A herd of sheep in a field

Description automatically generated

**DPIRD AEC - Proposal to use Animals for Scientific Purposes**

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| Project and Funding Information | |
| **Trial/activity number** | *Provided to you by the DPIRD Animal Ethics Office.* |
| **Title of activity** |  |
| **Principal Investigator** |  |
| **Animal Usage Start** | Click or tap to enter a date. |
| **Animal Usage End** | Click or tap to enter a date. |
| **Research Activity or Demonstration?** |  |
| **Purpose** | Choose an item. |
| **Procedure** | Choose an item. |
| **Does this activity relate to a previously approved application?** | Yes  No  If yes, what is the AEC number: |
| **Funding Body** |  |
| **Related Activities** |  |
| **Sufficient funds for the duration of this project?** | Yes  No |
| **Inter Institutional Agreement?** | Yes  No |
| **Conflict of interest?** | Yes  No |

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| Team | |  |  |
| **Resource** | **Role** | **Organisation** | **Contact** |
| *Who?* | *What is their role?* | *Which institution?* | *Contact details.* |
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| Location of Activity | |  |
| **Address of Property** | **Privately Owned?** | **Leased?** | |
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| Project Design, Purpose and References |

**Glossary**

*Please provide layman’s definitions of all scientific/abbreviated terms here in the glossary.*

**Introduction and Background**

*In layman’s terms (plain English), please give some background to your research activity. Start very general and basic, as if you were explaining it and giving context to someone off the street who had no idea about anything you do. Please in-text reference.*

**Was biometric endorsement required for this trial?** Yes  No

**If Yes, please write a short description of what was discussed:**

**If No, justify why no biometrician:**

**Outcomes**

*Please relate your activity to DPIRD’s strategic outcomes, found here:* [*Strategic Outcomes 2022-26*](https://www.wa.gov.au/government/publications/strategic-intent-2022-26-department-of-primary-industries-and-regional-development)

**Hypothesis**

*Scientific hypothesis. If your activity is a Demonstration, please write N/A.*

**Research Aim**

*If your activity is a Demonstration, please write N/A.*

**Objective**

*Activity objectives.*

**Experimental Design**

*The plan to test your hypothesis. Remember to define all scientific terms in the Glossary.*

**Detailed Methods**

*The detailed/more scientific version of what you will be doing.*

**Originality**

*How original is this research? Has it been done before, is it the first of its kind?*

**References***Bibliography of all references used from introduction through experimental design.*

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| Death as an Endpoint |

**Does death as an endpoint form part of this activity?**

**Please describe how the deaths will occur, how they’ll be managed, and how high welfare standard will be maintained?**

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| Animal Details and Numbers |

**If there is a related species that could be used, please explain why not used?**

**Maximum number of animals to be used over period of the project:**

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| Animals | | | | | | | | | | |
| **Year**  *Please include animals from each year separately* | **Species**  *General species, e.g. “Sheep”* | **Sex** | **Usage**  *New, Re-used or Co-used?* | **Source**  *Select from drop-down.* | **Type**  *Select from drop-down.* | **Privately**  **Owned** | **Leased** | **# of Animals Used** | **Fate of animals** | **Genetically modified?** |
|  |  |  |  | Choose an item. | Choose an item. |  |  |  |  |  |
|  |  |  |  | Choose an item. | Choose an item. |  |  |  |  |  |
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**Animals being used concurrently in another project (Co-Use)?**  Yes  No

**If Yes:**

**Have the animals recovered from their previous activity?**

**Describe any pain or distress caused specifically by the animals undergoing multiple procedures.**

**Total time animals will be co-used (in days):**

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| Animal Relocations | | | | | |
| **# of Animals** | **Date**  *Can be approximate.* | **Location From** | **Location To** | **Transport Type**  *e.g. truck, walk, ute.* | **Transport Details**  *Any other details.* |
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| Procedures – *please list all procedures done to the animals including routine husbandry* | | | | | | | | | | | |
| **Type** | **Procedure Name** | **SOP #**  *If one exists.* | **Procedure Description**  *If you do not have an approved SOP for this procedure, detail is required.* | **Frequency**  *Times per days, hours, weeks?* | **Substance**  *Drug, etc.* | **Dosage** | **Route Administered** | **# of Animals** | **Main Operator** | **Additional Operators** |
| Choose an item. |  |  |  |  |  |  |  |  |  |  |
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| Measurements and Observations | | | | |
| **Measurement or Observation**  *What will you be measuring for your research?* | **Application**  *How will you measure it?* | **Frequency**  *How often?* | **Unit**  *In what units?* | **Notes** |
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| Addressing the 3R’s |

**Replacement**

*How have you tried to replace the need for animals to achieve this research?*  
  
**Reduction**

*How have you tried to use fewer animals while still maintaining statistical validity?*

**Refinement**

*How have you chosen methods that alleviate or minimise pain and distress in animals, or enhanced their wellbeing?*

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| Expected Deaths | | | |
| **Potential Cause of Death** | **Impact on Welfare** | **Steps Taken to Minimise Impact** | **% of Animals Affected** |
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| Fate of Distressed or Injured Animals | | | | |
| **Registered Vet Surgeon Consulted?**  *If No, why not?* | **Describe decision making process to treat or euthanise** | **Will Pentobarbital Sodium be used?** | **Fate of Animals**  *Euthanasia by what? Removal from research?* | **Disposal of Animal Body** |
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| Critical Limits | | |
| **Parameter** | **Critical Limit**  *Include a percentage of animals affected above which will be cause for concern.* | **Actions** |
| Choose an item. |  |  |
| Choose an item. |  |  |
| Choose an item. |  |  |

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| Animal Welfare Monitor Planned Inspections | | | | |
| **Date**  *Leave if unsure.* | **Frequency** | **Responsibility**  *AWM or yourself (self-report)?* | **Purpose** | **Information to be provided** |
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| Animal Welfare Risks | | | | |
| **Risk Name** | **Responsibility** | **Monitoring Start Date** | **Planned Inspection Frequency** | **Monitoring Method** |
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| Health, Safety and Chemicals |

**Explain and describe the risks to other animal or people health, and the precautions taken:**

**Describe biosecurity procedures that will be undertaken:**

**Will veterinary chemicals be used in this activity?**  Yes  No

**If Yes, will** v**eterinary chemicals be used in accordance with the labels?**Yes  No

**AVPMA Permit number:**

**Is this a continuation of an approved DPIRD AEC research activity?**

**If Yes, AEC #:**

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| Threatened Fauna, Environmental Protection and BCA Act 1999 |

**Is this target species listed under the Environmental Protection and Biodiversity Conservation Act 1999 as threatened? If Yes, justify why it is being used.**

**If required, do you have Biodiversity Conservation Act 2016 Authorisation:**

Yes  No

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| Further Information |

**Is this activity using genetically modified animals?**

Yes  No

Describe:

**Does this activity have potential IP complications?**

Yes  No

Describe:

**Production of commercial products or services?**

Yes  No

Describe:

**Provision of prescriptive advice?**

Yes  No

Describe:

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| Principal Investigator Declaration |

**I hereby declare that:**

**The Code:**

I have read, understood and agree to abide by the *Australian Code for the Care and Use of Animals for Scientific Purposes 8th Edition;* including Chapter 2.4: Responsibilities of investigators.

I confirm that I will conduct the research in accordance with AEC approval and in compliance with the Code.

I will continue to consider the three Rs throughout the duration of the project.

All animals in this activity will receive humane and proper treatment in accordance with this proposal and the expectations of DPIRD, the AEC and the Code.

**Research Personnel Responsibilities:**

I understand that as the Principal Investigator, I have ultimate responsibility for the conduct of the activity and/or the care of the animals.

I will ensure that all people involved in the activity understand and accept their roles and responsibilities.

I will ensure all activity personnel are aware of and understand the techniques, methodology and any conditions approved for this project and any relevant Standard Operating Procedures.

Personnel identified as competent animal handlers have the qualifications, experience and training required for all procedures and species identified for the project and the competency to deal with adverse events should they occur.

Supervised training by a competent and trained person will be provided for all personnel who do not have the required level of skill and experience, and evidence of this will be submitted to the Office before the animal use starts/before the team member starts handling animals.

**Research Activity Resources (funding and personnel):**

Where appropriate, I have discussed the resourcing and feasibility of this activity with the relevant Facility Manager, Cost Centre Manager and Line Manager.

Adequate resources will be available to ensure that the activity is conducted according to the proposal’s approval and conditions and animal welfare is not compromised.

**Unexpected adverse events:**

I agree to notify the AEC within 24 hours of any adverse event relating to this project.

**Amendments:**

I understand that no part of the approved project may be changed without prior AEC approval.

**Permits, Licenses, and Chemical Use:**

I will abide with the requirements for the acquisition, retention or use of the animals subject to any permit, law or regulation of the State or Commonwealth.

Veterinary chemicals will be used in accordance with ALL directions, withholding periods and warnings detailed on the product label and/or permit. Any off-label use must be conducted in accordance with the relevant legislation.

I acknowledge that all the information contained in the application form is a true and accurate record.

**Principal Investigator Full Name:**

**Signature:**

**Date:**

**Important Disclaimer**

The Chief Executive Officer of the Department of Primary Industries and Regional Development and the State of Western Australia accept no liability whatsoever by reason of negligence or otherwise arising from the use or release of this information or any part of it.

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