



## Inspection Report

ALPHA GENESIS INC

Customer ID: **905**

Certificate: **56-B-0120**

Site: 001

ALPHA GENESIS INC

95 CASTLE HALL RD P O BOX 557

Type: ROUTINE INSPECTION

YEMASSEE, SC 29945

Date: May-12-2010

**3.75** (c) (1) (ii)

### HOUSING FACILITIES, GENERAL.

Surfaces--(1) General requirements. Any surfaces that come in contact with nonhuman primates must: (ii) Be free of jagged edges or sharp points that might injure the animals.

At the time of inspection, several broken wire fence ties were noted that were accessible to the NHPs housed within the enclosure. One animal was observed playing with and mouthing an approximately 6" piece of broken wire removed from the fence. This poses a risk of injury or ingestion. The enclosure needs to be maintained in order to minimize risk of injury to the animals.

Correct from this point forward.

**3.81** (c) (4)

### ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

Special considerations. Certain nonhuman primates must be provided special attention regarding enhancement of their environment, based on the needs of the individual species and in accordance with the instructions of the attending veterinarian. Nonhuman primates requiring special attention are individually housed nonhuman primates that are unable to see and hear nonhuman primates of their own or compatible species.

At the time of inspection, Buildings 22 and 24 are housing non-human primates (NHPs) that due to the orientation of the enclosures, the individually-housed NHPs are not able to visualize their conspecifics. According to the facilities statement on the psychological well-being and environmental enrichment of non-human primates, "animals from the same social groups can benefit from eye contact with their peers, and should be placed facing each other". NHPs should be able to hear and see members of their own species for their psychological well-being.

Correct by June 11, 2010

**Prepared By:**

TONYA HADJIS, D.V.M. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1081

May-12-2010

**Received By:**

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

**Date:**

**Title:**

May-20-2010



## Inspection Report

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**3.81** (e)

### ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

Social grouping. (e) Exemptions. (1) The attending veterinarian may exempt an individual nonhuman primate from participation in the environment enhancement plan because of its health or condition, or in consideration of its well-being. The basis of the exemption must be recorded by the attending veterinarian for each exempted nonhuman primate. Unless the basis for the exemption is a permanent condition, the exemption must be reviewed at least every 30 days by the attending veterinarian... (3) Records of any exemptions must be maintained by the dealer, exhibitor, or research facility and must be made available to USDA officials or officials of any pertinent funding Federal agency upon request.

The NHPs in Buildings 22 and 24 were individually housed without a written exemption from the Attending Veterinarian indicating medical reasons for not being pair or group housed. The facility needs to develop a program to move these animals into pair or group housing for their psychological well-being.

Correct by June 11, 2010

**3.84** (c)

### REPEAT

### CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.

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, and to reduce or eliminate breeding and living areas for rodents, pests, and vermin.

The floor in Building 22 housing NHPs is in disrepair with large areas devoid of paint and with areas of cracked and chipped flooring. The premises should be maintained in good repair to be easily sanitizable. This is protect the health and well-being of the NHPs.

An exit interview was conducted with the licensee on May 12, 2010. Present from the facility were the Attending Veterinarian, a Clinical Veterinarian, and the IACUC Chair.

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**Prepared By:**

TONYA HADJIS, D.V.M. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1081

May-12-2010

**Received By:**

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

**Date:**

**Title:**

May-20-2010



## Inspection Report

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ALPHA GENESIS INC

Customer ID: **905**

Certificate: **56-R-0105**

Site: 001

HAMPTON CENTER

95 CASTLE HALL RD P O BOX 557

Type: ROUTINE INSPECTION

YEMASSEE, SC 29945

Date: May-12-2010

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No non-compliant items identified during this inspection.

No research has been conducted since October 2009.

No research animals are on the premises.

Exit interview conducted with the Attending Veterinarian, Clinical Veterinarian, and IACUC Chair.

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**Prepared By:**

GWYNN HALLBERG, D.V.M. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 5036

May-12-2010

**Received By:**

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

**Date:**

**Title:**

May-12-2010



## Inspection Report

ALPHA GENESIS INC

Customer ID: 905

Certificate: 56-B-0120

Site: 001

95 CASTLE HALL RD P O BOX 557

ALPHA GENESIS INC

Type: ROUTINE INSPECTION

Date: Mar-03-2010

YEMASSEE, SC 29945

**3.80** (a) (2) (xi)

### PRIMARY ENCLOSURES.

Section 3.80(a)(2)(xi) states "Primary enclosures for nonhuman primates must meet the following minimum requirements: Primary enclosures must be constructed and maintained so that they provide sufficient space for the nonhuman primates to make normal postural adjustments with freedom of movement."

A single caged male rhesus (AJ14) is too big for the group 3 cage (4.3 square feet) he is in. Although a record check shows he is 8 kgs and falls in the accepted weight range for this size caging, he is a long lanky rhesus and fills the cage. When he turns on all fours, his head and tail touch the sides of the cage and he cannot stand up fully in the cage, thus he does not have sufficient freedom of movement. This primate was moved to a larger cage during this inspection.

**3.80** (b) (2) (i)

### PRIMARY ENCLOSURES.

Section 3.80(b)(2)(i) states "Primary enclosures for nonhuman primates must meet the following minimum space requirements. The minimum space that must be provided to each nonhuman primate, whether housed individually or with other nonhuman primates, will be determined by the typical weight of animals of its species, with marmosets requiring 1.6 square feet of floor space and 20 inches height."

The marmoset colony has been growing and family groups are being allowed to stay together. Two groups of 4 and one group of 4 adult and 2 juveniles are in cages with 4.3 square feet of floor space. Because each marmoset requires 1.6 square feet of floor space, these groups would require 6.4 - 9.6 square feet of floor space. Another group of 4 marmosets is in a different cage with 3.5 square feet of floor space. The IACUC can approve innovative primary enclosures which have less than the minimum floor space but which provide a sufficient volume of space to allow for species typical behavior. The minimum floor space, or IACUC approved cage with sufficient volume, needs to be provided each family group. To be corrected by 6-4-10.

**Prepared By:**

LISA K MACELDERRY, D V M USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

Mar-04-2010

**Received By:**

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

**Date:**

**Title:**

Mar-04-2010



## Inspection Report

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### 3.81 (a)

#### ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

Section 3.81(a) states "Dealers and research facilities must develop, document, and follow an appropriate plan for environment enhancement adequate to promote the psychological well-being of nonhuman primates. The plan, at a minimum, must address social grouping. The environment enhancement plan must include specific provisions to address the social needs of nonhuman primates of species known to exist in social groups in nature. Such specific provisions must be in accordance with currently accepted professional standards, as cited in appropriate professional journals or reference guides, and as directed by the attending veterinarian."

The facility's environmental enhancement plan states non-human primates should be housed in social groups or pairs, rather than individually. The plan does provide provisions for when single housing is a requirement, such as certain research, veterinary care, quarantine, or shipping preparation. Probably 80-90% of the non-human primates are socially housed, but there are currently two groups of client owned, singly housed macaques totaling 314 animals which are singly housed, and 161 African Green monkeys which are singly housed. The Greens were moved into single housing 3 months ago, in anticipation of an impending contract, which has not materialized. Previously these Greens were socially housed and could be again with appropriate housing and placements.

One group of client owned macaques could be socially housed as they are just being boarded until sale. The other group of client owned animals is part of a bleeding protocol, and in the past has received an IACUC approved exception, but the client has agreed in past letters to try some pair housing. This client's protocol also states the facility's enrichment plan can be followed. For the client owned animals, attempts at social housing need to be done, especially for the long term non-human primates. In order to increase the pair housing attempts, more older cages need to be modified to allow for pair housing.  
To be corrected by 9-4-10.

### 3.84 (c)

#### CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.

Section 3.84(c) states "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, and to reduce or eliminate breeding and living areas for rodents, pests, and vermin."

The painted floor in 26D New World Treatment is coming up in large pieces, which can allow water to pool under the loose paint and provide areas for pests to hide. The floor needs to be repaired to provide a solid surface which facilitates husbandry practices. To be corrected by 5-4-10.

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#### Prepared By:

LISA K MACELDERRY, D V M USDA, APHIS, Animal Care

#### Date:

Title: VETERINARY MEDICAL OFFICER Inspector 1055

Mar-04-2010

#### Received By:

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

#### Date:

Title:

Mar-04-2010



## Inspection Report

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ALPHA GENESIS INC

Customer ID: **905**

Certificate: **56-R-0105**

Site: 001

HAMPTON CENTER

95 CASTLE HALL RD P O BOX 557

Type: ROUTINE INSPECTION

Date: Mar-03-2010

YEMASSEE, SC 29945

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NO NON-COMPLIANT ITEMS IDENTIFIED THIS INSPECTION.

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**Prepared By:**

LISA K MACELDERRY, D V M USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

Mar-04-2010

**Received By:**

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

**Date:**

**Title:**

Mar-04-2010



## Inspection Report

ALPHA GENESIS INC

Customer ID: **905**

Certificate: **56-B-0120**

Site: 001

ALPHA GENESIS INC

95 CASTLE HALL RD P O BOX 557

Type: ROUTINE INSPECTION

YEMASSEE, SC 29945

Date: Mar-03-2010

**3.80** (a) (2) (xi)

### PRIMARY ENCLOSURES.

Section 3.80(a)(2)(xi) states "Primary enclosures for nonhuman primates must meet the following minimum requirements: Primary enclosures must be constructed and maintained so that they provide sufficient space for the nonhuman primates to make normal postural adjustments with freedom of movement."

A single caged male rhesus (AJ14) is too big for the group 3 cage (4.3 square feet) he is in. Although a record check shows he is 8 kgs and falls in the accepted weight range for this size caging, he is a long lanky rhesus and fills the cage. When he turns on all fours, his head and tail touch the sides of the cage and he cannot stand up fully in the cage, thus he does not have sufficient freedom of movement. This primate was moved to a larger cage during this inspection.

**3.80** (b) (2) (i)

### PRIMARY ENCLOSURES.

Section 3.80(b)(2)(i) states "Primary enclosures for nonhuman primates must meet the following minimum space requirements. The minimum space that must be provided to each nonhuman primate, whether housed individually or with other nonhuman primates, will be determined by the typical weight of animals of its species, with marmosets requiring 1.6 square feet of floor space and 20 inches height."

The marmoset colony has been growing and family groups are being allowed to stay together. Two groups of 4 and one group of 4 adult and 2 juveniles are in cages with 4.3 square feet of floor space. Because each marmoset requires 1.6 square feet of floor space, these groups would require 6.4 - 9.6 square feet of floor space. Another group of 4 marmosets is in a different cage with 3.5 square feet of floor space. If innovative primary enclosures which have less than the minimum floor space but which provide a sufficient volume of space to allow for species typical behavior are going to be used, the caging must be approved by the APHIS Administrator. The minimum floor space, or APHIS Administrator approved caging with sufficient volume, needs to be provided each family group. To be corrected by 6-4-10.

**Prepared By:**

LISA K MACELDERRY, D V M USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

Apr-21-2010

**Received By:**

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

**Date:**

**Title:**

Apr-29-2010



## Inspection Report

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**3.81** (a)

### ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

Section 3.81(a) states "Dealers and research facilities must develop, document, and follow an appropriate plan for environment enhancement adequate to promote the psychological well-being of nonhuman primates. The plan, at a minimum, must address social grouping. The environment enhancement plan must include specific provisions to address the social needs of nonhuman primates of species known to exist in social groups in nature. Such specific provisions must be in accordance with currently accepted professional standards, as cited in appropriate professional journals or reference guides, and as directed by the attending veterinarian."

The facility's environmental enhancement plan states non-human primates should be housed in social groups or pairs, rather than individually. The plan does provide provisions for when single housing is a requirement, such as certain research, veterinary care, quarantine, or shipping preparation. Probably 80-90% of the non-human primates are socially housed, but there are currently two groups of client owned, singly housed macaques totaling 314 animals which are singly housed, and 161 African Green monkeys which are singly housed. The Greens were moved into single housing 3 months ago, in anticipation of an impending contract, which has not materialized. Previously these Greens were socially housed and could be again with appropriate housing and placements.

One group of client owned macaques could be socially housed as they are just being boarded until sale. The other group of client owned animals is part of a bleeding protocol, and in the past has received an IACUC approved exception, but the client has agreed in past letters to try some pair housing. This client's protocol also states the facility's enrichment plan can be followed. For the client owned animals, attempts at social housing need to be done, especially for the long term non-human primates. In order to increase the pair housing attempts, more older cages need to be modified to allow for pair housing.

To be corrected by 9-4-10.

**3.84** (c)

### CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.

Section 3.84(c) states "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, and to reduce or eliminate breeding and living areas for rodents, pests, and vermin."

The painted floor in 26D New World Treatment is coming up in large pieces, which can allow water to pool under the loose paint and provide areas for pests to hide. The floor needs to be repaired to provide a solid surface which facilitates husbandry practices. To be corrected by 5-4-10.

This is an amended inspection to correct the 3.80(b)(2)(i) citation where the need for IACUC approval was stated. This was changed to the need for APHIS Administrator approval.

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**Prepared By:**

LISA K MACELDERRY, D V M USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

Apr-21-2010

**Received By:**

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

**Date:**

**Title:**

Apr-29-2010





## Inspection Report

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ALPHA GENESIS INC

Customer ID: **905**

95 CASTLE HALL RD P O BOX 557

Certificate: **56-R-0105**

Site: 001

HAMPTON CENTER

YEMASSEE, SC 29945

Type: ROUTINE INSPECTION

Date: Jan-15-2009

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NO NON-COMPLIANT ITEMS IDENTIFIED THIS INSPECTION.

---

**Prepared By:**

LISA K MACELDERRY, D V M      USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

Jan-15-2009

**Received By:**

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

**Date:**

**Title:**

Jan-15-2009



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ALPHA GENESIS INC

YEMASSEE, SC 29945

Type: ROUTINE INSPECTION

Date: Jan-15-2009

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NO NON-COMPLIANT ITEMS IDENTIFIED THIS INSPECTION.

---

**Prepared By:**

LISA K MACELDERRY, D V M      USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

Jan-15-2009

**Received By:**

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

**Date:**

**Title:**

Jan-15-2009



## Inspection Report

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ALPHA GENESIS INC

Customer ID: **905**

95 CASTLE HALL RD P O BOX 557

Certificate: **56-R-0105**

Site: 001

HAMPTON CENTER

YEMASSEE, SC 29945

Type: ROUTINE INSPECTION

Date: Apr-29-2008

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NO NON-COMPLIANT ITEMS IDENTIFIED THIS INSPECTION.

THIS IS A FOCUSED INSPECTION OF CLIENT OWNED RESEARCH ANIMALS.

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**Prepared By:**

LISA K MACELDERRY, D V M      USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

**Date:**

Apr-29-2008

**Received By:**

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

**Date:**

Apr-29-2008

**Title:**



## Inspection Report

---

ALPHA GENESIS INC

Customer ID: **905**

Certificate: **56-R-0105**

Site: 001

HAMPTON CENTER

95 CASTLE HALL RD P O BOX 557

Type: ROUTINE INSPECTION

YEMASSEE, SC 29945

Date: Feb-12-2008

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NO NON-COMPLIANT ITEMS IDENTIFIED THIS INSPECTION.

---

**Prepared By:**

LISA K MACELDERRY, D V M      USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

Feb-13-2008

**Received By:**

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

**Date:**

**Title:**

Feb-13-2008



## Inspection Report

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ALPHA GENESIS INC

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95 CASTLE HALL RD P O BOX 557

Type: ROUTINE INSPECTION

YEMASSEE, SC 29945

Date: Feb-12-2008

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NO NON-COMPLIANT ITEMS IDENTIFIED THIS INSPECTION.

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**Prepared By:**

LISA K MACELDERRY, D V M      USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 1055

Feb-13-2008

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**Date:**

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