



Inspection Report

South Dakota State University
Morrill Hall 200f
Box 2201
Brookings, SD 57007

Customer ID: **1561**

Certificate: **46-R-0002**

Site: 001

SOUTH DAKOTA STATE UNIVERSITY

Type: ROUTINE INSPECTION

Date: 29-JAN-2020

2.31(c)(7) CRITICAL

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

During USDA review of IACUC records and facility paperwork on January 29, 2020 and January 30, 2020 the following were found:

On September 29, 2019 a Bighorn ewe identified as Dolly, and under study on an active research protocol, was found dead. Observation records and necropsy submission information show that the ewe was observed by research personnel on September 25, 2019 to be less active than normal. On September 28, the ewe was recumbent and not displaying normal avoidance behavior when personnel entered the pen. On September 29, 2019 the ewe was found dead in its pen. Diagnostic laboratory necropsy findings on the ewe included pulmonary edema, mycoplasma infection, copper deficiency, aspiration pneumonia and mild suppurative hepatitis.

The IACUC approved research protocol for this study states: "With our observation schedule we expect to recognize most all severely affected individuals so that they can be captured, examined, and then humanely euthanized to alleviate pain and distress rather than dying of disease. For practical purposes, euthanasia will be performed when the animal becomes sufficiently weak, lethargic, or moribund that they are not able to rise and flee to avoid restrain (sic) by an approaching research or animal care member."

The ewe died without the benefit of euthanasia despite observations recorded by research personnel on September 28, 2019 which support the ewe had reached the described endpoint for euthanasia as outlined in the approved research protocol. This is an unapproved deviation from the IACUC approved protocol and not in compliance with 9 CFR 2.31 (c)(7).

To ensure the well-being and humane treatment of all research animals, it is important for the IACUC to review and approve any significant changes regarding the care and use of animals in ongoing research activities

Correct by February 06, 2020

Prepared By: SECOR THOMAS, D V M USDA, APHIS, Animal Care

Date:
05-FEB-2020

Title: VETERINARY MEDICAL OFFICER 6108

Received by Title: ATTENDING VETERINARIAN

Date:
05-FEB-2020



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This inspection was conducted on 29JAN2020 and 30JAN2020 with the facility Attending Veterinarian.
The exit interview was conducted on 05FEB2020 with the Attending Veterinarian and the facility Research Integrity and Compliance Officer.

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
1561	46-R-0002	001	SOUTH DAKOTA STATE UNIVERSITY	29-JAN-20

Count	Scientific Name	Common Name
000013	<i>Cavia porcellus</i>	DOMESTIC GUINEA PIG
000013	Total	