



Inspection Report

Wake Forest University
Medical Center Boulevard
Winston Salem, NC 27157

Customer ID: 825
Certificate: 55-R-0001
Site: 001

ANIMAL RESOURCES PROGRAM/DOWNTOWN CAMPUS

Type: ROUTINE INSPECTION
Date: 19-APR-2016

2.32(a)

PERSONNEL QUALIFICATIONS.

One pig on protocol 3XX4 that had abdominal surgery on 9/21/15 was euthanized one day later due to surgical complications. Necropsy findings included discovery of a surgical towel in the abdominal cavity and acute peritonitis. Although the animal received appropriate analgesia, it was determined that the post-operative monitoring of this animal was inadequate and was not performed according to the facility's standard post-operative monitoring procedures.

Per this section of the regulations, it is the responsibility of the research facility to ensure that all scientists, research technicians, and other personnel involved in animal care and use are qualified to perform their duties.

The research facility acted promptly to address this incident by conducting an investigation, reporting the incident to OLAW and USDA, and swiftly implementing appropriate corrective actions to prevent future occurrences. Corrective actions included providing thorough retraining of all personnel involved in the surgical procedures and post-surgical monitoring associated with this protocol.

The research facility has taken appropriate steps to address this item.

2.33(b)(2)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

The following improperly labelled medications and/or expired drugs were identified in investigator lab spaces during this inspection: 1 tube of neosporin topical ointment with expiration date of 2013; 8 bottles of eye medication with expiration dates ranging from 10/2011 to 1/2013; one large syringe containing 30 ml of clear liquid with no content-identifying label with a date of 11/2/15; one large syringe containing 45 ml of clear liquid which was labeled ket/roc 4/13/16 .

As part of the program of veterinary care, the research facility must ensure that all medications are properly labelled with the contents name and concentration, expiration date. When mixtures of more than one medication are

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prepared, a "use by" date should be indicated on the label. These measures ensure that medications are identified correctly, used in safe doses and not used past their expiration date or shelf life. Correct from this date forward.

3.1(b)

HOUSING FACILITIES, GENERAL.

During the inspection of investigators' procedure spaces where animals are brought for electrical recording and study sessions, accumulations of dust, hair, excess unused materials, surplus equipment, boxes and previously used medical supplies were noted in and around the animal testing spaces. Although no adverse events have been reported and no signs of active infection were noted in the animals, the level of cleanliness observed is not acceptable for an area being used for invasive recording sessions due to the potential for contamination and infection in the animals.

Animal areas must be kept neat and free of clutter, including equipment and stored material, but may contain fixtures and equipment necessary for proper research needs. The level of housekeeping needs to be improved to ensure the health of the animals. Correct by June 1, 2016.

3.125(a)

FACILITIES, GENERAL.

In June 2015, a prairie vole was found dead outside its enclosure in the vole housing room. Upon being notified, the research facility determined that the vole cage was not secured into the rack appropriately, allowing the vole to escape, resulting in its death.

During a recent 11 month period, two sheep were found outside their primary enclosures within the animal room. Although it could not be determined exactly how the sheep escaped, initial modifications were made to the enclosures and further modifications are under development.

Per this section of the regulations, enclosures shall contain the animals. The research facility acted promptly to address these incidents by conducting investigations, reporting the events to OLAW and USDA, and by implementing appropriate corrective actions including retraining (vole) and enclosure modifications (sheep). The vole incident is considered corrected. The sheep incident is currently in the process of being corrected, pending receipt and installation of additional caging materials that have been ordered. Correction date: June 1, 2016.

NOTE: Inspection conducted from 4/19/16 through 4/22/16 by Mary Ann McBride, VMO and Paula Gladue, VMO.

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Exit interview conducted 4/22/16 on site with facility representatives.

Additional Inspectors

Gladue Paula, Veterinary Medical Officer

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
825	55-R-0001	001	ANIMAL RESOURCES PROGRAM/DOWNTOWN CAMPUS	19-APR-16

Count	Scientific Name	Common Name
000015	<i>Canis lupus familiaris</i>	DOG ADULT
000305	<i>Chlorocebus aethiops</i>	AFRICAN GREEN MONKEY / GRIVET
000014	<i>Felis silvestris catus</i>	CAT ADULT
000185	<i>Macaca fascicularis</i>	CRAB-EATING MACAQUE / CYNOMOLGUS MONKEY
000249	<i>Macaca mulatta</i>	RHESUS MACAQUE *MALE
000300	<i>Microtus pennsylvanicus</i>	MEADOW VOLE
000002	<i>Muscardinus avellanarius</i>	HAZEL DORMOUSE
000149	<i>Oryctolagus cuniculus</i>	EUROPEAN RABBIT
000017	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000013	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
001249	Total	