



## Inspection Report

Auburn University  
OFFICE OF VICE PRES FOR RESEARCH  
202 SAMFORD HALL  
AUBURN, AL 36849

Customer ID: **833**  
Certificate: **64-R-0005**  
Site: 001  
BIOLOGICAL RESEARCH  
FACILITY

Type: ROUTINE INSPECTION

Date: 13-FEB-2024

### 2.31(c)(7)

#### Repeat

#### Institutional Animal Care and Use Committee (IACUC).

The principal investigator and lab staff made several changes regarding the care and use of animals on approved protocol 2022-5109 without the IACUC first reviewing and approving the proposed changes. The IACUC received an internal complaint regarding these changes on July 3, 2023. After an IACUC investigation, the protocol was suspended. The IACUC determined that the unapproved changes made by lab staff included administering drug doses incongruent with the dose escalation schedule in the approved protocol, not conducting post-treatment assessments as described, and performing procedures (large blood draws) not approved by the IACUC. No adverse events were identified in the animals. The IACUC is responsible for approving all proposed activities or proposed significant changes to ensure that the activities related to the care and use of animals are in accordance with the Animal Welfare Act. The IACUC shall review and approve, require modifications in, or withhold approval of proposed significant changes regarding the care and use of animals in ongoing activities. Corrected for this protocol by suspension of protocol.

### 2.33(b)(2)

#### Attending veterinarian and adequate veterinary care.

Two dogs were identified during this inspection that are in need of veterinary care.

\*Dog #19422 was identified as having a large amount of thick hard brown grey material on the teeth (tartar). The medical record was reviewed and the annual exam done on 10/12/23 stated that 'dental tartar was present and needs dental'. No dental has been performed. The inspector was told that the dental machine is not currently in working order and that the procedure would need to be carefully scheduled due to the research work. There was no notation in the medical record of any special considerations regarding doing a dental or for any other treatment options. The inspectors also identified that this dog has redness in both ears along with a black discharge in the ears during the inspection on 2/13/24. The medical record reviewed on 2/15/24 shows that a veterinarian diagnosed an ear infection on 2/14/24 and started the dog on treatment.

\*Dog #19423 was identified by the inspectors as having a large amount of thick hard brown grey material (tartar) on the teeth. The medical records, including the last annual exam, do not note this finding or any method of prevention or treatment.

The facility shall ensure the use of appropriate methods to prevent, control, diagnose and treat diseases such as dental disease and ear infections to ensure the health and well-being of the dogs. Both dogs #19423 and #19422 shall be

Prepared By: BRITTANY KESSLER

USDA, APHIS, Animal Care

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15-FEB-2024

Title: VETERINARY MEDICAL  
OFFICER

Received by Title: Attending Veterinarian

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evaluated and have a plan for treatment and care developed and documented for the dental issues identified.  
Correct by February 20, 2024.

### 3.1(c)(1)(i)

#### Housing facilities, general.

Several cat and dog housing enclosures have areas of rust affecting the metal wires and in the case of the dogs the metal poles where the wires are attached. The cat enclosures show rust on the wire of the enclosure at the back of the enclosures. The dog enclosures show rust along short sections of the bottom support poles and the poles at the gates to the enclosures along with the metal wires in the same areas. The rusty surfaces are rough and starting to become pitted. Rusty surfaces cannot be adequately cleaned and sanitized and over time the rusted metal will lose structural strength. The surfaces of housing facilities must be made of materials that allow them to be readily cleaned and sanitized and surfaces that come into contact with dogs or cats must be free of rust that prevents the required cleaning and sanitization. or that affects the strength of the surfaces.

Correct by April 15, 2024.

### 3.11(c)

#### Cleaning, sanitization, housekeeping, and pest control.

Two areas of the housing facility premises for the dogs and cats are in need of cleaning.

\*The drainage area behind a series of cat enclosures contains an accumulation of dirt discoloring the floor, hair along the wall side of the drain, and excreta. The affected drainage area was the half of the drainage gutter that was not easily reachable by staff because a piece of metal prevents staff access to the area.

\*To access the dog exercise yard, the dogs are leash walked through a decommissioned housing building that contains an elevated concrete walkway with a stepdown on both sides to a lower floor area. These lower areas are easily accessible to the dogs being leash walked and contained dirt, old food wrappers, dead insects, cigarette butts and other trash/debris.

Housing facility premises including buildings and surrounding grounds, must be kept clean and in good repair to protect the animals from injury, to facilitate husbandry practices and to reduce/eliminate breeding and living areas for pests.

Correct by February 22, 2024.

### 3.13(a)(3)

#### Veterinary care for dogs.

Puppy medical records indicate that a litter of puppies born 11/17/2023 received a single dose of Strongid dewormer on 1/4/2024. Loose stool was observed in the run that contained the 4 puppies. The program of veterinary care section for intestinal parasites refers to a sampling and treatment per IACUC approved schedule. After clarification from the attending veterinarian, the schedule should be located in the SOP 2022-5063. This SOP does not contain a schedule for deworming or sampling for intestinal parasites in puppies.

The written program of veterinary care ensures that the dogs are being given appropriate care including prevention and treatment medication for intestinal parasites and other pests. These parasites can cause sickness or even death in dogs and are also of zoonotic concern for people. The facility must ensure that the program of veterinary care from the attending veterinarian gives direction for sampling and treatment of parasites and other pests (including fleas, worms,

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coccidia, giardia, and heartworm). The facility must follow this program of veterinary care. To be corrected by March 31, 2024.

### 3.131(c)

#### Repeat

#### Sanitation.

Multiple buildings on the premises are in need of cleaning.

\* In the un-named dairy barn, blue bins that are used to carry feed were found dirty with an accumulation of old feed and moisture at the bottom of the bins. Multiple shovels and floor scrapes were left caked with fecal material. A bottle of lubricant contains fecal material splashed on the outside of the container and on the push pump. Broken tiles were located around windows and at the base of the floor that uncovered surfaces that could not be readily sanitized.

\* In the milking parlor, fecal material speckled the walls. It was located on signage, on a paper towel dispenser, on a soap dispenser and sink. Surfaces in the milking chute were found dirty.

\* In the "M" Barn, working surfaces and shelves that housed sterile medical supplies contain a layer of dust, debris and rodent fecal material.

Surfaces in need of repair are difficult to clean and sanitize and may lead to injury of the animals. Dirty surfaces can lead to potential contamination of the animals and the medical items used in the room along with spread of disease hazards, attraction of pests and odors. Premises (buildings and grounds) shall be kept clean and in good repair in order to protect the animals from injury and to facilitate the prescribed husbandry practices.

### 3.131(d)

#### Sanitation.

The facility does not have an effective pest control program. An abundance of rodent droppings were located in multiple areas throughout the un-named dairy barn, the milking parlor and the "M" Barn. They were found on medical supplies, on storage shelves, around equipment, and along the walls. Inside a storage room in the un-named dairy barn, a deceased rodent covered in ants was located in one of the snap traps. Rodents can carry disease, contaminate food and bedding, chew through wires, and create other hazards to the health and welfare of regulated species. Correct by establishing and maintaining a safe and effective program for the control of pests by March 31, 2024.

This inspection was conducted with the University Veterinarian, the Assistant Director of the Office of Research Compliance and other representatives. The exit interview was conducted with the Institutional Official, the University Veterinarian, the Assistant Director of ORC and other representatives.

Additional Inspectors:

SUSANNE BRUNKHORST, VETERINARY MEDICAL OFFICER

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### Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
833	64-R-0005	001	BIOLOGICAL RESEARCH FACILITY	13-FEB-2024

Count	Scientific Name	Common Name
000142	<i>Equus caballus</i>	DOMESTIC HORSE
000134	<i>Felis catus</i>	CAT ADULT
000007	<i>Felis catus</i>	CAT KITTEN
000001	<i>Bubo virginianus</i>	GREAT HORNED OWL
000001	<i>Buteo jamaicensis</i>	RED-TAILED HAWK
000001	<i>Ictinaetus malaiensis</i>	BLACK EAGLE
000042	<i>Canis familiaris</i>	DOG ADULT
000002	<i>Aquila chrysaetos</i>	GOLDEN EAGLE
000001	<i>Falco peregrinus</i>	PEREGRINE FALCON
000085	<i>Monodelphis domestica</i>	GREY SHORT-TAILED OPOSSUM
000002	<i>Megascops asio</i>	EASTERN SCREECH-OWL
000001	<i>Strix varia</i>	BARRED OWL
000001	<i>Buteo lineatus</i>	RED-SHOULDERED HAWK
000002	<i>Haliaeetus leucocephalus</i>	BALD EAGLE
000002	<i>Falco sparverius</i>	AMERICAN KESTREL
000002	<i>Parabuteo unicinctus</i>	HARRIS'S HAWK
000001	<i>Bubo bubo</i>	EURASIAN EAGLE-OWL
000002	<i>Cathartes aura</i>	TURKEY VULTURE
000001	<i>Falco femoralis</i>	APLOMADO FALCON
000126	<i>Bos taurus</i>	CATTLE / COW / OX / WATUSI
000024	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000001	<i>Lama glama</i>	LLAMA
000007	<i>Lama pacos</i>	ALPACA
000017	<i>Capra hircus</i>	DOMESTIC GOAT
000002	<i>Tyto alba</i>	BARN OWL / WESTERN BARN OWL / AMERICAN BARN OWL /
000007	<i>Canis familiaris</i>	EASTERN BARN OWL
		DOG PUPPY
000614	<b>Total</b>	



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