



Inspection Report

Trustees Of Dartmouth College
6004 Parkhurst Hall
Hanover, NH 03755

Customer ID: 166

Certificate: 12-R-0001

Site: 001

DARTMOUTH COLLEGE-ARC MOORE

Type: ROUTINE INSPECTION

Date: 19-APR-2017

2.31(d)(1)(ii)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Consideration of Alternatives.

**Protocol #16-51 includes a procedure that would be considered more than momentarily painful or distressful but the protocol approved by the IACUC did not contain a written narrative description of the methods and sources used to determine that alternatives were not available to that procedure.

**Protocol #16-86 includes several procedures that would be considered more than momentarily painful or distressful but the protocol approved by the IACUC did not contain a written narrative description of the methods and sources used to determine that alternatives were not available to those procedures.

Per this Section of the Regulations, whenever a proposal for animal use contains procedures that may cause more than momentary pain or distress to the animals, the investigator is required to consider alternatives to those procedures and provide a written narrative description of the methods and sources used to determine that alternatives were not available. This requirement is important to ensure that all procedures involving animals minimize pain and distress to the animals.

The IACUC needs to address this deficiency that was identified for these two protocols.

Correct by 6/1/17.

2.31(e)(3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Complete Description of Animal Use.

** Protocol #16-64 did not contain a complete description of all of the animal use activities to be performed on the animals that are included in the proposal. The lack of a complete description includes the frequency of blood collection and the study timelines.

Prepared By: GOWINS JESSICA, D V M USDA, APHIS, Animal Care

Date:
01-MAY-2017

Title: VETERINARY MEDICAL OFFICER 6111

Received by Title: DIRECTOR, CENTER OF COMPARATIVE MEDICINE

Date:
01-MAY-2017



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Per this Section of the Regulations, proposals to conduct an activity involving animals must contain a complete description of the proposed use of the animals so the IACUC can determine that the components of the proposed activities related to the care and use of animals are in accordance with all of the requirements outlined in this subchapter.

The IACUC needs to address this deficiency that was identified for this protocol.

Correct by 6/1/17.

2.38(f)(1) CRITICAL

MISCELLANEOUS.

Handling.

**In March 2016 husbandry staff found 7 voles deceased in their primary enclosures and one other vole was exhibiting signs of illness; veterinary staff were immediately contacted. The sick vole was humanely euthanized. Upon being notified and in response to this information, the IACUC and AV immediately looked into the incident.

It was determined that husbandry staff had changed water bottles on all of the enclosures in the vole housing room 2 days earlier but had failed to put a replacement bottle on 4 enclosures containing the 8 animals; in addition husbandry staff failed to detect the lack of a water bottle on the 4 enclosures during the daily observations. As a result the animals did not have access to water for 2 days.

Per this Section of the Regulations, the handling of animals by all personnel, including husbandry staff, should be done as carefully as possible in a manner that does not cause physical harm, behavioral stress, or unnecessary discomfort.

The research facility acted promptly to address this incident by conducting an investigation, reporting the incident to OLAW, and swiftly implementing appropriate corrective actions to prevent similar incidents in the future. Corrective actions included but were not limited to implementing changes to SOPs related to animal care and husbandry practices and providing additional retraining of husbandry staff. No additional incidents have occurred.

This item has been appropriately addressed and corrected by the research facility.

3.81(e)(1)

ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

Exemptions.

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**At the time of inspection, 2 NHPs were identified that are singly housed without either a permanent or an IACUC approved exemption. They had arrived in July 2016, were singly housed during the quarantine period, and have remained singly housed since the quarantine period ended.

The review of the medical records for both of the NHPs revealed that although the Attending Veterinarian (AV) has made some entries referring to the single housing status of the animals, entries have not been made every 30 days, and the basis of the exemption to social housing was not consistently recorded.

Per this Section of the Regulations, the Attending Veterinarian (AV) may exempt an individual nonhuman primate from participation in the environment enhancement plan because of its health or condition, or in consideration of its well-being. The basis of the exemption must be recorded by the AV for each exempted nonhuman primate. Unless the basis for the exemption is a permanent condition, the exemption must be reviewed at least every 30 days by the AV.

The AV needs to review all NHPs that may be exempted from participation in the research facility's environmental enhancement plan at least every 30 days when the reason for the exemption is not permanent or required for scientific reasons as described in an IACUC approved research proposal.

Correct by 5/1/17.

NOTE – Inspection conducted 4/19/17 and 4/20/17. Exit briefing held on-site 4/20/17 with facility representatives.

Additional Inspectors

Gladue Paula, Veterinary Medical Officer

Prepared By: GOWINS JESSICA, D V M USDA, APHIS, Animal Care

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
166	12-R-0001	001	DARTMOUTH COLLEGE-ARC MOORE	19-APR-17

Count	Scientific Name	Common Name
000262	<i>Clethrionomys/myodes glareolus</i>	BANK VOLE
000003	<i>Macaca mulatta</i>	RHESUS MACAQUE
000002	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000267	Total	