

**ADVERSE EVENT 350 ~ (Status=ACCEPTED)(Applicant=[REDACTED]) (AE APPLICATION 15567) Breeding cloned sheep for generating absolute transmitters and phenotype evaluation - Lambing**

Group	Line	Question	Answer
		<b>ASSOCIATED Documents</b>	
		[REDACTED]	Post mortem Group 2&3 Lambs 2022
		<b>0. ADMINISTRATIVE DETAILS</b>	
0	1	<b>Title</b>	(AE APPLICATION 15567) Breeding cloned sheep for generating absolute transmitters and phenotype evaluation - Lambing
0	2	<b>Institution</b>	AgResearch Limited
0	3	<b>Business Address</b>	10 Bisley Road Hamilton
0	4	<b>Phone</b>	[REDACTED]
0	5	<b>Mobile phone</b>	[REDACTED]
0	6	<b>Email</b>	[REDACTED]
0	20	<b>EVENT DETAILS - PLEASE ATTACH VETERINARY AND POST-MORTEM REPORTS TO THIS FORM -</b>	
0	21	<b>Date and location of the event(s). Enter multiple dates if required, if multiple locations - pls use separate adverse event form for each.</b>	ACF 30/11/22 & 1/12/22 - C sections, Birth and Euthanasia
0	22	<b>What type of Adverse Event are you reporting</b>	Other
0	23	<b>Please describe in detail the Adverse Event that you are reporting</b>	Lamb deaths were unexpected on the scale that they occurred. Cloning abnormalities were expected (historically they occur) but there was no acceptable number or percentage of non viable lambs born outlined in the application.  Lambs: (5 euthanised, 1 born dead) 176a - Parrot Mouth 176b - Overshot lower Jaw born dead 153 - Legs abnormal 136a - Small and not breathing 136b - Parrot mouth, watery belly 130 - Parrot mouth
0	24	<b>Please describe any actions that you have taken to deal with this Event</b>	All deaths/abnormalities were reported to the ethics committee as they occurred in a detailed report given . All lamb deaths had a post-mortem performed by a veterinarian. All euthanasia of lambs (was undertaken on humane grounds via pentobarbitone given by a veterinarian).
0	25	<b>How many animals were impacted by the adverse event? (please use this number in Section 97)</b>	14
0	26	<b>What would the impact of this event have been on the animals affected?</b>	Minimal hopefully as euthanised quickly.
0	27	<b>What would be impact grade be for this/these animals?</b>	8 ewes - C 1 lamb - C 5 lambs - D
0	28	<b>Was the Adverse Event directly due to the project or manipulations carried out?</b>	Yes
0	29	<b>NOTE: If YES, any change in Impact grading will need to be accounted for in your STATISTICS report</b>	
0	55	<b>COMPLIANCE</b>	
0	56	<b>Do any external agencies need to be notified of this Event</b>	No
0	60	<b>CONTINGENCY PLAN</b>	
0	62	<b>Could a similar event be prevented in the future</b>	No

0	63	<b>If YES, please describe the contingency plan you have put in place to avoid a reoccurrence</b>	<p>From a veterinary care point of view I believe (with the resources and knowledge available to me at the time) we did all we could to minimize any animal suffering whilst still trying to have live animals on the ground.</p> <p>All lambs that died/euthanased had conditions non consistent with life or a 'good life'. The ewes were in their home environment and knew a brief experience of a non productive parturition and then head restraint for administration of the captive bolt gun.</p> <p>Sheep cloning appears to be associated with a high percentage of lamb deaths and abnormalities and therefore this level of animal welfare impact needs to be weighed up by the committee when considering this sort of work.</p>
<b>97. SOURCE(s) and TRIAL SITE(s)</b>			
97	1	<b>This section allows statistics to be gathered for MPI and Animal use information</b>	
97	2	<b>SHEEP</b>	Source = AGR Ruakura Containment Facility Trial Site = AGR Ruakura Containment Facility Number = 14
98	1	<b>Status Change</b>	( [REDACTED] 20/12/2022) SUBMIT
98	2	<b>Committee Decision</b>	( 11/01/2023 RESUBMIT [REDACTED] ) 0-28 This should be Yes and the resultant questions answered. 0-21 euthanisa should be euthanasia Please have [REDACTED] sign this adverse event.
98	3	<b>Status Change</b>	( [REDACTED] 18/01/2023) SUBMIT
98	4	<b>Committee Decision</b>	( 20/01/2023 PREVIEWED [REDACTED] )
98	5	<b>Committee Decision</b>	( 26/01/2023 ACCEPTED [REDACTED] ) Please ensure your Report A and Statistics are submitted promptly as they must be reported to MPI in February.
<b>99. PERSONNEL and Sign off</b>			
99	1	<b>Committee</b>	RUAKURA
99	1	<b>Programme leader and Facility manager must sign. Other personnel who were involved in the Adverse Event being reported should sign off this form.</b>	
99	99	<b>AEC_AHC_ [REDACTED] ~ approved ~ Job ( ) Location ( ; )</b>	Veterinarian
99	99	<b>[REDACTED] ~ approved ~ Job (Animal Technician) Location (Ruakura; Animal Phys Yard, First Aid)</b>	Animal Technician
99	99	<b>[REDACTED] ~ approved ~ Job (Research Farm Manager, Ruakura) Location (Ruakura; Manager-Animal Containment Facility, Yard; First Aid)</b>	Farm Manager
99	99	<b>[REDACTED] ~ approved ~ Job (Senior Scientist) Location (Ruakura; An Phys. First Aid)</b>	Scientist