



# **PUBLIC DISCLOSURE STATEMENT**


**SPRINGFIELD DISTRICT VETS PTY LTD  
(TRADING AS GREATER SPRINGFIELD  
VETERINARY – SPRINGFIELD HOSPITAL)**

**ORGANISATION CERTIFICATION  
CY2022**

Australian Government

# Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Springfield Districts Vets PTY LTD (trading as Greater Springfield Veterinary– Springfield Hospital)
REPORTING PERIOD	1 January 2022 – 31 December 2022 Arrears report
DECLARATION	<p><i>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.</i></p>  <p>Dr Jeannet Kessels BVSc hons Director, Greater Springfield Vets Date: 21/03/2024</p>



Australian Government  
Department of Climate Change, Energy,  
the Environment and Water

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Version March 2023.



# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	98.45 tCO <sub>2</sub> -e
OFFSETS USED	100% VCU
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Organisation
TECHNICAL ASSESSMENT	30/10/2023 Josh Prado Pangolin Associates Next technical assessment due: CY 2026
THIRD PARTY VALIDATION	Type 1 20/10/2023 Benjamin Jenkins <i>GPP Audit Pty Limited</i>

## Contents

1. Certification summary .....	3
2. Carbon neutral information .....	4
3. Emissions boundary .....	5
4. Emissions reductions.....	7
5. Emissions summary.....	8
6. Carbon offsets .....	9
7. Renewable Energy Certificate (REC) Summary.....	11
Appendix A: Additional Information .....	12
Appendix B: Electricity summary .....	13
Appendix C: Inside emissions boundary .....	16
Appendix D: Outside emissions boundary.....	17

## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This carbon neutral certification is for the operations of Springfield District Vets Pty Ltd, trading as Greater Springfield Veterinary – Springfield Hospital, ABN 32 604 390 703. Services provided by Springfield Hospital was not included with the certification. This certificate is for reporting period CY2022.

The methods used for collating data, performing calculations, and presenting the carbon account are in accordance with the following standards:

- Climate Active Carbon Neutral Standard for Organisations
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008.

### Organisation description

Springfield Veterinary Hospital is a small animal veterinary hospital providing consultations, hospitalization and surgical services. The organisational boundary approach taken was financial control. The ABN is 32 604 390 703.

The hospital is privately owned by Dr Jeannet Kessels and operates solely under the trading name Springfield Veterinary Hospital. There are no subsidiaries. The hospital is located at 5 Commercial Drive, Springfield, QLD 4300 and all core assets are located here.

## 3.EMISSIONS BOUNDARY

### Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

**Quantified emissions** have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

**Non-quantified emissions** have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

### Outside the emissions boundary

**Excluded emissions** are those that have been assessed as not relevant to an organisation's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

## Inside emissions boundary

### Quantified

Accommodation and facilities  
Cleaning and Chemicals  
Climate Active Carbon Neutral  
Products and Services  
Construction Materials and  
Services  
Electricity  
Horticulture and Agriculture  
ICT services and equipment  
Machinery and vehicles  
Office equipment & supplies  
Postage, courier and freight  
Products  
Professional Services  
Refrigerants  
Transport (Land and Sea)  
Waste  
Water  
Working from home

### Non-quantified

N/A

### Optionally included

N/A

## Outside emission boundary

### Excluded

N/A

## 4.EMISSIONS REDUCTIONS

### Springfield Veterinary Hospital Emissions Reduction Strategy 2022-2027

Springfield Veterinary Hospital aim to reduce our carbon emissions by 20% over the next 5 years.

Our long-term goal is to reduce our carbon emissions as close to zero as possible and minimise our use of carbon credits.

Our 2022 tCO<sub>2</sub>-eq was 98.4, our goal for 2027 is to reduce our emissions by at least 20% to 78 tCO<sub>2</sub>-eq.

Many of our large emissions are scope three, and we will campaign to the major companies in our supply chain to advocate them to reduce their own carbon emissions.

Our plan for achieving 20% reduction by 2027 is outlined in the table below:

SCOPE	PARAMETER	2022 tCO <sub>2</sub> -eq	2027 Target	Strategy
1	Isoflurane	7.4	4	Reduce anaesthetic flow rates to decrease Isoflurane use in current circuits. Use alternative injectable drugs to reduce need for isoflurane. Knowledge and skills already exist within the practice, training for all clinical staff is required to implement these changes.
1	Refrigerant	1.3	1.3	Annual servicing of air conditioners and ensuring minimum number of fridges and freezers are in operation.
2	Electricity	4.5	0	Change to renewable electricity supplier at Eden's Crossing Veterinary Hospital. Campaign for onsite solar and renewable energy supply at Greater Springfield Veterinary Hospital when the body corporate reviews electricity supply in 2025.
3	Landfill waste	9.4	5	Campaign for decreased packaging and for reuse of packaging by suppliers, decrease general consumption of all hospital consumables, increase recycling opportunities.
3	Employee commute	12.5	8	Increased uptake of EVs. There is an EV charging station in place at SVH.

## 5.EMISSIONS SUMMARY

### Use of Climate Active carbon neutral products, services, buildings or precincts

Certified brand name	Product/Service/Building/Precinct used
Pangolin Associates	Service
Australia Post	Service

### Emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

Emission category	Sum of scope 1 (tCO <sub>2</sub> -e)	Sum of scope 2 (tCO <sub>2</sub> -e)	Sum of scope 3 (tCO <sub>2</sub> -e)	Sum of total emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	0.02	0.02
Cleaning and Chemicals	0.00	0.00	0.64	0.64
Climate Active Carbon Neutral Products and Services	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	0.12	0.12
Electricity	0.00	3.96	0.52	4.49
Horticulture and Agriculture	0.00	0.00	16.59	16.59
ICT services and equipment	0.00	0.00	2.65	2.65
Machinery and vehicles	0.00	0.00	0.95	0.95
Office equipment & supplies	0.00	0.00	0.28	0.28
Postage, courier and freight	0.00	0.00	0.25	0.25
Products	7.41	0.00	8.90	16.31
Professional Services	0.00	0.00	31.63	31.63
Refrigerants	1.34	0.00	0.00	1.34
Transport (Land and Sea)	0.58	0.00	12.63	13.21
Waste	0.00	0.00	9.39	9.39
Water	0.00	0.00	0.49	0.49
Working from home	0.00	0.00	0.08	0.08
<b>Total emissions</b>	<b>9.33</b>	<b>3.96</b>	<b>85.16</b>	<b>98.45</b>

### Uplift factors

N/A



## 6. CARBON OFFSETS

### Offsets retirement approach

This certification has taken in-arrears offsetting approach. The total emission to offset is 99 t CO<sub>2</sub>-e. The total number of eligible offsets used in this report is 99. Of the total eligible offsets used, 0 were previously banked and 99 were newly purchased and retired. 0 are remaining and have been banked for future use.

### Co-benefits

Rimba Raya is situated in Central Kalimantan in Indonesian Borneo. Covering land approximately the same size as Singapore, it is known as one of the largest Orangutan sanctuaries in the world. Offering a viable alternative to deforestation, a practice very common in the area, the project has a wealth of benefits to the biodiversity of the region and the surrounding communities. Rimba Raya is home to over 300 species of birds, 122 species of mammals and 180 species of trees and plants. The project has strong community based initiatives including increased employment for communities, greater access to medical and health services, and assistance with education.

## Eligible offsets retirement summary

Offsets retired for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO <sub>2</sub> -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Rimba Raya Biodiversity Reserve Project	VCU	Verra	16/11/2023	<a href="#">9380-92409236-92409334-VCS-VCU-263-VER-ID-14-674-01072014-31122014-1</a>	2014	-	99	0	0	99	100%
Stapled to	-	-	16/11/2023	Certificate in appendix	-	99	-	-	-	-	-
GreenFleet Australia Forestry Offsets											
Total eligible offsets retired and used for this report										99	
Total eligible offsets retired this report and banked for use in future reports										0	
Type of offset units				Eligible quantity (used for this reporting period)				Percentage of total			
Verified Carbon Units (VCUs)				99				100%			

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A

## APPENDIX A: ADDITIONAL INFORMATION

# Carbon Offsetting Certificate

**99**  
tonnes CO<sub>2</sub>-e

This certificate verifies that in the period of 1 January 2022 to 31 December 2022

**Greater Springfield Veterinary Hospital**

has offset 99 tonnes of greenhouse gas emissions with the purchase and retirement of certified carbon credits.

Project: Rimba Raya Biodiversity Reserve Project, Indonesia  
Stapled with 99 Greenfleet Australia Forestry Offsets  
Registry: Verra  
Serial No.'s: 9380-92409236-92409334-VCS-VOL-263-VER-ID-14-674-01072014-31122014-1

Date issued: 16 November 2023



**Iain Smale**  
Managing Director, Pangolin Associates Pty Ltd

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**Verified Carbon Standard**  
A VERRA STANDARD

## APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

Location-based method:

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method:

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

For this certification, electricity emissions have been set by using the **Market-based**.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kg CO <sub>2</sub> -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	2,764	0	8%
<b>Total non-grid electricity</b>	<b>2,764</b>	<b>0</b>	<b>8%</b>
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	19,804	0	60%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	5,614	0	17%
Residual Electricity	4,701	4,490	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>28,182</b>	<b>0</b>	<b>86%</b>
<b>Total grid electricity</b>	<b>30,119</b>	<b>4,490</b>	<b>77%</b>
<b>Total electricity (grid + non grid)</b>	<b>32,883</b>	<b>4,490</b>	<b>86%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>4,701</b>	<b>4,490</b>	
Scope 2	4,152	3,965	
Scope 3 (includes T&D emissions from consumption under operational control)	550	525	
<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>	
Scope 3	0	0	.

<b>Total renewables (grid and non-grid)</b>	<b>85.70%</b>
<b>Mandatory</b>	<b>17.07%</b>
<b>Voluntary</b>	<b>60.22%</b>
<b>Behind the meter</b>	<b>8.41%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>3.96</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>0.52</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>3.96</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>0.52</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>4.49</b>

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	30,119	30,119	21,987	4,518	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>30,119</b>	<b>30,119</b>	<b>21,987</b>	<b>4,518</b>	<b>0</b>	<b>0</b>
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	2,764	2,764	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
<b>Non-grid electricity (behind the meter)</b>	<b>2,764</b>	<b>2,764</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>32,883</b>					

Residual scope 2 emissions (t CO <sub>2</sub> -e)	21.99
Residual scope 3 emissions (t CO <sub>2</sub> -e)	4.52
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	21.99
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	4.52
<b>Total emissions liability</b>	<b>26.50</b>

### Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO <sub>2</sub> -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market based method is outlined as such in the market based summary table.		

### Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO <sub>2</sub> -e)
N/A	0	0

## APPENDIX C: INSIDE EMISSIONS BOUNDARY

### Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant non-quantified emission sources	Justification reason
N/A	

### Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.



## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisation.

## Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
---------------------------------------	------	-----------	------	--------------	-------------	---------------

N/A



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