



3493 cust\_id  
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3336 site\_id

**INSPECTION REPORT**

DENVER ZOOLOGICAL  
FOUNDATION  
DENVER ZOOLOGICAL GARDENS

Customer ID: 3493  
Certificate: 84-C-0002

Site: 001  
DENVER ZOOLOGICAL GARDENS

2900 E. 23RD AVE.  
DENVER, CO 80205

Inspection  
Type: ROUTINE INSPECTION  
Date: JUN-28-2006

No noncompliances identified during this inspection.

Accompanied on inspection by the Curator of Large Mammals.

Prepared By:   
 Title: (b)(6), (b)(7)c \_\_\_\_\_ HIS, Animal Care  
 Received By: \_\_\_\_\_  
 Title: \_\_\_\_\_

Date:  
JUN-28-2006

Date:  
JUN-28-2006

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DENVER ZOOLOGICAL GARDENS

Inspection

Type: ROUTINE INSPECTION

Date: FEB-28-2006

No noncompliances identified during this inspection. Previously cited noncompliance under Section 3.127 (d) has been corrected.

Accompanied on inspection by the Senior Curator, the Curator Carnivores and Primates, and the Primate Area Supervisor.

Prepared By:

TRACY THOMPSON, V.M.O. , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER , Inspector ID: 5044

Date:

FEB-28-2006

Received By:

(b)(6), (b)(7)c

Title:

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**Inspection  
Type: ROUTINE INSPECTION  
Date: OCT-28-2005**

**3.127 ( d ) REPEAT NCI  
FACILITIES, OUTDOOR.**

<<Perimeter fence. On or after May 17, 2000, all outdoor housing facilities (i.e., facilities not entirely indoors) must be enclosed by a perimeter fence that is of sufficient height to keep animals and unauthorized persons out....>>

During an inspection of the facility's perimeter fence, behind the area housing the Red River Hogs there was a large gap in the chainlink fencing measuring approximately 3 feet high from the ground and up to approximately 1 foot wide at its widest point. This gap is apparently large enough for a person or animal to pass through from either side of the fence.

This is a repeat noncompliant item, previously cited during the inspection performed on 7/14/04, which had a correction date of 8/24/04.

All previously identified noncompliances have been corrected.  
Accompanied on inspection by the Curator of Large Mammals.

Prepared By:

  
TRACY THOMPSON, V.M.O. USDA, APHIS, Animal Care

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

Received By:

Title:

Date:  
OCT-28-2005

Date:  
OCT-28-2005



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Inspection  
Type: ROUTINE INSPECTION  
Date: JUL-05-2005

**3.125 ( c ) REPEAT NCI  
FACILITIES, GENERAL.**

Repeat NCI <<Storage. Supplies of food and bedding shall be stored in facilities which adequately protect such supplies against deterioration, molding, or contamination by vermin....>>

In Barn #2, there were two mineral blocks stacked on the floor which had an accumulation of rodent feces on the floor adjacent to them. Contamination of feed or food supplements poses a risk to the health of the animals provided with this feed material.

This is a repeat noncompliant item which had a previous correction date of 8/6/04.

**3.131 ( c ) REPEAT NCI**

**3.131 ( d )  
SANITATION.**

3.131 (c)--Repeat NCI <<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.>>

The outdoor yard for the Reindeer in Barn 7 had an accumulation of water with heavy algal growth on the South side of the enclosure adjacent to the fence. This had originally been established as a mud wallow for the animals housed there. Algal growth can pose a risk to the health of the animal's housed in this enclosure and this area cannot be cleaned and maintained adequately in its current state.

This is a repeat noncompliant item which had a previous correction date of 7/15/04.

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

In Barn #2, there were two mineral blocks stacked on the floor which had an accumulation of rodent feces on the floor adjacent to them. Contamination of feed or food supplements poses a risk to the health of the animals provided with this feed material. The licensee does have a pest control program established but this should be reviewed to determine if changes are required to ensure effectiveness of the program.

A safe and effective program for control of all pests shall be established and maintained.

Prepared By: \_\_\_\_\_  
TRACY THOMPSON, V.M.O. , USDA, APHIS, Animal Care  
Title: VETERINARY MEDICAL OFFICER , Inspector ID: 5044

Date:  
JUL-05-2005

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

Date:  
JUL-05-2005



**INSPECTION REPORT**

To be corrected by 7/30/05.

Accompanied on inspection by the Curator of Large Mammals, the Curator of Carnivores and Primates, the Veterinary Resident, and the Vice President for Biological Programs.

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**Prepared By:**

TRACY THOMPSON, V.M.O. , USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER , Inspector ID: 5044

**Date:**

JUL-05-2005

**Received By:**

(b)(6), (b)(7)c

**Title:**

**Date:**

JUL-05-2005

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**Site: 001  
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**2900 E. 23RD AVE.  
DENVER, CO 80205**

**Inspection  
Type: ROUTINE INSPECTION  
Date: MAR-03-2005**

No noncompliances identified during this inspection.

Previously identified noncompliances have been corrected.

Accompanied on inspection by Curator Large Mammals, Curator Carnivores and Primates, Vice President for Biological Programs, and Randy Ridenour, SACS.

**Prepared By:** Tracy Thompson, V.M.O.  
TRACY THOMPSON, V.M.O. USDA, APHIS, Animal Care  
**Title:** VETERINARY MEDICAL OFFICER , Inspector ID: 5044

**Received By:** \_\_\_\_\_  
7003 0500 0000 6034 4268  
**Title:** CERTIFIED MAIL

**Date:**  
MAR-07-2005

**Date:**  
MAR-07-2005

MAR - 9 2005



**INSPECTION REPORT**

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Customer ID: 3493

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DENVER ZOOLOGICAL GARDENS

Inspection

Type: ROUTINE INSPECTION

Date: OCT-14-2004

**3.125 ( c ) REPEAT NCI  
FACILITIES, GENERAL.**

<<Storage. Supplies of food and bedding shall be stored in facilities which adequately protect such supplies against deterioration, molding, or contamination by vermin.>>

The refrigerator and freezer in the back holding area for Blue Duikers and Mandrills still has spilled food material on numerous surfaces, including loose dead insects used for feed. This is a repeat violation with a correction date of 8/6/04 for developing a storage method and cleaning systems designed to avoid these problems.

This inspection was focused on areas where noncompliances were previously identified on the inspection of 7/14/04. Accompanied on inspection by (b)(6), (b)(7)c

(b)(6), (b)(7)c

All previous noncompliances listed below have been corrected:

- 3.75 (c)(1)(i) and 3.75 (e) Housing Facilities, General; Surfaces; Storage
- 3.82 (a) Feeding
- 3.127 (d) Facilities, Outdoor; Perimeter Fence
- 3.129 (b) Feeding
- 3.131 (c) Sanitation; Housekeeping

Prepared By: Tracy Thompson VMO  
TRACY THOMPSON, V.M.O., USDA, APHIS, Animal Care

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

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

Title: \_\_\_\_\_

Date:  
OCT-14-2004

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OCT-14-2004

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**2900 E. 23RD AVE.  
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**Inspection  
Type: ROUTINE INSPECTION  
Date: JUL-14-2004**

**2.50 ( c )**

**TIME AND METHOD OF IDENTIFICATION.**

<< A class "C" exhibitor shall identify all live dogs and cats under his or her control or on his or her premises, whether held, purchased, or otherwise acquired...>>

During the inspection of the Education animals, one domestic dog, "Bodie", was present and no official form of identification was available. The licensee is utilizing a subcutaneous microchip as identification and was informed of the need to have this approved by USDA Animal Care. Proper identification for dogs housed at this facility should be obtained and maintained as required.

The licensee has completed the approval process to use microchipping as an approved method of identification for dogs.

This was corrected on site.

**2.75 ( a ) ( 2 )**

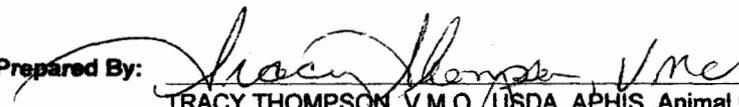
**RECORDS: DEALERS AND EXHIBITORS.**

<<Each dealer and exhibitor shall use Record of Acquisition and Dogs and Cats on Hand (APHIS Form 7005/VS Form 18-5) and Record of Disposition of dogs and Cats (APHIS Form 7006/VS Form 18-6) to make, keep, and maintain the information required by paragraph (a)(1) of this section...>>

During the inspection of the Education animals, a single domestic dog, "Bodie", had been acquired by the licensee for exhibition purposes on 4/22/2003. No Record of Acquisition and Dogs and Cats on Hand (APHIS Form 7005) is available for this animal.

The licensee will complete and maintain the APHIS Form 7005 for the dog currently on hand and upon acquisition of any new dogs or cats. APHIS Form 7006 will be completed and maintained by the licensee as required in this section upon disposition of any dogs or cats.

To be corrected by 7/16/04.

**Prepared By:**   
TRACY THOMPSON, V.M.O. USDA, APHIS, Animal Care  
**Title:** VETERINARY MEDICAL OFFICER, Inspector ID: 5044

**Date:**  
JUL-14-2004

**Received By:** \_\_\_\_\_  
7003050000060343797  
**Title:** CERTIFIED MAIL

**Date:**  
JUL-14-2004



**INSPECTION REPORT**

3.75 (c)(1)(i) REPEAT NCI

3.75 (e)

**HOUSING FACILITIES, GENERAL.**

<<Surfaces. General requirements: The surfaces of housing facilities--including perches, shelves, swings, boxes, houses, dens, and other furniture-type fixtures or objects within the facility--must be constructed in a manner and made of materials that allow them to be readily cleaned and sanitized, or removed or replaced when worn or soiled....Any surfaces that come in contact with nonhuman primates must: Be free of excessive rust that prevents the required cleaning and sanitization, or that affects the structural strength of the surface...>>

During the inspection areas were noted to have peeling paint and excessive rust on the surfaces of shift doors, climbing structures, and cage fronts and doors (Colobus holding facility and Capuchin holding facility--3 rooms affected). Some surfaces are showing deterioration of the supporting structure due to rust corrosion (Colobus holding cage door and climbing structure support legs). These surfaces cannot be properly disinfected due to the rust. Structural integrity will become increasingly compromised if the rust is not repaired or the materials replaced.

The licensee will repair or replace all surfaces which are rusting that come in contact with non-human primates. Rusting surfaces have been reported in non-human primate areas at the zoo on three previous inspections (2000-2002). A program for monitoring and preventing the recurrence of this type of noncompliance should be established and maintained. This is a repeat noncompliance item.

To be corrected by 8/16/04.

<<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. ...>>

During the inspection the refrigerator and freezer in the Great Apes keeper area had a build-up of food debris on the inside surfaces and seals, and on the outside surface of the doors. The freezer used for enrichment items had spilled food material stuck on the inside surfaces and many prepared food items stored in this freezer were uncovered, with some sliding from the containers onto other food containers. The type of food storage in the refrigerator and freezer would allow for contamination and deterioration of the food material. Storing food material should be done in a manner that prevents this, such as in sealable, leakproof containers. A more effective cleaning schedule should be developed to prevent a build-up of food debris on the inside and outside surfaces these storage equipment.

The Curator and keepers in this area will develop and maintain a cleaning schedule for all food storage equipment to eliminate sources of contamination of food materials. They will use a method of sealing all stored food materials so as to prevent spillage, leakage, spoilage and contamination.

To be corrected by 7/16/04.

Prepared By: Tracy Thompson V.M.O.  
TRACY THOMPSON, V.M.O., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 5044

Date:  
JUL-14-2004

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**INSPECTION REPORT**

**3.82 ( a )**

**FEEDING.**

<<The diet for nonhuman primates must be appropriate for the species...The food must be clean, wholesome, and palatable to the animals...and have sufficient nutritive value to maintain a healthful condition and weight range of the animal and to meet its normal daily nutritional requirements.>>

During the inspection a package of Mazuri New World Primate Biscuit had a milling date of 12/10/03 was found in the food storage area in the Emerald Forest. This diet is only guaranteed palatable and wholesome by the manufacturer for 6 months after milling in a sealed container or package and, due to the Vitamin C content in this feed and the nutritional requirements of new world species, it is recommended that the food be used within 90 days after milling. This diet is therefore considered to not be adequate to meet the animals daily nutritional requirements and cannot be considered wholesome.

The licensee will remove the expired food material so that it will not be fed to any non-human primates. The licensee will obtain replacement feed for these animals that is guaranteed to be wholesome and palatable. The licensee will develop a more effective system for monitoring food labels for proper rotation in ordering, storage, and use of processed feeds by consulting with the food manufacturers and the consultant nutritionist.

Current New World Primate food problem to be corrected immediately.

System for better monitoring of food materials to be established by 7/30/04.

**3.125 ( c ) REPEAT NCI**

**FACILITIES, GENERAL.**

<<Storage. Supplies of food and bedding shall be stored in facilities which adequately protect such supplies against deterioration, molding, or contamination by vermin.>>

During the inspection, the refrigerator in the back holding area for Blue Duikers contained open bags of food material, some of which had spilled onto the inside surfaces of the refrigerator. In the freezer section, some uncovered prepared food items for enrichment purposes had also spilled onto the inside surfaces. These food items can become contaminated and can contaminate other food stored in this equipment.

In the back holding of the auxiliary hoofstock barn and in several keeper areas in the holding for the Southern range areas, there were open bags of bedding sitting on the ground. These provide a site for vermin infestation and contamination when left exposed and uncovered.

The Curators and keeper staff will develop a system for regularly cleaning food storage equipment to prevent deterioration and contamination of food materials. A method of properly storing food items will also be initiated to prevent spillage, leakage, deterioration and contamination. Also, all open food and bedding materials will be stored so that contamination by vermin will be prevented.

Currently identified problems will be corrected by 7/16/04.  
Storage methods and cleaning systems will be corrected by 8/6/04.

Prepared By: Tracy Thompson, V.M.O.  
TRACY THOMPSON, V.M.O., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 5044

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**INSPECTION REPORT**

**3.127 ( d ) REPEAT NCI FACILITIES, OUTDOOR.**

<<Perimeter fence. ...The fence must be constructed so that it protects the animals in the facility by restricting animals and unauthorized persons from going through it or under it and having contact with the animals in the facility, and so that it can function as a secondary containment system for the animals in the facility. >>

The entire perimeter fence was inspected and the following areas were noted to have deficiencies that could allow access by animals or unauthorized persons onto the zoo grounds or that could fail as a secondary containment for resident animals:

\_\_Northwest side: between the Grey and Green modular service/office buildings there is a large tree with a limb resting on the barbed wire; a tree resting on the barbed wire behind the Grey building. Several smaller trees with limbs resting on the barbed wire between the Grey building and the Veterinary Hospital. Behind the Hospital Quarantine there are several areas of broken barbed wire and tree limbs resting on the wire.

--Gate 9: broken barbed wire and tree limbs overhanging the fence to the outside.

--Gate 2A: bent barbed wire behind the electrical box

--Felines: very overgrown between the exhibit fencing and the inside perimeter fence making it difficult to assess the integrity of the perimeter fence; large tree bending the fence and barbed wire; vines are bending the barbed wire supports and cover and bind the barbed wire; tree at the junction of the inside fence and perimeter fence if bending the barbed wire.

--Gate 2: a tree and the vines are growing in among the barbed wire

--Tropical Discovery: vines are bending and binding the barbed wire

--Gate 4: broken barbed wire and a tree branch resting on the barbed wire; storage shed area has pine tree branches laying on the barbed wire

--Wolf yard: pine tree branch and vines bending barbed wire in several places

--Southern ranges: two large trees have limbs bending the barbed wire and supports; vines are heavily growing along this fence line and have obliterated the barbed wire along the entire perimeter fence down to the Park shops area.

--Gate 5: vines and bushes are bending the barbed wire and supports

--Horticulture: trees and vines are overhanging the fence and there is broken barbed wire; several trees and vines are weighing down the barbed wire all along the lake side of the fence.

--Avian propagation: large cottonwood tree overhanging the barbed wire

--West entrance: bent and loose barbed wire

--Primate Panorama, behind Kraal: bent supports and downed barbed wire; tree limbs overhanging and bending the top rail

Prepared By:

*Tracy Thompson, V.M.O.*  
TRACY THOMPSON, V.M.O., USDA, APHIS, Animal Care

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--Gate 6A and back of Red River Hogs: broken barbed wire; tree limb overhanging from the outside of fence onto zoo grounds behind RR hog housing; bend supports and wire behind RR hog exhibit

--Great Apes: behind gorilla yards there is bent wire and supports; several holes are noted at the bottom of the fencing ; chain link is pulled away from the lower support pole in several places; broken top rail and wire near the back of orangutan yard

--Gate 7: several larger holes (domestic cat sized) under the bottom of the fence

The bent barbed wire, especially where tree limbs or vines are overhanging, removes a barrier to entry by unauthorized persons and animals from outside the zoo. Holes under the fence near the Great Apes building and Gate 7 appear to have been created by animals and allows access to the zoo grounds by vermin or domestic animals. The overgrowth of vegetation, particularly behind the Feline building and along the southwest edge (Duck Lake area), indicate the facility has not been regularly checking the perimeter fence in these areas.

The licensee will repair and maintain the perimeter fence to meet the requirements of section 3.127. A more vigilant system for monitoring the integrity of the perimeter fence will be established and maintained.

To be corrected by 8/24/04.

**3.129 ( b )  
FEEDING.**

<<...Food receptacles will be kept clean and sanitary at all times.>>

During the inspection the food troughs in the Asiatic and Grizzly Bear holding areas were found to be completely covered in rust. Also, in the Bactrian Camel pen, an elevated metal food bind was noted to have rust in areas where the paint had deteriorated. Rusted surfaces cannot be adequately sanitized and should not be in contact with food materials.

The licensee will repair, replace, remove or discontinue use of any food receptacles which have surfaces that cannot be adequately sanitized, such as those which are rusted.

To be corrected by 7/30/04.

**3.131 ( c ) REPEAT NCI  
SANITATION.**

<<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. ...>>

During the inspection of the secondary Red River Hog holding, an open bag of fertilizer was found on the floor near the animal holding pen. There is a potential for this material to spill and be in contact with animals with access to this area. Contact and/or ingestion of fertilizer could be potentially harmful to these animals.

Prepared By: Tracy Thompson, V.M.O.  
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The licensee will have a staff member remove or secure the fertilizer material such that spillage or leakage cannot occur. Any materials unnecessary for daily animal care should be removed from animal areas.

To be corrected by 7/15/04.

Inspection occurred from 7/12/04 through 7/15/04. Accompanied on inspection by (b)(6), (b)(7)c  
(b)(6), (b)(7)c  
(b)(6), (b)(7)c

The following materials were discussed and provided to the staff at Denver Zoo: Exercise Plan for Dogs, Microchip Request for Identification of Dogs, Policy #13, APHIS 7005 and 7006.

End of Report.

Prepared By: Tracy Thompson, VMO  
TRACY THOMPSON, V.M.O., USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 5044

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