



Inspection Report

Colorado State University
203 Administration 2001 Campus Delivery
Fort Collins, CO 80523

Customer ID: **1195**
Certificate: **84-R-0003**
Site: 001
COLORADO STATE UNIVERSITY

Type: ROUTINE INSPECTION
Date: 20-JUN-2017

2.31(c)(7) REPEAT

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Significant changes regarding the care and use of animals in ongoing activities in protocol #15-6250A involving groundhogs were not approved by the Institutional Animal Care and Use Committee (IACUC).

The protocol states that transport "will be via USDA-approved commercial carriers and CSU personnel will not do the transport." On or around April 13, 2016, protocol personnel utilized a rental commercial vehicle and transported 22 groundhogs from New York to the facility. The vehicle was not climate controlled.

The protocol further states that the animals would be housed at the facility. At the request of the principle investigator, 8 groundhogs pups were removed from the facility by protocol personnel within approximately six days of birth. These animals were transported by protocol personnel to and from their residences on a daily basis. Seven of these eight groundhogs pups died, some of which died at one of the residences.

The IACUC was not made aware of these significant changes by the principle investigator.

Unapproved significant changes to the protocol could result in unanticipated pain and distress, and put the animal's welfare at risk. Any significant changes to the approved protocol must be reviewed and approved by the IACUC prior to implementing the changes.

2.33(b)(3) DIRECT

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

The facility did not perform adequate daily observations of a sheep and failed to identify her thin body condition and rapid breathing.

During a walk-through of the sheep barn at the Veterinary Teaching Hospital on June 20, 2017, APHIS inspectors discovered that a female sheep, ID KC02, appeared thin and was breathing rapidly. The sheep had undergone surgery as part of a research protocol #17-7213A. There were three other sheep in the enclosure that had undergone surgery as part of the same protocol; all of these sheep were breathing normally. There was an

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additional 12 adult sheep in the neighboring pens of this sheep's enclosure who were also breathing normally.

There is no documentation or record indicating that these clinical signs had been noticed or communicated to a facility veterinarian prior to the APHIS inspection. As a result, veterinary care for the sheep had not been provided.

Daily observation of all animals is critical to ensuring that conditions that can adversely affect health and well-being are recognized and conveyed to a facility veterinarian in a timely manner so that appropriate methods can be employed to ensure adequate care. The facility must conduct appropriate daily observations of all animals to ensure that all health and behavioral concerns are found in a timely manner and appropriately communicated with the attending veterinarian.

At the time of the inspection, a veterinarian examined the sheep and initiated treatment. Additional training of staff has also been implemented by the facility.

To be corrected from this date forward.

A complete routine inspection was conducted from 06/20-06/23/17. This report is limited to the direct and critical noncompliant items identified on that inspection. A second inspection report containing indirect noncompliant items will follow. Both the inspection and exit interview were conducted with facility representatives on 06/23/17.

Additional Inspectors

Schnell Michael, Veterinary Medical Officer

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
1195	84-R-0003	001	COLORADO STATE UNIVERSITY	20-JUN-17

Count	Scientific Name	Common Name
000003	<i>Camelus dromedarius</i>	DROMEDARY CAMEL
000034	<i>Canis lupus familiaris</i>	DOG ADULT
000053	<i>Capra hircus</i>	DOMESTIC GOAT
000317	<i>Cavia porcellus</i>	DOMESTIC GUINEA PIG
000045	<i>Cynopterus sphinx</i>	SHORT-NOSED FRUIT BAT
000068	<i>Equus caballus</i>	DOMESTIC HORSE
000034	<i>Felis silvestris catus</i>	CAT ADULT
000006	<i>Lama pacos</i>	ALPACA
000007	<i>Marmota marmota</i>	ALPINE MARMOT
000042	<i>Marmota monax</i>	GROUNDHOG / WOODCHUCK
000043	<i>Mesocricetus auratus</i>	SYRIAN / GOLDEN HAMSTER (COMMON PET/RESEARCH TYPE)
000003	<i>Muntiacus reevesi</i>	REEVE'S MUNTJAC
000030	<i>Odocoileus virginianus</i>	WHITE-TAILED DEER
000029	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000129	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000029	<i>Peromyscus gossypinus</i>	COTTON DEERMOUSE
000872	Total	