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INSPECTION REPORT

EMORY UNIVERSITY

Customer ID: 896

Certificate: 57-R-0003

Site: 001

EMORY UNIVERSITY

WOODRUFF HLTH SCIENCES CTR, 1440 CLIFTON RD NE
ATLANTA, GA 30322

Inspection

Type: ROUTINE INSPECTION

Date: MAY-16-2006

2.31 (d) (1) (ix)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

(d) IACUC review of activities involving animals.

(1) ...the IACUC shall determine that the proposed activities or significant changes in ongoing activities meet the following requirements:

(ix) ...Major operative procedures on non-rodents will be conducted only in facilities intended for that purpose which shall be operated and maintained under aseptic conditions.

***There are multiple cracks in the floor of the Crawford-Long facility. The cracks extend across the aisleway and into several dedicated surgical facilities where non-rodents are used for major operative procedures. The portion of the floor crack in the aisleway appears to have been repaired previously, evidenced by mismatched floor tile. The newer tile has again split exposing the foundation. Cracks and holes are visible in the exposed foundation. The unsealed floor creates a surface that cannot be aseptically maintained. This problem appears to be related to an underlying foundation problem. This problem must be evaluated by qualified personnel by 01 July 06 at which time a plan for correction must be developed.

***Woodruff surgery laboratory B011 is not aseptically maintained. The animal heating pad on the operating table is dirty. Additionally, the floor is in need of cleaning. There is residue on the floor around the operating table that appears to be adhesive from duct tape that had been on the floor. Surgical areas must be properly maintained to minimize risk of operative complication. Correct by: 24 May 06.

Discussed:

1.) Rabbit feed storage and use at Crawford-Long facility.

Prepared By:

Amy Bartholomew, DVM
AMY BARTHOLOMEW, D V M , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER Inspector ID: 1051

Received By:

b6, b7c
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Date:

MAY-15-2006

Date:

MAY-16-2006

INSPECTION REPORT

EMORY UNIVERSITY

Customer ID: 896

Certificate: 57-R-0003

Site: 002

EMORY UNIVERSITY

Inspection

Type: ROUTINE INSPECTION

Date: DEC-14-2006

WOODRUFF HLTH SCIENCES CTR, 1440 CLIFTON RD NE
ATLANTA, GA 30322

3.75 (a)

3.75 (c) (2)

3.75 (e)

HOUSING FACILITIES, GENERAL.

(a) Structure: construction. Housing facilities for nonhuman primates must be designed and constructed so that they are structurally sound for the species of nonhuman primates housed in them.

***The concrete ceiling in S3/4 is cracking. One crack approx. 3 feet in length is located above the indoor run of S3. A larger crack approx. 4 feet in length is located in front of the building entryway between indoor S3 and S4 runs. This area must be evaluated by personnel qualified to inspect and repair ceiling/roofs and appropriate repairs made by 01 Mar 07.

(c) Surfaces

(2) Maintenance and replacement of surfaces. All surfaces must be maintained on a regular basis. Surfaces of housing facilities that cannot be readily cleaned and sanitized, must be replaced when worn or soiled.

***There are areas of peeling yellow paint on the metal beam joining the upper portion of the walls and the ceiling in the interior of D1/D2. There is exposed rust beneath the peeling areas. Pieces of old paint can fall into the animal enclosure during pressure washing. Additionally, the pitted rusted surface exposed beneath the affected areas cannot be properly cleaned and sanitized. This area must be repaired to allow proper husbandry practices. Correct by: 01 Feb 07.

***There is a significant amount of chipping to the painted surface on the interior aspect of the entry door of BC1A/B. This door has been re-painted numerous times, evidenced by multiple (at least 5) paint colors identified in the chipped areas. The location of the damage suggests repeated physical damage (i.e.--repeatedly hitting door with metal transport boxes or caging equipment). This door must be repaired or replaced to minimize risk of paint chips in enclosures and to provide a uniform surface that can be cleaned and sanitized. Correct by: 01 Feb 07

***There floor of BC1A is cracking along the wall on the outside of the animal enclosure. This area must be repaired or replaced to provide a sealed surface that can be properly cleaned and sanitized. Correct by: 01 Feb 07.

***The floors in the outdoor portion of BC are peeling. This area has been recently repaired; however, the repairs provided a short-term solution. Winter weather conditions and outdoor location limit successful modifications in this area at this time. A plan for revision (considering weather conditions and ability to displace animals for repairs) must be developed by: 01 Mar 07.

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Date:

DEC-14-2006

INSPECTION REPORT

(e) Storage. Supplies of food and bedding must be stored in a manner that protects the supplies from spoilage, contamination, and vermin infestation. ...Food requiring refrigeration must be stored accordingly, and all food must be stored in a manner that prevents contamination and deterioration of its nutritive value. Only the food and bedding currently being used may be kept in animal areas, and when not in actual use, open food and bedding supplies must be kept in leakproof containers with tightly fitting lids to prevent spoilage and contamination.

***The freezer in the kitchen is malfunctioning. Excess condensation from the fans has dripped onto food items. The food items have become soaked and encased in excess ice. The food items in the freezer were discarded at the time of inspection. The freezer must be repaired or replaced prior to use to prevent contamination and deterioration of food. To be corrected prior to use.

***There are 2 sacks of open monkey biscuits sitting on a pallet in the dry feed storage area. Food sacks currently in use are stored in barrels adjacent to the animal areas. Open bags of feed not in current use must be kept in a leakproof container with a tight lid to prevent spoilage and to facilitate rodent control. Correct by: 15 Dec 07.

**3.84 (d) REPEAT NCI
CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.**



(d) Pest control. An effective program for control of insects, external parasites affecting nonhuman primates, and birds and mammals that are pests, must be established and maintained so as to promote the health and well-being of the animals and reduce contamination by pests in animal areas.

***Rodent control has improved in outdoor compounds. Live rodents were not observed at time of inspection. Evidence of rodent activity was noted in the M1B treatment area (rodent droppings and portions of monkey biscuits on floor beneath cabinets) and in D1/D2 (rodent droppings on top of flat portion of air duct and chewed pipe insulation around pipe connecting 2 rooms). These areas require additional control measures.

Prepared By: *Amy Bartholomew, DVM*
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DEC-14-2006



INSPECTION REPORT

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COMPLETE INSPECTION OF YERKES FIELD STATION CONDUCTED 17-20 JANUARY 2006

Reviewed:

- 1.) IACUC Minutes (01/05-12/05)
- 2.) IACUC Program Review (March 05, August 05)
- 3.) IACUC Field Station Semi-Annual Inspections (June 05, December 2005)
- 4. (b)(4)
- 5.) Colony Mortality Reports (2004, 2005)
- 6.) Pest Control Treatment Log
- 7.) Standard Operating Procedures (Emergency/disaster planning, Enrichment, Personnel Training, Husbandry/Management, Veterinary Care, Escapes, Boxing of Animals, Vermin Control, General)

Discussed:

- 1.) Perches/useable floor space for single-housed marmosets in Clinical Medicine
- 2.) Procedure for box transport of non-human primates

Prepared By:

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AMY BARTHOLOMEW, D.V.M., USDA, APHIS, Animal Care

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

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Date:

JAN-20-2006

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Date:

JAN-20-2006



EMORY UNIVERSITY

Customer ID: 896
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WOODRUFF HLTH SCIENCES CTR, 1440 CLIFTON RD NE
ATLANTA, GA 30322

Site: 002
EMORY UNIVERSITY

Inspection
Type: ROUTINE INSPECTION
Date: JAN-19-2006

3.80 (a) (2) (ix)

PRIMARY ENCLOSURES.

Primary enclosures for nonhuman primates must meet the following minimum requirements:

- (a) General requirements.
- (2) Primary enclosures must be constructed and maintained so that they:
- (ix) Enable all surfaces in contact with nonhuman primates to be readily cleaned and sanitized in accordance with §3.84(b)(3) of this subpart, or replaced when worn or soiled

***The floor in the outdoor portion of M3 runs 1 and 2 is cracking. The cracks are located near the indoor access doors in both of these runs. This inhibits proper cleaning and sanitization of this surface. Correct by: 20 Feb 06.

3.84 (a)

3.84 (d) REPEAT NCI

CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.

(a) Cleaning of primary enclosures. ...Perches, bars, and shelves must be kept clean and replaced when worn. If the species of the nonhuman primates housed in the primary enclosure engages in scent marking, hard surfaces in the primary enclosure must be spot-cleaned daily.

***Climbing structures in outdoor portion of S3 are excessively dirty. Enrichment items must be cleaned as often as necessary to maintain sanitary conditons for the animals. Correct by: 27 Jan 06.

(d) Pest control. An effective program for control of insects, external parasites affecting nonhuman primates, and birds and mammals that are pests, must be established and maintained so as to promote the health and well-being of the animals and reduce contamination by pests in animal areas.

***There is a rodent infestation of the premises--most notably in the S compounds. Numerous rat holes are noted in the outdoor portion of the enclosures. Daytime rat activity in M2B was noted. A live rat eating monkey chow was observed on a ledge above the indoor animal enclosures. A handful of monkey chow was on the ledge in the vicinity of the rat. A dead rat was removed from an animal area by care staff. Rodent populations must be controlled to minimize risk of disease.

***Live roaches were observed in and around the light fixtures of the indoor portion of M3. Dead roached have accumulated inside the ceiling light fixture housings. Effective pest control must be established and maintained.

Prepared By: *Amy Bartholomew*
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Title: (b)(6), (b)(7)c 51

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INSPECTION REPORT

EMORY UNIVERSITY

Customer ID: 896

Certificate: 57-R-0003

Site: 003

EMORY UNIVERSITY

Inspection

Type: ROUTINE INSPECTION

Date: MAR-16-2006

WOODRUFF HLTH SCIENCES CTR, 1440 CLIFTON RD NE
ATLANTA, GA 30322

2.33 (b)(2)

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

***Expired drugs were noted in the following laboratory areas: NS #1264 (Imaging/Pet Scan) 2 boxes IV fluids on shelves and 1 expired 500mL bag of IV fluids on counter, NS #3235 bottle of atropine expired 1999, RC08 1 package of heparin vials. Expired items must be promptly discarded or labeled to avoid inadvertent use in animals. To be corrected from this day forward.

***NS #1271 has a bottle of chemical-grade heparin in area where animal pharmaceuticals are stored. Available laboratory staff did not know purpose of this product. Investigators are expected to use pharmaceutical-grade medications whenever they are available, even in acute procedures. Non-pharmaceutical-grade chemical compounds should only be used in regulated animals after specific review and approval by the IACUC for reasons such as scientific necessity or non-availability of an acceptable veterinary or human pharmaceutical-grade product. Because heparin is a readily-available pharmaceutical-grade product, this item should not be stored with pharmaceutical products unless it's intended use is clearly labeled. Correct by: 24 March 2006.

***There are cleaning chemicals stored on the top shelf above the sink in RB Veterinary Treatment room. On the shelf immediately below is a bin containing oral medications for animals. Chemicals must be stored in a manner that prevents contamination of food and medication. The chemicals or medications must be relocated to minimize risk of cross-contamination. Correct by: 24 March 2006.

2.131 (b)(1)

HANDLING OF ANIMALS.

- (b) (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.

***Several animals were observed in transport boxes on the floor of the hallway of building RB. This is a temporary arrangement to allow cleaning of the animal room. The boxes utilized are generally used for short (room-to-room on the same premises) transportation. This particular box has ventilatory openings on 1 side of the enclosure. The enclosures were placed side-by-side in the hallway. This arrangement causes the ventilatory openings of some enclosures to directly contact a solid wall of an adjacent enclosure. This can significantly limit ventilation within an enclosure. Enclosures must be designed to limit this problem or staff must be trained to not align occupied enclosures in this manner. Correct by: 17 March 2006.

***2 transport cages for capuchins are in disrepair. The enclosures are constructed of black coated wire. The sides of each has been laced together with wire. One of the enclosures has broken wires on the top and broken, sharp, protruding wire on the floor. These enclosures are not to be used for animal transport until repaired or replaced. Correct by: 17 March 2006.

Prepared By:

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Date:

MAR-16-2006

Date:

3-17-06
MAR-17-2006



MAR 24 2006

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INSPECTION REPORT

3.75 (c)

3.75 (e)

HOUSING FACILITIES, GENERAL.

(c) Surfaces

(1) General requirements. The surfaces of housing facilities must be constructed in a manner and made of materials that allow them to be readily cleaned and sanitized...

***A layer of the floor in IDB2 is peeling loose. This was observed near the wall to the right of the entryway (behind animal racks). The peeling floor inhibits cleaning and sanitization. Correct by: 15 June 2006.

***There is peeling paint on the animal aspect of the entry door of T14B. This creates a surface inconducive to proper cleaning and sanitization. Correct by: 15 June 2006.

***There is peeling paint on the ceiling of the interior portion of the Great Ape Wing. This is most notable over enclosures #410-417 and #421-424. The large pieces of peeling paint are difficult to clean and sanitize and paint pieces can fall into animal enclosures. Correct by: 15 June 2006.

(e) Storage. Supplies of food and bedding must be stored in a manner that protects the supplies from spoilage, contamination, and vermin infestation.

***Outdated food rewards (old, hard marshmallows) were noted in laboratories IDB 107 and T12 lab 102. 2 large containers of expired (mill date 2004) treats were also noted in IDB 107. These items were discarded at the time of inspection.

***Laboratory refrigerator outside NS #3239 contains a package of batteries and animal food items. The plastic battery tray has filled with a liquid and stored on the top shelf. Because this item may contaminate animal food, it was discarded at the time of inspection.

3.84 (c)

CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.

(c) Housekeeping for premises. Premises where housing facilities are located, including buildings and surrounding grounds, must be kept clean and in good repair in order to protect the nonhuman primates from injury, to facilitate the husbandry practices required in this subpart

***NS cage wash area has damage to the wall on both the clean-side and dirty-side. The walls are chipped where primary enclosures have contacted them. The resulting exposed cinder block is porous and cannot be readily sanitized. These areas must be repaired and sealed to create a surface that is impervious to moisture. Additionally, there is a broken light cover in the ceiling of the clean-side NS cage wash area. Correct by: 15 June 2006.

***There is a hole in the roof of the cage wash area outside the RB building. This must be repaired to prevent rain leakage and maintain a clean area. Correct by: 15 April 2006.

COMPLETE INSPECTION OF YERKES MAIN STATION CONDUCTED 15-17 MARCH, 2006.

Previously cited non-compliant items have been corrected
Discussed type A and type B USDA license requirements. End of report.

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Date:
MAR-16-2006

Date: 3-17-06
MAR-17-2006



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INSPECTION REPORT

EMORY UNIVERSITY

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**WOODRUFF HLTH SCIENCES CTR, 1440 CLIFTON RD NE
ATLANTA, GA 30322**

Site: 001

EMORY UNIVERSITY

Inspection

Type: ROUTINE INSPECTION

Date: MAY-16-2006

2.31 (d) (1) (ix)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

(d) IACUC review of activities involving animals.

(1) ...the IACUC shall determine that the proposed activities or significant changes in ongoing activities meet the following requirements:

(ix) ...Major operative procedures on non-rodents will be conducted only in facilities intended for that purpose which shall be operated and maintained under aseptic conditions.

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***Woodruff surgery laboratory B011 is not aseptically maintained. The animal heating pad on the operating table is dirty. Additionally, the floor is in need of cleaning. There is residue on the floor around the operating table that appears to be adhesive from duct tape that had been on the floor. Surgical areas must be properly maintained to minimize risk of operative complication. Correct by: 24 May 06.

Discussed:

- 1.) Rabbit feed storage and use at Crawford-Long facility.

Prepared By:

Amy Bartholomew, DVM
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Title: (b)(6), (b)(7)c

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Date:

MAY-15-2006

Date:

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