JUSTICE OF THE PEACE (QUALIFIED) Reg.No.: 135483 DEPT. OF JUSTICE & ATTORNEY-GENERAL

Form 1
QUEENSLAND

Oaths Act 1867

STATUTORY DECLARATION

I, Trevor Andrew Hold, of **477 Gaton-Esk Road, Adare Qld 4343,** do solemnly and sincerely declare that:

1. Genesis Novel Nova, a registered Galloway cow, gave birth to a bull calf on 19 October 2023.
2. This bull calf was euthanised on the 30 November 2023, under vet care, after declining cognitive response and overall declining health since birth.
3. Genesis Novel Quannah, a registered Galloway cow, gave birth to a bull calf on 29 May 2024.
4. This bull calf was born with deformities and euthanised on 09 July 2024, under vet care, after declining cognitive response and overall declining health since birth.
5. The symptoms and decline in cognitive response and overall health were matched in both calves.
6. A Post Mortem Report was conducted by The University Of Queensland, issued 08 August 2024, with the final diagnosis being Degenerative hepatopathy and hepatic encephalopathy. (Degenerative liver disease is a term that describes the presence of degenerative changes in the liver. Hepatopathy is a general term for an abnormal or diseased state of the liver. Hepatic Encephalopathy is the loss of brain function when a damaged liver doesn't remove toxins from the blood.)
7. During the Necropsy, tests were completed to rule out viral disease, including PCR, bovine viral diarrhoea virus (spleen) and Agar-gel immunodiffusion test, bovine viral diarrhoea virus antibody (blood).
8. The comments in the report state "Toxic and/or genetic hepatopathy is favoured over infectious/inflammatory aetiologies in this case given minimal inflammation identified histologically.
9. The registered Galloway cattle have full documented history and DNA parentage tests dating back between 5 and 10 generations, with zero recorded liver problems history or associated calf deaths for any reason, ruling out genetic hepatopathy.
10. On the small acre farm where the herd resides, 477 Gatton Esk Road, Adare, Queensland, 4343, there is no Fire Weed (Senecio madagascariensis), Lantana (Lantana camara) or any other access to toxins, except the Toxic Chemicals, namely s-Methoprene and Pyriproxyfen distributed on my property, my neighbours' properties and upstream waterways by the Fire Ant Eradication Program from early 2019 to early 2024.
11. These Toxins, distributed by the Fire Ant Eradication Program aerially (by helicopter), using UTV (Utility Terrain Vehicle) and by foot, were distributed excessively, repeatedly and recklessly on my property, my neighbours' properties and upstream waterways.
12. Bioaccumulation, because of the excessive, repeated and reckless distribution of these Toxins (by the program), in the water supply, feed areas and on the ground where they graze, occurred in my cows, resulting in embryo and fetus development problems throughout pregnancy, for the two forementioned calves.
13. I provide (some of many) research papers which supports these chemicals can impact embryo and fetus development problems in mammals

a. **Repeated exposure of pyriproxyfen to pregnant female mice causes developmental abnormalities in prenatal pups**, Shahid, A., & Saher, M. (2020). Repeated exposure of pyriproxyfen to pregnant female mice causes developmental abnormalities in prenatal pups. Environmental Science and Pollution Research., 27(21), 26998–27009. https://doi.org/10.1007/s11356-020-08656-w

b. **Female Mice Exposed to Pyriproxyfen Since Prepuberty Showed Reproductive Impairment During Sexual Maturity and Increased Fetal Death in Their Offspring**, da Silva, A. S., de Mello, T. F., Fagá, H. F. E., Knorst, J. K., Silva, F. R. M. B., & Leite, G. A. A. (2024). Female Mice Exposed to Pyriproxyfen Since Prepuberty Showed Reproductive Impairment During Sexual Maturity and Increased Fetal Death in Their Offspring. Environmental Toxicology., 39(11), 5019–5038. https://doi.org/10.1002/tox.24374

c. **The Teratogenic Effects Of The Insecticide Pyriproxyfen On The Developing Chick Embryos**, Sedeek, R. A., Hafez, H. S., Mohallal, M. E., Sherif, N. E., & Mobarak, Y. M. (2023). THE TERATOGENIC EFFECTS OF THE INSECTICIDE PYRIPROXYFEN ON THE DEVELOPING CHICK EMBRYOS. Egyptian Journal of Zoology. https://journals.ekb.eg/article_322430.html

d. **Developmental toxicity of pyriproxyfen induces changes in the ultrastructure of neural cells and in the process of skull ossification**, Luckmann, M. R., Ferreira, M. A. S., da Silva, N. M., & Nazari, E. M. (2024). Developmental toxicity of pyriproxyfen induces changes in the ultrastructure of neural cells and in the process of skull ossification. Toxicological Sciences., 198(2), 260–272. https://doi.org/10.1093/toxsci/kfae009

e. **Toxicity risk assessment of pyriproxyfen and metabolites in the rat liver: A vitro study**, Liu, H., Li, P., Wang, P., Liu, D., & Zhou, Z. (2020). Toxicity risk assessment of pyriproxyfen and metabolites in the rat liver: A vitro study. Journal of Hazardous Materials., 389. https://doi.org/10.1016/j.jhazmat.2019.121835

and I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the *Oaths Act 1867*.

I declare that the contents of this statutory declaration are true and correct. Where the contents of this declaration are based on information and belief, the contents are true to the best of my knowledge and I have stated the source of that information and grounds for the belief.

I understand that it is a criminal offence to provide a false matter in a declaration, for example, the offence of perjury under section 123 of the Criminal Code.

I state that:

A. This declaration was made in the form of an electronic document.*[1]

B. This declaration was electronically signed.*[2]

C. This declaration was made, signed and witnessed under part 6A of the *Oaths Act 1867*.*[3]

*(*delete whichever statements are not applicable)*

JUSTICE OF THE PEACE (QUALIFIED) Reg.No.: 135182 DEPT. OF JUSTICE & ATTORNEY-GENERAL

3of4

DECLARED by

TREVOR ANDREW HOLD
[insert full name of declarant]

[signature of declarant / substitute signatory*]

at GATTON
[insert place where declarant is located]

03/12/2024
[date]

Signed for and at the direction of the declarant by*

[insert full name of substitute signatory]*

*delete if not applicable

In the presence of:

Steven Wesley Ruyters JP (Qual)

[insert full name of witness]

[signature of witness]

JP (QUAL)
[insert type of witness][4]

03/12/2024
[date]

GATTON CHURCH OF CHRIST.
[insert name of law practice / witness's place of employment]*[5]
*delete if not applicable

JUSTICE OF THE PEACE (QUALIFIED)
Reg.No.: 135182
DEPT. OF JUSTICE & ATTORNEY-GENERAL

For special witnesses to complete – Tick as applicable

☑ I am a **special witness** under the *Oaths Act 1867*.
(see section 12 of the Oaths Act 1867)

☐ This document was made in the form of an electronic document.[6]

☐ I electronically signed this document.[7]

☐ This statutory declaration was made, signed and witnessed under part 6A of the *Oaths Act 1867* – I understand the requirements for witnessing a document by audio visual link and have complied with those requirements.[8]