

# Auburn University

Auburn University, Alabama 36849-5534

JAN 26 2005

College of Veterinary Medicine

Division of  
Laboratory Animal Health  
311 Greene Hall Annex

Telephone: (334) 844-5667  
FAX: (334) 844-0462

January 21, 2005

Dr. Elizabeth Goldentyer  
Regional Director  
USDA, APHIS, Animal Care  
Eastern Region  
920 Main Campus Drive, Suite 200, Unit 3040  
Raleigh, NC 27606

Dr. Michelle Williams  
Veterinary Medical Officer  
USDA, APHIS, Animal Care  
Eastern Region

RE: Auburn University USDA Registration # 64-R-0005

Dear Drs. Goldentyer and Williams:

This communication is forwarded as notification of a written complaint received by the Auburn University Institutional Animal Care and Use Committee (IACUC) from a veterinary student that alleged inappropriate treatment of live chickens during an anatomy teaching laboratory. An investigative subcommittee, consisting of 3 members of the IACUC, was appointed by the IACUC Chair to investigate the incident. Determined to be at issue were inadequate supervision and instruction provided by 3 course instructors for the 90-student laboratory, lack of professionalism by some students, lack of IACUC approval for use of live birds in the laboratory, and apparent mistreatment of one or more birds during procedures of blood collection and euthanasia. Outcomes have included a protocol revision approved by the IACUC dictating that only embalmed birds are to be used in future laboratories and a written communication from the IACUC Chair to the laboratory instructors reminding them that all procedures to which live animals are subjected must be represented in an IACUC-approved protocol and must be afforded an appropriate level of oversight by the laboratory instructors.

We look forward to feedback as deemed appropriate.

Sincerely,

(b)(6) & (b)(7)c

medicine

# Auburn University

Auburn University, Alabama 36849-5534

College of Veterinary Medicine

JAN 26 2005

Division of  
Laboratory Animal Health  
311 Greene Hall Annex

Telephone: (334) 844-5667  
FAX: (334) 844-0462

January 20, 2005

Dr. Elizabeth Goldentyer  
Regional Director  
USDA, APHIS, Animal Care  
Eastern Region  
920 Main Campus Drive, Suite 200, Unit 3040  
Raleigh, NC 27606

Dr. Michelle Williams  
Veterinary Medical Officer  
USDA, APHIS, Animal Care  
Eastern Region

RE: Auburn University USDA Registration # 64-R-0005

Dear Drs. Goldentyer and Williams:

In August 2004, we provided notification of two instances of complaints regarding disagreements among Auburn University College of Veterinary Medicine (CVM) staff over animal care and use issues (including alleged retaliation) pertaining to a renal transplantation protocol. By this communication, we are pleased to provide a follow-up regarding the findings of an external review committee and the outcome of discussion by the Institutional Animal Care and Use Committee (IACUC) with regard to humane endpoints.

The report by the 3-member external review committee (b)(6) & (b)(7)c and (b)(6) & (b)(7)c was received on November 23, 2004 (copy attached). The review committee found the investigations and decisions by the IACUC to be appropriate and effective and the veterinary care and supervision now provided for dogs on the renal transplantation protocol to be adequate. Recommendations by the committee regarding oversight of animal care and use in the Scott-Ritchey Research Center (SRRC) will be addressed by transferring responsibility for oversight from the SRRC director to the CVM Director of Laboratory Animal Health (who functions as the CVM Attending Veterinarian). The issue of humane endpoints was addressed and resolved in a protocol approved by the IACUC on September 1, 2004 wherein criteria were defined for clinical monitoring, administration of medications, intervention, and decisions regarding euthanasia.

We look forward to feedback as deemed appropriate.

Sincerely,

(b)(6) & (b)(7)c

Health

(b)(6) & (b)(7)c

cc:

(b)(6) & (b)(7)c



**INSPECTION REPORT**

**AUBURN UNIVERSITY**

**Customer ID: 833**

**Certificate: 64-R-0005**

**202 SAMFORD HALL  
AUBURN, AL 36849 5112**

**Site: 001**

**AUBURN UNIVERSITY**

**Inspection**

**Type: ROUTINE INSPECTION**

**Date: FEB-01-2005**

**3.125 ( a )**

**DIRECT**

**3.125 ( c )**

**FACILITIES, GENERAL.**

(a) Structural strength. The facility must be constructed of such material and of such strength as appropriate for the animals involved. The indoor and outdoor housing facilities shall be structurally sound and shall be maintained in good repair to protect the animals from injury and to contain the animals.

\*\*\* In the bat facility, the walk-in entrance into the bat enclosure is constructed in a way that allows bats to enter crevices around the door and become trapped when the door is closed. This has resulted in death. Although there was a sign posted on the door stating that the edges should be checked before the door is closed, it is insufficient to prevent the occurrence. One bat was found dead during this inspection. Additional measures should be taken to prevent the bats from getting trapped in the crevices around the door.

\*\*\*I observed holes in the wall of the building and doors that do not seal sufficiently to prevent the entrance of vermin into the facility. All structures should be repaired or replaced to inhibit the entrance of rodents into the facility.

The two items above to be corrected by March 3, 2005.

(c) Storage. Supplies of food and bedding shall be stored in facilities which adequately protect such supplies against deterioration, molding, or contamination by vermin. Refrigeration shall be provided for supplies of perishable food.

\*\*\* There was an open bowl of meal worms left on the counter. The counter top had mouse droppings on it. Since the meal worms are to be fed to the bats, they should be kept in a manner that will protect them from contamination from vermin.

\*\*\* The vitamin enriched water is mixed and kept in a bucket in the refrigerator. The refrigerator door is broken and held closed by duct tape. There were a lot of mouse droppings in the refrigerator. This method of storage allows free access of vermin to the water. The water should be kept in a closed container and the refrigerator should be repaired or replaced to prevent the entrance of rodents into it.

The two above items should be corrected by February 10, 2005.

**Prepared By:** \_\_\_\_\_  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER , Inspector ID: 2028

**Date:**  
FEB-03-2005

**Received By:** \_\_\_\_\_

**Title:** (b)(6) & (b)(7)c

**Date:**  
FEB-03-2005



**INSPECTION REPORT**

**3.126**

**FACILITIES, INDOOR.**

(b) Ventilation. Indoor housing facilities shall be adequately ventilated by natural or mechanical means to provide for the health and to prevent discomfort of the animals at all times. Such facilities shall be provided with fresh air either by means of windows, doors, vents, fans, or air-conditioning and shall be ventilated so as to minimize drafts, odors, and moisture condensation.

\*\*\* There was a very strong odor in the entry area to the second enclosure which is currently not being used. The cause of the odor should be identified and eliminated. The ventilation for the building should be reviewed and corrected to prevent the build up of odors.

To be corrected by March 3, 2005.

**3.131 ( c )**

**3.131 ( d )**

**SANITATION.**

(c) Housekeeping. 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 set forth in this subpart. Accumulations of trash shall be placed in designated areas and cleared as necessary to protect the health of the animals.

\*\*\*There is a severe accumulation of clutter and disorganization throughout the bat facility. The counter tops, procedure areas etc. have many items that do not appear to be in use as evidenced by the accumulation of rodent droppings, dust and rust on them. There were meal worms on the floor, live and dead. This has added to the pest control problem and must be corrected. All items should be properly cleaned, stored and arranged in a manner that will allow proper cleaning of the facilities.

\*\*\*The refrigerators have stagnant standing water in the bottom and rodent droppings. They should be properly cleaned on a regular basis to prevent this occurrence.

To be corrected by February 10, 2005.

(d) Pest control. A safe and effective program for the control of insects, ectoparasites, and avian and mammalian pests shall be established and maintained.

\*\*\* There was evidence of rodent infestation throughout the bat facility. I observed holes in the walls which appeared to be stuffed with a substance (foam or paper) meant to prevent the rodents from entering the facility. There were rodent droppings on the counters, around the sink, in the refrigerators, on the floors and in items on the counters such as the aquarium. There were bait boxes, however, from the excess amount of rodent droppings it appears that the current pest control program is insufficient. Other measures must be employed.

To be corrected by March 3, 2005.

**Prepared By:** \_\_\_\_\_  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER , Inspector ID: 2028

**Date:**  
FEB-03-2005

**Received By:** \_\_\_\_\_

**Title:** (b)(6) & (b)(7)c

**Date:**  
FEB-03-2005

# Enforcement Action Option Worksheet

JUL 23 2010

Licensee / Registrant Name: Auburn University

License / Registration Number(s): 64-R-0005

Customer Number: 833

Site No.(s): 001

Date(s) of Alleged Violation(s): July 7, 2010

Date of Inspection Report(s): July 7, 2010

Photos Included:  Yes  No

Airbill Included:  Yes  No  NA

Local or State Authorities Contacted  Yes  No  NA

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## Action Taken:

(Check one)

**Reinspection within 90 days (complete information below)**

**APHIS Form 7060**

**Initiate investigation**

**Add to current investigation/case**

**Other (explain):**

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Basis for Recommendation of "Reinspection within 90 days":

Violation(s) are not severe enough to necessitate enforcement action at this time

Evidence that facility is making credible progress towards full compliance - to be verified on reinspection.

Other: (Explain)

---

SACS Signature Greg Gaj

Date 7/12/2010

RD Concurrence EG

Date 7/29/10



JUL 23 2010

### Inspection Report

AUBURN UNIVERSITY

Customer ID: 833

Certificate: 64-R-0005

Site: 001

BIOLOGICAL RESEARCH FACILITY

DIVISION LAB ANIMAL HEALTH

Type: ROUTINE INSPECTION

AUBURN, AL 36849

Date: Jul-07-2010

**2.30** (c) (1)

**REGISTRATION.**

(c) Notification of change of operation. (1) A research facility shall notify the AC Regional Director by certified mail of any change in the name, address, or ownership, or other change in operations affecting its status as a research facility, within 10 days after making such change.

\*\*\*The canine detection unit has recently been added as a site for covered activity. The facility is located off of the campus. Because of the location of this site a letter must be sent to the regional office indicating the addition and the location of the site. Correct by July 19, 2010.

**2.31** (e) (3)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).**

(e) A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain the following:

(3) A complete description of the proposed use of the animals;

\*\*\*The swine unit has recently changed the disposition of some of the pigs born at the facility. Previously the facility was producing pigs primarily for agricultural purposes. The facility has changed the disposition of the pigs to allow some to be used for research. Currently the only protocol covering the breeding of the pigs is an agricultural protocol. The breeding of pigs to be used in research is covered research that requires a protocol. The facility was already being inspected by the IACUC under university IACUC guidelines but the IACUC was not notified of a change in animal purpose therefore there is no protocol covering this activity. A protocol shall be developed or the current agricultural protocol amended to cover pigs bred for research activities that fall under USDA regulated activity. In addition a more effective means of monitoring animal procurement and disposition at this facility should be developed and maintained. Correct by September 30, 2010.

**2.32** (a) **REPEAT**

**PERSONNEL QUALIFICATIONS.**

(a) It shall be the responsibility of the research facility to ensure that all scientists, research technicians, animal

Prepared By: Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M USDA, APHIS, Animal Care

Date:  
Jul-08-2010

Title: VETERINARY MEDICAL OFFICER Inspector 2028

Received By:   
(b)(6) & (b)(7)c

Date:  
Jul-09-2010

Title:



JUL 23 2010

### Inspection Report

technicians, and other personnel involved in animal care, treatment, and use are qualified to perform their duties. This responsibility shall be fulfilled in part through the provision of training and instruction to those personnel.

\*\*\*An animal incident occurred during a student teaching lab covered by protocol 1456. During the laboratory exercise a rabbit was found to be insufficiently anesthetized for a procedure. After a response to stimuli was elicited at the start of the procedure a technician was notified and additional amounts of the anesthetic agent were administered to attempt to achieve the proper plan of anesthesia. The rabbit was checked and additional time allowed for the agent to adequately anesthetize the rabbit. There was also concern over the methods and equipment used to test the level of anesthesia. The IACUC received the complaint and conducted a full investigation of the incident. Additional training was provided to the technicians and records maintained to document this training. In addition subsequent laboratories were monitored temporarily by a veterinarian. Corrective and preventive measures applied appear to be adequate. Item Corrected.

**2.35 (f)**

**RECORDKEEPING REQUIREMENTS.**

(f) All records and reports shall be maintained for at least three years. Records that relate directly to proposed activities and proposed significant changes in ongoing activities reviewed and approved by the IACUC shall be maintained for the duration of the activity and for an additional three years after completion of the activity. All records shall be available for inspection and copying by authorized APHIS or funding Federal agency representatives at reasonable times. APHIS inspectors will maintain the confidentiality of the information and will not remove the materials from the research facilities' premises unless there has been an alleged violation, they are needed to investigate a possible violation, or for other enforcement purposes. Release of any such materials, including reports, summaries, and photographs that contain trade secrets or commercial or financial information that is privileged or confidential will be governed by applicable sections of the Freedom of Information Act. Whenever the Administrator notifies a research facility in writing that specified records shall be retained pending completion of an investigation or proceeding under the Act, the research facility shall hold those records until their disposition is authorized in writing by the Administrator.

\*\*\*The current record keeping system for animals used in research that may end up temporarily housed in the clinics for treatment is very confusing. There appears to be a lack of transfer of required information for university animals when they are accepted for clinical treatment. This appears to be occurring on animals donated to the university as well as research animals brought to the clinic for treatment. In addition there are three goats in the research barn that do not have protocol numbers listed on the identification cards. When animals are donated to the university the animal is issued a card indicating it is now owned by the university. Once it becomes university owned it should be placed on a protocol and that information provided in it's records and on it's enclosure. I observed several animals that were now teaching/research animals in the large animal barn that did not have full information provided on their cards. Some of the cards did not have protocol numbers, PI/Clinician names, cage numbers, or source of acquisition. When we searched for the information it was not in the clinical database for the animals housed in the barn, instead some of the information was accessed in records maintained by other personnel. This made it very difficult to locate

Prepared By: Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M      USDA, APHIS, Animal Care

Date:  
Jul-08-2010

Title: VETERINARY MEDICAL OFFICER Inspector 2028

Received By:   
(b)(6) & (b)(7)c

Date:  
Jul-09-2010



JUL 23 2010

United States Department of Agriculture  
Animal and Plant Health Inspection Service

MWILLIAMS  
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### Inspection Report

the information I requested and could very easily interfere with the proper care and treatment of the animals. All animals covered by a protocol should have complete records that can be accessed and made readily available for review. Correct by July 30, 2010.

The exit interview was conducted with: Director of Laboratory Health  
IACUC Chairperson  
Associate Director of Laboratory Health  
University Veterinarian  
Unit Veterinarian  
Program Veterinarian College of Ag.  
Director of Outlying Units  
Director of Research Compliance  
Associate VP for Research

Prepared By: Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER Inspector 2028

Date:  
Jul-08-2010

Received By:

(b)(6) & (b)(7)c

Title:

Date:  
Jul-09-2010



RECEIVED

AUG 13 2009

United States Department of Agriculture  
Animal and Plant Health Inspection Service

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MWILLIAMS  
insp\_id

BY: \_\_\_\_\_

### Inspection Report

AUBURN UNIVERSITY

Customer ID: 833

Certificate: 64-R-0005

Site: 001

BIOLOGICAL RESEARCH FACILITY

DIVISION LAB ANIMAL HEALTH

311 GREENE HALL ANNEX

Type: ROUTINE INSPECTION

Date: Aug-07-2009

AUBURN, AL 36849

Follow-up on direct non-compliant item from July 1, 2009 inspection. Corrected. No non-compliance.

Prepared By:

Michelle B Williams DVM  
MICHELLE WILLIAMS, D V M      USDA, APHIS, Animal Care

Title:

VETERINARY MEDICAL OFFICER Inspector 2028

Date:

Aug-07-2009

Received By:

(b)(6) & (b)(7)c

Title:

VIA EMAIL

Date:

Aug-07-2009



### Inspection Report

AUBURN UNIVERSITY

Customer ID: 833

Certificate: 64-R-0005

Site: 001

BIOLOGICAL RESEARCH FACILITY

DIVISION LAB ANIMAL HEALTH

311 GREENE HALL ANNEX

Type: ROUTINE INSPECTION

AUBURN, AL 36849

Date: Jul-01-2009

**2.32 (a)**

**PERSONNEL QUALIFICATIONS.**

(a) It shall be the responsibility of the research facility to ensure that all scientists, research technicians, animal technicians, and other personnel involved in animal care, treatment, and use are qualified to perform their duties. This responsibility shall be fulfilled in part through the provision of training and instruction to those personnel.

\*\*\*An animal incident occurred on PRN 2009-1521 in which an investigator administered an anesthetic agent to cats on a protocol that did not include the use of anesthetic agents on cats. Additional non-compliances were found including the lack of proper preparation prior to anesthesia and the lack of post-procedural monitoring of the cats. The IACUC has investigated the incident, reported it and has instituted corrective measures and follow up to assure this does not reoccur. Corrected.

\*\*\*In response to the animal incident that occurred on PRN 2006-1041 the Principal Investigator immediately removed the queen and kittens from exposure to their environment but improperly moved them to an unapproved location. It is the responsibility of the research facility to ensure that all personnel are adequately trained to perform their duties. Additional training/retraining on proper procedures for housing animals shall be provided. Correct by July 31, 2009.

**2.33 (b) (3)**

**ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.**

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:

(3) Daily observation of all animals to assess their health and well-being; Provided, however, That daily observation of animals may be accomplished by someone other than the attending veterinarian; and Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian.

\*\*The records on the stall doors for three of the stallions in the reproduction unit are incomplete. The daily care and observations records do not indicate that the horses were checked on June 29, 2009. We were able to speak with the caretaker for that day and determined that the horses were observed and cared for but the attendant neglected to

**Prepared By:**

MICHELLE WILLIAMS, D V M USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 2028

Jul-06-2009

**Received By:**

(b)(6) & (b)(7)c

**Date:**

**Title:**

Jul-06-2009



## Inspection Report

document the daily care on the charts. Daily care and observation records shall be completed in a timely manner in accordance with the facilities operating procedures to ensure complete and accurate communication pertaining to the status and care of the animals. Corrected immediately.

**2.38** (f) (1)

**DIRECT NCI**

### MISCELLANEOUS.

(f)(1) Handling of all animals shall be done as expeditiously and carefully as possible in a manner that does not cause trauma, overheating, excessive cooling, behavioral stress, physical harm, or unnecessary discomfort.

\*\*\*An animal incident occurred on PRN 2006-1041 in which 1 cat and 5 kittens were subjected to extreme temperatures which may have contributed to the death of three kittens. In addition, IACUC minutes indicate that high concentrations of a bleach solution were found inside their primary enclosure where it would be possible for the animals to come in contact with the solution. Initially the animals were removed from the room when the condition was discovered. Records indicate that the incident has been investigated by the IACUC and corrective and preventive measures have been put in place to protect the health and well-being of the animals present. Corrected.

**3.9** (c)

### FEEDING.

a) The food must be uncontaminated, wholesome, palatable, and of sufficient quantity and nutritive value to maintain the normal condition and weight of the animal. The diet must be appropriate for the individual animal's age and condition.

\*\*\*The food storage container in Rm 112 has an expiration date of June 15, 2009. Expired foods may decrease in nutritive value and result in inadequate nutrition provided to the cats. All expired food shall be discarded and expiration dates observed and followed. Corrected by end of inspection.

---

**Prepared By:**

MICHELLE WILLIAMS, D V M USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 2028

Jul-06-2009

**Received By:**

**Title:**

(b)(6) & (b)(7)c

**Date:**

Jul-06-2009



United States Department of Agriculture  
Animal and Plant Health Inspection Service

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**INSPECTION REPORT**

**AUBURN UNIVERSITY**

**Customer ID: 833**  
**Certificate: 64-R-0005**

**DIVISION LAB ANIMAL HEALTH**  
**311 GREENE HALL ANNEX**  
**AUBURN, AL 36849 5112**

**Site: 001**  
**AUBURN UNIVERSITY**  
**Inspection**

**Type: Routine**  
**Date: 6 November 2008**

Focused inspection. All items documented on the September 24, 2008 inspection report have been corrected.

No noncompliance.

**Prepared By:** Michelle Williams DVM  
MICHELLE WILLIAMS, USDA, APHIS, Animal Care

**Date: 6-NOV-08**

**Title:** VETERINARY MEDICAL OFFICER **Inspector ID: 2028**

**Received By:** [Redacted]  
**Title:** [Redacted]

**Date: 6-NOV-08**



OCT 15 2008

MWILLIAMS

833 cust\_id

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8458 site\_id

**INSPECTION REPORT**

**AUBURN UNIVERSITY**

**Customer ID: 833**

**Certificate: 64-R-0005**

**DIVISION LAB ANIMAL HEALTH  
311 GREENE HALL ANNEX  
AUBURN, AL 36849 5112**

**Site: 001**

**AUBURN UNIVERSITY**

**Inspection**

**Type: ROUTINE INSPECTION**

**Date: SEP-24-2008**

**2.33 ( b )**

**DIRECT**

**ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.**

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include;

(3) Daily observation of all animals to assess their health and well-being; Provided, however, That daily observation of animals may be accomplished by someone other than the attending veterinarian; and Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian;

\*\*\*There are several horses at the plasma pheresis unit that have hooves that need trimming. The hooves have become overgrown and have cracks. Overgrown hooves may lead to lameness. The hooves shall be properly trimmed at a frequency that will minimize cracks and protect the horses from lameness. Correct by Oct 31, 2008.

\*\*\*Horse #AX1 at the BVD Unit is lame on her left foreleg. It was indicated that the horse was showing signs of lameness for a couple of days but there is no documentation to indicate any observations or recommendations. As of today the horse has not been examined by the Veterinarian. Daily observations should be recorded and findings communicated to the attending veterinarian in a timely manner. The horse shall be examined and records maintained documenting diagnosis and treatment. Correct by October 1, 2008.

**3.1 ( a )**

**HOUSING FACILITIES, GENERAL.**

(a) Structure; construction. Housing facilities for dogs and cats must be designed and constructed so that they are structurally sound. They must be kept in good repair, and they must protect the animals from injury, contain the animals securely, and restrict other animals from entering.

\*\*\*The entry door into Kennel C has severe rust and corrosion at the bottom. There is a ceiling vent that has rust and is hanging from the ceiling on one side. Repairs shall be made to all surfaces to maintain structural soundness. Repair by December 30, 2008.

**3.130**

**WATERING.**

If potable water is not accessible to the animals at all times, it must be provided as often as necessary for the health and comfort of the animal. Frequency of watering shall consider age, species, condition, size, and type of the animal. All water receptacles shall be kept clean and sanitary.

\*\*\*The water trough in the alpaca enclosure at the BVD unit has an accumulation of sediment and an overgrowth of algae in it.

**Prepared By:** Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M, USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER, Inspector ID: 2028

**Date:**  
SEP-25-2008

**Received By:** [Redacted]

**Title:** (b)(6) & (b)(7)c

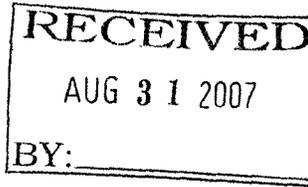
**Date:**  
SEP-26-2008



**INSPECTION REPORT**

**AUBURN UNIVERSITY**

**DIVISION LAB ANIMAL HEALTH  
311 GREENE HALL ANNEX  
AUBURN, AL 36849 5112**



**Customer ID: 833**

**Certificate: 64-R-0005**

**Site: 001**

**AUBURN UNIVERSITY**

**Inspection**

**Type: ROUTINE INSPECTION**

**Date: AUG-23-2007**

**2.33 ( b )**

**ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.**

(b)(3) Each research facility shall establish and maintain programs of adequate veterinary care that include the daily observation of all animals to assess their health and well-being; Provided, however, That daily observation of animals may be accomplished by someone other than the attending veterinarian; and Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian.

\*\*\*The records provided indicating the daily care and observation of the captive deer are incomplete. Records for July and August have several days (Primarily Wednesdays and Thursdays) where there is no information entered indication the daily care was provided for the deer. As part of the regular protocol these records are used to document that normal husbandry, feeding watering and observation of the deer occurred and who the caretaker was on that particular day. The records should be reviewed on a regular basis to insure the animals are being cared for as required and all required information should be documented. Corrected by August 30,2007.

**3.125 ( c )**

**FACILITIES, GENERAL.**

(c) Storage. Supplies of food and bedding shall be stored in facilities which adequately protect such supplies against deterioration, molding, or contamination by vermin. Refrigeration shall be provided for supplies of perishable food.

\*\*\*Upon entering the feed storage building at the captive deer facility the air was extremely humid. There were windows that were closed and no air conditioning or additional ventilation provided. I observed an excess amount of empty feed bags (15 - 20) stored on the floor. There were three opened bags of moldy feed leaning against the feed storage container. There were two plastic storage containers containing feed on the floor. One of the containers contained feed that was dumped out of the feed bag and stored in the container while the other contained feed still in bags that had been open. The feed in both of the containers was extremely moldy. The floors and walls had excess cobwebs and dead insects. There were rodent droppings observed on the floor beneath the counter and in the corners. It appears the room has not been cleaned in a while. There were no records to indicate the cleaning schedule. The feed storage building shall be thoroughly cleaned and all supplies of food shall be stored in a manner that protects it from deterioration, molding and contamination. Correct by September 10, 2007.

**Prepared By:** Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER , Inspector ID: 2028

**Date:**  
AUG-23-2007

**Received By:** \_\_\_\_\_

(b)(6) & (b)(7)c

**Title:**

**Date:**  
AUG-23-2007



**INSPECTION REPORT**

Items reviewed or inspected:

- 1). IACUC Committee Membership
- 2). Protocols: 2006-1077  
2007-1175  
2007-1141  
2007-1154  
2007-1160
- 3). Semi Annual Report: Fall 2006, Spring 2007
- 4). IACUC Meeting minutes January 2007 - August 2007.

**RECEIVED**  
 AUG 31 2007  
 BY: \_\_\_\_\_

Prepared By: Michelle B. Williams, DVM  
 MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER , Inspector ID: 2028

Date:  
AUG-23-2007

Received By: \_\_\_\_\_

Title: \_\_\_\_\_  
 (b)(6) & (b)(7)c

Date:  
AUG-23-2007



**INSPECTION REPORT**

JAN 26 2007

833 cust\_id  
325000 insp\_id  
8458 site\_id

**AUBURN UNIVERSITY**

**Customer ID: 833**

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**DIVISION LAB ANIMAL HEALTH  
311 GREENE HALL ANNEX  
AUBURN, AL 36849 5112**

**Site: 001**

**AUBURN UNIVERSITY**

**Inspection**

**Type: ROUTINE INSPECTION**

**Date: JAN-18-2007**

This focused inspection conducted to follow-up on non compliances found on last inspection on December 7, 2006.

The following citations have been corrected:

- Section 2.31 (b)(3)(ii)
- Section 2.31 (d)(2)
- Section 2.31 (e)(2)
- Section 2.31 (e)(3)
- Section 2.32 (a)
- Section 2.33 (a)(2)
- Section 2.33 (b)(2)
- Section 2.33 (b)(3)
- Section 3.53 (a)(4)

The following Sections have a correction date of January 30, 2007. Corrections are in progress.

- Section 3.1 (a)
- Section 3.6 (a)(2)

**Prepared By:** Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER, Inspector ID: 2028

**Date:**  
JAN-18-2007

**Received By:** [Redacted]  
(b)(6) & (b)(7)c

**Title:** [Redacted] **Date:**  
JAN-18-2007



**INSPECTION REPORT**

833 cust\_id  
114966 insp\_id  
8458 site\_id

DEC 15 2006

**AUBURN UNIVERSITY**

Customer ID: 833

Certificate: 64-R-0005

DIVISION LAB ANIMAL HEALTH  
311 GREENE HALL ANNEX  
AUBURN, AL 36849 5112

Site: 001

AUBURN UNIVERSITY

Inspection

Type: ROUTINE INSPECTION

Date: DEC-07-2006

2.31 ( b X 3 X ii )

**DIRECT**

2.31 ( d X 2 )

2.31 ( e X 2 )

2.31 ( e X 3 )

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).**

(b)(3)(ii) At least one committee member shall not be affiliated in any way with the facility other than as a member of the Committee, and shall not be a member of the immediate family of a person who is affiliated with the facility. The Secretary intends that such person will provide representation for general community interests in the proper care and treatment of animals.

\*\*\*There are currently two committee members listed as non affiliated members. One of these members does have an affiliation with the University. In addition, this member was designated as primary reviewer of a protocol in which there was a conflict of interest. This member cannot fill the role of the non affiliated member. Correct Immediately.

(d)(2) No member may participate in the IACUC review or approval of an activity in which that member has a conflicting interest (e.g., is personally involved in the activity), except to provide information requested by the IACUC, nor may a member who has a conflicting interest contribute to the constitution of a quorum.

\*\*\*One of the two non affiliated members was listed as primary reviewer on protocol #2006-1082. This member has a conflict of interest with the project and should not have been allowed to participate in its review. The committee shall insure that no member shall be allowed to participate in review or approval of protocols in which they have a conflict of interest. Correct Immediately.

(e)(2) A proposal to conduct an activity involving animals or to make a significant change in an ongoing activity involving animals must contain a rationale for involving animals, and for the appropriateness of the species and numbers of animals to be used.

\*\*\*Protocols #2003 - 0497 and #2005 - 0814 did not provide adequate justification for the number of animals requested to be used. The justification indicates why the species requested is being used but not why the number requested is required. Correct by next scheduled IACUC meeting.

(e)(3) A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain a complete description of the proposed use of the animals.

\*\*\*There were 20 bats transferred from the bat facility to another research facility by the investigator. The description of activities in the protocol is incomplete. The protocol the bats were maintained on does not indicate this would be one of the final dispositions for any of the bats and they did not have IACUC approval to move them. The bats are currently on the maintenance protocol but they are currently housed in aquariums that are stated to be used only during quarantine. These are significant changes to the protocol that the IACUC has not approved. All changes to protocols or activities involving the animals must be reviewed and approved b

Prepared By: Michelle B. Williams DM  
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Date:  
DEC-07-2006

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 2028

Received By:   
Title: (b)(6) & (b)(7)c

Date:  
DEC-07-2006



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IACUC prior to being conducted. Correct Immediately.

**2.32 ( a )**

**PERSONNEL QUALIFICATIONS.**

(a) It shall be the responsibility of the research facility to ensure that all scientists, research technicians, animal technicians, and other personnel involved in animal care, treatment, and use are qualified to perform their duties. This responsibility shall be fulfilled in part through the provision of training and instruction to those personnel.

\*\*\*There is an undergraduate student currently working in the bat facility with responsibility in direct care and handling of the bats. The student has not been listed on the protocol as being involved in the handling and care of these animals. In addition, there is no documentation indicating he has been adequately trained to care for the animals. All personnel responsible for care and handling of the animals shall be indicated in the protocol and documentation shall be maintained indicating they have been adequately trained to carry out their responsibilities. Correct by January 1, 2007.

**2.33 ( a ) ( 2 )**

**DIRECT**

**2.33 ( b ) ( 2 )**

**2.33 ( b ) ( 3 )**

**ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.**

(a)(2) Each research facility shall assure that the attending veterinarian has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use; and

\*\*\*There is insufficient authority for proper oversight of the bat project. In addition, currently there is no designated Project Veterinarian assigned to the protocol. An adequate means of communication must be developed and the research facility shall assure that the attending veterinarian has the appropriate authority for oversight. Correct Immediately.

(b)(2) Each research facility shall establish and maintain programs of adequate veterinary care that include the use of appropriate methods to prevent, control, diagnose, and treat diseases and injuries.

\*\*\*There are expired medications (aspirin - 03/06, otomax - 07/05, bactoderm 06/05) in one of the medical storage cabinets in the treatment/procedure room of the SRRC. All expired medications shall be properly disposed of or clearly separated and labeled as not for use on regulated species to prevent accidental use. Correct by January 30, 2007.

(b)(3) Each research facility shall establish and maintain programs of adequate veterinary care that include daily observation of all animals to assess their health and well-being; Provided, however, That daily observation of animals may be accomplished by someone other than the attending veterinarian; and Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian.

\*\*\*There is inadequate communication between the bat facility and the attending veterinarian. Information pertaining to care of the bats and changes to their disposition are not being conveyed to the attending veterinarian. There were bats transferred from the facility to another research facility with no notification and changes made in personnel responsible for care and observation that directly affect the care of the bats with no notification or approval. There are currently three bats in the hospital incubator and no records available or provided that indicate why they are there or what their treatment is. If the attending veterinarian is not conducting the daily observations there shall be an effective means of communication between the persons responsible for the

Prepared By: Michelle B Williams DVM  
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Date:  
DEC-07-2006

Title: VETERINARY MEDICAL OFFICER . Inspector ID: 2028

Received By: [Redacted]  
Title: (b)(6) & (b)(7)c

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**INSPECTION REPORT**

observations and the attending veterinarian.

**3.1 ( a )**

**HOUSING FACILITIES, GENERAL.**

(a) Structure; construction. Housing facilities for dogs and cats must be designed and constructed so that they are structurally sound. They must be kept in good repair, and they must protect the animals from injury, contain the animals securely, and restrict other animals from entering.

\*\*\*There is peeling and chipping paint on the wall adjacent to and the ceiling directly over the dog runs in two of the wards in the SRRC. Peeling and chipping paint may create surfaces that are no longer impermeable to moisture inhibiting proper sanitation. Paint chips that fall into the runs could be ingested by the dogs and cause illness. These items shall be repaired to allow proper sanitation and prevent illness. Correct by January 30, 2007.

**3.6 ( a ) ( 2 )**

**DIRECT**

**PRIMARY ENCLOSURES.**

(2)(ii) Primary enclosures must be constructed and maintained so that they protect the dogs and from injury.

\*\*\*Pen #10 in Kennel A has a hole in the chain-link on the entrance gate to the kennel. This hole is large enough to allow a dog to get a leg caught in it which may lead to injury. This hole shall be repaired to prevent injury. Correct by December 22, 2006.

\*\*\*There are raised platforms approximately 4 inches high, placed in dog runs in the SRRC. These platforms are not joined together or secured to the walls of the enclosures leaving gaps between them, and between them and the walls of the enclosures which are wide enough for a dog to get a paw or leg through. This can cause injury and must be repaired or replaced. Correct by January 30, 2007.

**3.53 ( a ) ( 4 )**

**DIRECT**

**PRIMARY ENCLOSURES.**

(4) The floors of the primary enclosures shall be constructed so as to protect the rabbits' feet and legs from injury.

There are three rabbits in DLAH whose primary enclosures are on the floor. The floor is coated with an epoxy that has resulted in a smooth slippery surface. This surface does not provide adequate traction for the rabbits. There are small "36" inch plastic pools containing bedding provided for them in these enclosures but the rabbits do have access to the floor. We observed these rabbits slipping when attempting to cross the floor. Slipping on the floors may lead to injury. A proper surface shall be provided or the animals prevented from accessing the floors in order to prevent injury. Correct Immediately.

Prepared By: Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER , Inspector ID: 2028

Date: DEC-07-2006

Received By:



Title: (b)(6) & (b)(7)c

Date: DEC-07-2006



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**AUBURN UNIVERSITY**

BY: \_\_\_\_\_  
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**DIVISION LAB ANIMAL HEALTH  
311 GREENE HALL ANNEX  
AUBURN, AL 36849 5112**

Site: 001

AUBURN UNIVERSITY

**Inspection**

Type: ROUTINE INSPECTION

Date: NOV-02-2006

Focused Inspection. Review of Renal Transplant Program.

Prepared By: Michelle B. Williams, DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER , Inspector ID: 2028

Received By: \_\_\_\_\_

Title:

Date:  
NOV-06-2006

Date:  
NOV-06-2006



(b)(6) & (b)(7)c  
edu

To: <Michelle.Williams@aphis.usda.gov> BY:

cc: (b)(6) & (b)(7)c

RECEIVED  
NOV 16 2006

11/07/2006 09:24 AM

Subject: Fwd: Report

Hi Dr. Williams,

It was great meeting you also. I will look forward to your return trip in which we can hopefully visit some more. This documents that we did receive your report. I trust you found everything to your satisfaction. Hopefully, Dr. Willems and Dr. Goldentyer will see that also.

Best wishes, (b)(6) & (b)(7)

(b)(6) & (b)(7)c

Animal Health

College of Veterinary Medicine  
Auburn University

(b)(6) & (b)(7)c  
Auburn University, AL 36849-5534  
Phone: 334-844-5 (b)(6) & (b)(7)  
Fax: 334-844-0462  
Email: (b)(6) & (b)(7)@auburn.edu

>>> <Michelle.Williams@aphis.usda.gov> 11/7/2006 8:07 AM >>>

Good Morning Dr. (b)(6) & (b)(7)

This report documents our visit last week to the University. It is my understanding that Dr. Willems and Dr. Goldentyer will be sending a report of their decision separately. It was nice to me you and I look forward to working with you in the future. Please let me know that you have received this report. Thank you.

(See attached file: Auburn.pdf)

Michelle B. Williams, DVM  
Veterinary Medical Officer  
USDA, APHIS, Animal Care  
(703) 812-6678

 Auburn.pdf (b)(6) & (b)(7)c



**INSPECTION REPORT**

JAN 17 2006

833 cust\_id  
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**AUBURN UNIVERSITY**

Customer ID: 833

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202 SAMFORD HALL  
AUBURN, AL 36849 5112

Site: 001

AUBURN UNIVERSITY

Inspection

Type: ROUTINE INSPECTION

Date: DEC-13-2005

2.33 ( b ) ( 2 )

**DIRECT**

**ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.**

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:

(2) The use of appropriate methods to prevent, control, diagnose, and treat diseases and injuries.

\*\*\*PRN 2004-0727 - Upon review of the animal treatment for records "Heart" it was found that a complete necropsy was not performed after her sudden and unexpected death. Gross pathology indicated the thymus and pancreas were hemorrhagic and there was hemorrhage on the kidney. Tissue samples were taken but not submitted to assist in a diagnosis. There is no cause of death indicated in the records. A complete necropsy shall be conducted on all unexpected deaths. To be corrected by January 1, 2006.

\*\*\*PRN 2004-0727, PRN 2003-0551/0552 - I observed the remaining dogs in Ward 5. The dogs on these two protocols have limited socialization. Two of the dogs ("Baby Spice" and "Diamond") appeared to be very shy and nervous and retreated to the back of the cage during the inspection. There were some measures of exercise and enrichment noted on the records, however these dogs may need further enrichment to minimize their stress and promote psychological well being. More complete documentation of socialization activity should be maintained. To be corrected by January 1, 2006.

\*\*\*PRN 2003-0551/0552 - "Hot Lips" appears to be carrying excess weight. Her diet, exercise and nutrition should be closely monitored and properly documented to prevent weight gain and help her maintain a healthy weight. To be corrected by January 1, 2006.

This was a focused inspection of activities pertaining to the two protocols.

\*This report corrects the signed report incorrectly dated on the signature line as DEC-12-2005.

Prepared By: Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER , Inspector ID: 2028

Date:  
DEC-13-2005

Received By:   
Title: (b)(6) & (b)(7)c

Date:  
DEC-13-2005



**INSPECTION REPORT**

JAN 17 2006  
833 cust\_id  
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**AUBURN UNIVERSITY**

Customer ID: 833

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202 SAMFORD HALL  
AUBURN, AL 36849 5112

Site: 001

AUBURN UNIVERSITY

Inspection

Type: ROUTINE INSPECTION

Date: DEC-13-2005

2.33 ( b ) ( 2 )

**DIRECT**

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\*\*\*PRN 2003-0551/0552 - "Hot Lips" appear to be carrying excess weight. Her diet, exercise and nutrition should be closely monitored and properly documented to prevent weight gain and help her maintain a healthy weight. To be corrected by January 1, 2006.

This was a focused inspection of activities pertaining to the two protocols.

Prepared By: Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER , Inspector ID: 2028

Date:  
DEC-13-2005

Received By:   
Title: (b)(6) & (b)(7)c

Date:  
DEC-12-2005



**INSPECTION REPORT**

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**Customer ID: 833**

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**202 SAMFORD HALL  
AUBURN, AL 36849 5112**

**Site: 001**

**AUBURN UNIVERSITY**

**Inspection**

**Type: ROUTINE INSPECTION**

**Date: OCT-14-2005**

**2.35 ( b )**

**2.35 ( c )**

**RECORDKEEPING REQUIREMENTS.**

(b) Every research facility shall make, keep, and maintain records or forms which fully and correctly disclose the following information concerning each live dog or cat purchased or otherwise acquired, owned, held, or otherwise in their possession or under their control, transported, euthanized, sold, or otherwise disposed of by the research facility. The records shall include any offspring born of any animal while in the research facility's possession or under its control:

- (1) The name and address of the person from whom a dog or cat was purchased or otherwise acquired, whether or not the person is required to be licensed or registered under the Act;
- (2) The USDA license or registration number of the person if he or she is licensed or registered under the Act;
- (3) The vehicle license number and State, and the driver's license number (or photographic identification card for nondrivers issued by a State) and State of the person, if he or she is not licensed or registered under the Act;
- (4) The date of acquisition of each dog or cat.

\*\*\*Records of acquisition for 7 schnauzers obtained from a private source are incomplete. One schnauzer was obtained in the year 2000 and the other six during 2003. The University is unable to provide records showing the acquisition. These dogs were placed on a specific protocol and given USDA numbers. Information provided verbally during this inspection indicates that the acquisition was based on a verbal agreement between an investigator and the owner; therefore there is no written documentation. A Record of Acquisition (form 7006) must be completed for each dog entering this facility. To be corrected by November 15, 2005.

(c) In addition to the information required to be kept and maintained by every research facility concerning each live dog or cat under paragraph (a) of this section, every research facility transporting, selling, or otherwise disposing of any live dog or cat to another person, shall make and maintain records or forms which fully and correctly disclose the following information:

- (1) The name and address of the person to whom a live dog or cat is transported, sold, or otherwise disposed of;
- (2) The date of transportation, sale, euthanasia, or other disposition of the animal; and
- (3) The method of transportation, including the name of the initial carrier or intermediate handler, or if a privately owned vehicle is used to transport the dog or cat, the name of the owner of the privately owned vehicle.

\*\*\*In August of 2004 the 7 schnauzers were removed from the University and returned to the owner without proper documentation. The protocol these dogs were on indicated that the dogs would remain with the University until death by natural causes or euthanasia. There was no IACUC approval for the change in disposition of the animals on this protocol. There are no records of disposition for the 7 schnauzers. Records shall be maintained on all animals. To be corrected by November 15, 2005.

**Prepared By:** Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER , Inspector ID: 2028

**Date:**  
OCT-24-2005

**Received By:** \_\_\_\_\_  
**Title:** (b)(6) & (b)(7)c

**Date:**  
OCT-24-2005



(b)(6) & (b)(7)c  
burn.edu

To: <Michelle.Williams@aphis.usda.gov>  
cc:  
Subject: Re: Inspection

NOV 04 2005

10/22/2005 09:02 AM

Dr. Williams,

Thank you for sending the report.

Safe travels,

(b)(6) & (b)(7)c

College of Veterinary Medicine  
Auburn University  
(334) 844- (b)(6) & (b)(7)c

>>> <Michelle.Williams@aphis.usda.gov> 10/21/2005 3:18:13 PM >>>

Hello (b)(6) & (b)(7)c

I apologize for not getting this to you sooner. My intentions were to bring it to you but I have been traveling this week and will be again next week.

Please let me know when you receive this. Thanks, have a nice weekend.

(See attached file: Auburn Oct. 14, 05.pdf)

Michelle B. Williams, DVM  
Veterinary Medical Officer  
USDA, APHIS, Animal Care  
(703) 812-6678

October 24, 2005

I talked with (b)(6) & (b)(7) this morning and she agreed to receive the report via email. She said she will send an email upon receipt.

The inspection report is attached.

Michelle B. Williams, DVM



AL 29 2005

MWILLIAMS

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114704 insp\_id

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**INSPECTION REPORT**

**AUBURN UNIVERSITY**

Customer ID: 833

Certificate: 64-R-0005

Site: 001

AUBURN UNIVERSITY

202 SAMFORD HALL  
AUBURN, AL 36849 5112

Inspection

Type: ROUTINE INSPECTION

Date: AUG-04-2005

2.31 ( d ) ( 1 )

2.31 ( e ) ( 2 )

2.31 ( e ) ( 3 )

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).**

(d)(1) The IACUC shall conduct a review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with Section 2.31, 9 CFR Ch. 1.

Procedures involving renal transplantation to client animals used donor animals that belonged to the University which were born and raised in a research environment, animals provided by the client and animals provided by an investigator. The IACUC reviewed the proposed activity but provided a waiver to the requirements under Section 2.31. The principal investigator did not provide a written protocol to the IACUC for approval prior to using animals in the procedure. Although the transplantation of a kidney into the client animal can be considered a clinical procedure, the use of non-client animals as donor animals removes the procedure from being purely clinical. The use of non-client animals which are provided by the University or the investigator would require this procedure to be covered under an IACUC approved research protocol. All future renal transplantations that are not purely clinical must be conducted and approved under a research protocol and follow all requirements listed under Section 2.31 of the Animal Welfare Regulations. If the principal investigator houses donor animals at their residence, the research facility should consider the residence to be a site and subject to IACUC oversight. To be corrected prior to any additional non-clinical (research) procedures being conducted.

(d)(1)(ii) The principal investigator has considered alternatives to procedures that may cause more than momentary or slight pain and distress to the animal, and provided a written narrative description of the methods and sources used to determine that alternatives were not available.

Protocol #'s 0107-R-2045, 2002-0080, and 2004-0727 did not consider all potentially painful procedures, including harvesting of bone marrow, in their search for alternatives. The narrative and alternative search did not include any key words relating to this procedure in their electronic search. All painful or distressful procedures must be included in the search for alternatives. \*Note: all 3 protocols numbers are a continuation of the same project. To be corrected by September 20, 2005.

(e)(2) A proposal to conduct an activity involving animals must contain a rationale for involving animals and the appropriateness of the species and numbers of animals to be used.

Protocol #'s 0107-R-2045, 2002-0080, and 2004-0727 include a rationale for the use of animals and species but do not include a rationale for the number to be used in each protocol. How the investigator determined the number of animals to be used must be clearly defined in the protocol. The rationale could include consultation with a statistician to determine statistically significant results, past scientific literature or references or other means. To be corrected by September 20, 2005.

Prepared By: Michelle B Williams DVM  
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Received By: [Redacted]  
Title: (b)(6) & (b)(7)c

Date:  
AUG-04-2005

Date:  
AUG-04-2005



Aug 29 2005

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**INSPECTION REPORT**

(e)(3)A proposal to conduct an activity involving animals must contain a complete description of the proposed use of the animals

Protocol #'s 0107-R-2045, 2002-0080, and 2004-0727 do not include a complete description of the anesthesia provided in the bone marrow donation procedure. The protocols only mention that general anesthesia will be used. While there is a complete description of the anesthesia to be provided for other more involved surgical procedures within the protocols, the type of anesthesia necessary for bone marrow removal would not necessarily be the same. The protocols must clearly describe all anesthesia and methods to minimize pain in the bone marrow procedure.

The above mentioned protocols also do not clearly describe how animals are to be used. The original approved protocol did not clearly describe all procedures, including rescue procedures to be implemented. The nature of the protocol would require the principal investigator to address potential complications within the protocol such as the need for rescue procedures. The current protocol does include the rescue procedures but still does not clearly describe the use of animals. The current protocol includes a description of surgical procedures to be performed and references different phases of the same protocol. This same approved protocol mentions that no additional surgeries are currently planned, but still included the procedures in the protocol. Discussion with the research facility indicated additional surgeries may take place later. The protocol must clearly indicate when and if animals are to be used for surgery, and all phases of the protocol must also be clearly described.

The protocol also included tables of all potential medications the principal investigator might use during the course of the protocol, but it wasn't clear when or if these drugs would be used routinely in each animal or were listed there for medical or emergency use only. The protocol should clearly indicate which drugs, anesthetics, analgesics or antibiotics would be routinely used as part of the research protocol. Medications and treatments provided as routine veterinary care for unexpected complications or medical conditions do not need to be listed in the protocol. It is understood that appropriate veterinary care and treatments will be provided as determined by the attending veterinarian.

To be corrected by September 20, 2005.

**2.40 ( b ) ( 2 )**

**ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE (DEALERS AND EXHIBITORS).**

(b)(2) Each dealer or exhibitor shall establish and maintain programs of adequate veterinary care that include the use of appropriate methods to prevent, control, diagnose, and treat diseases and injuries.

There were several bottles of medication stored in a container in the refrigerator. It was not possible to determine what some of the medications were or what their expiration dates were because they were not labeled. Some of the bottles had dust on them and were sticky. All medication should be properly labeled and maintained in a manner that will prevent contamination. To be corrected by August 15, 2005.

**3.131 ( c ) REPEAT NCI**

**3.131 ( d ) REPEAT NCI**

**SANITATION.**

(c) Housekeeping. 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 set forth in this subpart.

There have been improvements made in decreasing the amount of clutter in the bat facility since the last inspection. In addition the rodent problems have improved tremendously; however, there is still room for improvement. There are items stored in the laboratory that are not in use and are adding to the housekeeping and pest control issues. If these items are to remain in the ro

Prepared By: Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER , Inspector ID: 2028

Date:  
AUG-04-2005

Received By: 

Title:  (b)(6) & (b)(7)c

Date:  
AUG-04-2005



AUG 29 2005

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**INSPECTION REPORT**

they should be properly stored organized to allow proper cleaning and minimize pest control problems.

(d) Pest control. A safe and effective program for the control of insects, ectoparasites, and avian and mammalian pests shall be established and maintained.

The rodent problems in the bat facility have improved tremendously. There was evidence of rodent droppings on the book shelves, on the floors under shelves and in the corners of the laboratory area. These areas, though more difficult to get to, must also be cleaned. To properly clean these areas it may be necessary to move items to clean beneath them and then replace them.

Some of the sticky traps have caught numerous insects severely decreasing the surface area of the traps. These traps should be closely monitored and replaced at a frequency that will allow them to remain effective.

Prepared By: Michelle B. Williams DVM  
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Title: VETERINARY MEDICAL OFFICER. Inspector ID: 2028

Date:  
AUG-04-2005

Received By:   
Title: 

(b)(6) & (b)(7)c

Date:  
AUG-04-2005



**INSPECTION REPORT**

**AUBURN UNIVERSITY**

**Customer ID: 833**

**Certificate: 64-R-0005**

**Site: 001**

**AUBURN UNIVERSITY**

**202 SAMFORD HALL  
AUBURN, AL 36849 5112**

**Inspection**

**Type: ROUTINE INSPECTION**

**Date: FEB-01-2005**

**3.125 ( a )**

**DIRECT**

**3.125 ( c )**

**FACILITIES, GENERAL.**

(a) Structural strength. The facility must be constructed of such material and of such strength as appropriate for the animals involved. The indoor and outdoor housing facilities shall be structurally sound and shall be maintained in good repair to protect the animals from injury and to contain the animals.

\*\*\* In the bat facility, the walk-in entrance into the bat enclosure is constructed in a way that allows bats to enter crevices around the door and become trapped when the door is closed. This has resulted in death. Although there was a sign posted on the door stating that the edges should be checked before the door is closed, it is insufficient to prevent the occurrence. One bat was found dead during this inspection. Additional measures should be taken to prevent the bats from getting trapped in the crevices around the door.

\*\*\*I observed holes in the wall of the building and doors that do not seal sufficiently to prevent the entrance of vermin into the facility. All structures should be repaired or replaced to inhibit the entrance of rodents into the facility.

The two items above to be corrected by March 3, 2005.

(c) Storage. Supplies of food and bedding shall be stored in facilities which adequately protect such supplies against deterioration, molding, or contamination by vermin. Refrigeration shall be provided for supplies of perishable food.

\*\*\* There was an open bowl of meal worms left on the counter. The counter top had mouse droppings on it. Since the meal worms are to be fed to the bats, they should be kept in a manner that will protect them from contamination from vermin.

\*\*\* The vitamin enriched water is mixed and kept in a bucket in the refrigerator. The refrigerator door is broken and held closed by duct tape. There were a lot of mouse droppings in the refrigerator. This method of storage allows free access of vermin to the water. The water should be kept in a closed container and the refrigerator should be repaired or replaced to prevent the entrance of rodents into it.

The two above items should be corrected by February 10, 2005.

**Prepared By:** Michelle B. Williams DVM  
MICHELLE WILLIAMS, D V M , USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER, Inspector ID: 2028

**Date:**  
FEB-03-2005

**Received By:** [Redacted]

(b)(6) & (b)(7)c

**Date:**  
FEB-03-2005

**Title:** [Redacted]



**INSPECTION REPORT** FEB 23 2005

**3.126**

**FACILITIES, INDOOR.**

(b) Ventilation. Indoor housing facilities shall be adequately ventilated by natural or mechanical means to provide for the health and to prevent discomfort of the animals at all times. Such facilities shall be provided with fresh air either by means of windows, doors, vents, fans, or air-conditioning and shall be ventilated so as to minimize drafts, odors, and moisture condensation.

\*\*\* There was a very strong odor in the entry area to the second enclosure which is currently not being used. The cause of the odor should be identified and eliminated. The ventilation for the building should be reviewed and corrected to prevent the build up of odors.

To be corrected by March 3, 2005.

**3.131 ( c )**

**3.131 ( d )**

**SANITATION.**

(c) Housekeeping. 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 set forth in this subpart. Accumulations of trash shall be placed in designated areas and cleared as necessary to protect the health of the animals.

\*\*\*There is a severe accumulation of clutter and disorganization throughout the bat facility. The counter tops, procedure areas etc. have many items that do not appear to be in use as evidenced by the accumulation of rodent droppings, dust and rust on them. There were meal worms on the floor, live and dead. This has added to the pest control problem and must be corrected. All items should be properly cleaned, stored and arranged in a manner that will allow proper cleaning of the facilities.

\*\*\*The refrigerators have stagnant standing water in the bottom and rodent droppings. They should be properly cleaned on a regular basis to prevent this occurrence.

To be corrected by February 10, 2005.

(d) Pest control. A safe and effective program for the control of insects, ectoparasites, and avian and mammalian pests shall be established and maintained.

\*\*\* There was evidence of rodent infestation throughout the bat facility. I observed holes in the walls which appeared to be stuffed with a substance (foam or paper) meant to prevent the rodents from entering the facility. There were rodent droppings on the counters, around the sink, in the refrigerators, on the floors and in items on the counters such as the aquarium. There were bait boxes, however, from the excess amount of rodent droppings it appears that the current pest control program is insufficient. Other measures must be employed.

To be corrected by March 3, 2005.

Prepared By: Michelle B Williams DVM  
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Date:  
FEB-03-2005

Received By: \_\_\_\_\_

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