary items, and retail outlets electricity use is not increased materially by the sale of MES springwater. Therefore the additional car travel by consumers can be expected to be immaterial, as can any increase in electricity usage by retail outlets.

Number 3 of the exclusions above is justified on the basis that the lifespan of pallets is typically around 10 years and pallets can be expected to deliver around 40–50 cycles per pallet lifespan, as based on Australian Packaging Covenant Organisation (APCO) data.

Therefore the manufacturing and EoL impacts of reusable pallets can be expected to be immaterial.

Non attributable sources (outside certification boundary)

There are non-attributable emissions sources.

“Mt Elliot Springs sits adjacent to a national park, in the heart of the Burdekin river delta, which flows directly into the Coral Sea and the Great Barrier Reef. We are committed to respecting our biodiverse location and reducing our carbon footprint is essential to upholding this commitment.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

The MES emissions reduction strategy consists of the following 5 actions:

- Investigate the installation of a 200–300kW solar PV system on site (feasibility assessment to be completed in 2022 calendar year).
- Investigate shifting to 50–100% recycled PET in bottles (to be completed in 2022 calendar year).
- Investigate freight providers that offset their emissions or use new or more efficient vehicles (to be completed in 2022 calendar year), assuming reasonably cost competitive.
- Investigate process upgrades to reduce energy use (to be completed across the 2022 and 2023 calendar years) including heat recovery systems and reverse cycle heating and cooling to reduce the heating and cooling demands of our plant and increase overall efficiency (to be completed across the 2022 and 2023 calendar years).
- Investigate reforestation and contributing to biodiversity on our 100 acre site (environmental consultants to be sourced for this purpose in 2022 calendar year).

Functional units

Table 1

	Number of functional units
<i>a) Number of functional units sold this period, OR</i>	0
<i>b) Number of functional units to be forward offset demonstrating commitment to carbon neutrality (true-up to be conducted at the end of the reporting period)</i>	1,071,036

Emissions summary (inventory)

Table 2

Emission source category	tonnes CO ₂ -e
Energy – electricity – grid average	0.00
Energy – electricity – MES average	54.48
Energy – electricity – renewable	0.00
Energy – gas	3.28
Material – packaging – fibre – corrugated cardboard	6.84
Material – packaging – fibre – paper	5.82
Material – packaging – glass – flint	0.00
Material – packaging – plastic – HDPE	7.06
Material – packaging – plastic – LDPE	2.81
Material – packaging – plastic – PET	59.52
Material – packaging – wood	0.00
Material – unspecified facility inputs	9.44
Transport – road – car	8.94
Transport – road – truck	64.27
Transport – sea	3.26
Water – process water	3.77
Water – springwater (product)	0.00
1. Total inventory emissions	229.49
2. Number of functional units represented by the inventory emissions	1,071,036.00
3. Emissions per functional unit (based on the number of functional units represented by the inventory) Total tCO ₂ -e divided by the number of functional units in 1a.	0.000214
4. Carbon footprint (Emissions per functional unit (2)* number of functional units (a or b from table 2))	229.49

Uplift factors

Table 3

Reason for uplift factor	tonnes CO ₂ -e
5% to account for immaterial items not identified in the scope, for any reason.	11.47
Total uplift factors	11.47
Total to offset (Carbon footprint + total uplift factors)	240.96

Carbon neutral products

Carbon neutral products have not been used.

4. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: Forward purchasing	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	241
3. Net offset balance for this reporting period	241
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	241

Co-benefits

MES has considered co-benefits of the carbon offsets it has purchased. We have chosen to support projects with specific social or environmental outcomes that align with our corporate goals & values.

Safe water in Kenya

This is the first programme directly linking carbon credits with safe drinking water. The project provides household gravity water filters to 687 distribution sites across 19 districts throughout the Western Province of the Republic of Kenya. The units treat contaminated drinking water, reducing the demand for conventional water treatment through boiling water with non-renewable biomass.

MES prides itself on the purity of its water source at Mt Elliot Springs in North Queensland. However, we recognise that this is a luxury that is not available to a lot of the world's population, many of whom are deprived of their human right to water and sanitation. Globally, at least 2 billion people use contaminated water and are vulnerable to waterborne diseases such as diarrhoea, cholera, dysentery, typhoid, and polio. Children are particularly at risk.

MES is proud to support an initiative working towards equitable access to safe and affordable drinking water.

Additionally, the project has the benefit of reducing time spent by women and children gathering and carrying firewood and reducing their exposure to poor air quality from burning firewood to heat water. It also creates thousands of local jobs distributing filters and monitoring usage during twice-yearly campaigns.

Protecting tropical rainforests in Papua New Guinea

This project protects local forests and biodiversity from logging in New Ireland, PNG. In addition, it contributes to 12 UN Sustainable Development Goals, creates employment (forest patrols, monitoring and inventory activities) and facilitates community engagement.

Cookstoves in Nigeria

This project provides over 164,000 efficient, improved cookstoves. Improved cookstoves provide relief from high fuel costs, decrease the time and energy necessary to collect fuelwood, cook faster and improve health by creating less indoor pollution during the cooking process.

Women have been the driving force of this project and have been empowered with new information, new skills, new mechanisms for voicing their feedback and new status in their community as participants of a program bringing new information and resources to the region. They also have ownership of the new asset.

Protecting from deforestation in Kenya

This project protects over 169,000 ha from mosaic deforestation. The area is home to trees that are estimated to be over 300 years old and over 370 animal species. The project also contributes to funding school construction, expanding bursary schemes for education, employing and training community members in organic agroforestry, developing ecotourism and employing safari guides and other service jobs.

Offsets summary

Proof of cancellation of offset units

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (TCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
NIHT Topaiyo REDD+ (VCS 2293)	VCUs	Gold standard	25-11-2021	10074-177021182-177021231-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=150204	2019	50	0	9	41	20%
Sustainable Deployment of the LifeStraw® Family in Rural Kenya (GS 886)	VERs	Verra	25-11-2021	GS1-1-KE-GS886-16-2013-3495-1201-1250 https://registry.goldstandard.org/credit-blocks/details/227174	2013	50	0	0	50	20%
Promoting Improved Cooking Practices in Nigeria (GS 7312)	VERs	Verra	25-11-2021	GS1-1-NG-GS7312-16-2018-19738-27391-27490 https://registry.goldstandard.org/credit-blocks/details/227171	2018	100	0	0	100	40%
The Kasigau Corridor REDD Project - Phase II The Community Ranches (VCS 612)	VCUs	Gold standard	25-11-2021	6776-343252063-343252112-VCU-006-MER-KE-14-612-01012015-31122015-1 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=124907	2015	50	0	0	50	20%
Total offsets retired this report and used in this report									241	
Total offsets retired this report and banked for future reports								9		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Emissions Reductions (VERs)	150	60%
Verified Carbon Units (VCUs)	100	40%

5. USE OF TRADE MARK

Table 4

Description where trademark used	Logo type
Product marketing material	Certified product
Product labels	Certified product

6. ADDITIONAL INFORMATION

No additional information.

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 5

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>
No non-attributable emissions	N/A	N/A	N/A	N/A	N/A

APPENDIX 2

Excluded emissions sources

	No actual data	No projected data	Immaterial
Transport – road – car travel by consumers	No	No	Yes
Energy – electricity – grid average – retail outlet operations	No	No	Yes
Pallet manufacturing and EoL management inputs	No	No	Yes



An Australian Government Initiative

