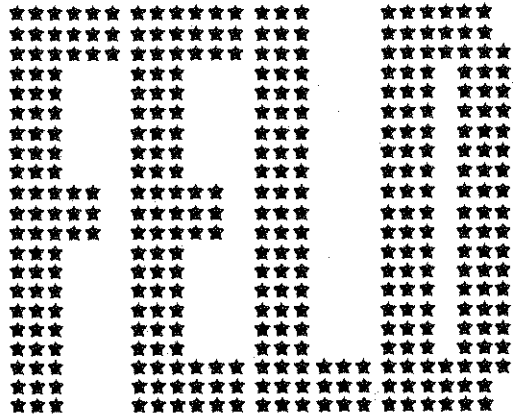


PLAINTIFFS' EXHIBIT V
To Plaintiffs' Opposition to Defendants' Motion
For Summary Judgment
Civ. No. 03-2006 (EGS/JMF)



ENTERTAINMENT

STANDARDS AND GUIDELINES FOR ANIMAL CARE AND MANAGEMENT



RINGLING BROS.^{AND}
BARNUM & BAILEY



Center
for Elephant
Conservation

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The Feld Entertainment *Standards and Guidelines for Animal Care and Management* is intended to present a broad overview of the structure of the company's animal care program. The standards and guidelines contained herein have been developed to optimize the physical and psychological health of, and environmental conditions for, individual animals under our care, regardless of whether owned by Feld or leased to us, and to maximize the educational and scientific value of all these animals.

The standards and guidelines presented in this document surpass current regulatory standards mandated by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS) under the U.S. Animal Welfare Act. They more accurately reflect present-day practices, which are based on current scientific data and the cumulative experience of animal care professionals.

These *Standards and Guidelines* will be amended and improved as the knowledge base regarding animal care expands. Feld Entertainment will annually review the standards and guidelines, thereby assuring the goal to be a leader in the integration of advanced technologies and scientific advancements.

Rev. April 2002

CORPORATE VISION OF OUR RESPONSIBILITY TO ANIMALS

In keeping with our corporate vision, Feld Entertainment is committed to the highest standards in the care and training of all our animal performers as well as to the breeding and conservation of the Asian elephant and other endangered species.

The purpose of the performance by our animals and their human partners is to escalate excitement and amazement and symbolize the interaction and mutual respect between these partners. Our performances and other animal presentations entertain and educate the public, raise awareness about and enthusiasm for the proper care and treatment of all animals, and promote the conservation of endangered species and their habitats by showing humans and animals living and working together in harmony.

***CORPORATE VISION OF THE
RINGLING BROS. AND BARNUM & BAILEY
CENTER FOR ELEPHANT CONSERVATION***

In keeping with our corporate vision to assure the well being of all our animals, Feld Entertainment has established the Ringling Bros. and Barnum & Bailey Center for Elephant Conservation (Center) to create a superior environment for Asian elephant conservation, reproduction, research, and retirement.

Our many years of successfully working and living with these animals have provided a unique foundation of practical and scientific knowledge. The Center enables us to enhance the species' ability to thrive in today's world and into the future, and positions us to share this coveted body of knowledge with the world's scientific community.

***CORPORATE VISION OF THE
SCIENCE AND CONSERVATION DIVISION,
RINGLING BROS. AND BARNUM & BAILEY
CENTER FOR ELEPHANT CONSERVATION***

In keeping with our corporate vision to protect, conserve, and enhance the future of animal species and the lives of individual animals, endangered or otherwise, Ringling Bros. and Barnum & Bailey's Center for Elephant Conservation has established the Science and Conservation Division to promote, support, and advance both *in situ* and *ex situ* research, husbandry, and conservation programs. The division actively participates in *bona fide* conservation and science projects, at home and abroad, and is committed to aiding the efforts of individuals and organizations that are working to ensure the future of wildlife and its care.

MISSION STATEMENT

Feld Entertainment, Inc. firmly believes that the maintenance and presentation of live animals is a valid and valuable tool to address the needs of conservation and education. Any animal presentation conducted under the auspices of Feld Entertainment will offer education about wildlife in an entertaining fashion, while maintaining the highest possible standards of care, husbandry, and training. Highlighting natural behaviors, our animals will be presented to enhance the experience of our guests, and to promote a greater understanding and compassion for all wildlife and the conservation of nature.

PREAMBLE

Feld Entertainment recognizes that behavior management fulfills a necessary need in the enhancement of the husbandry and welfare of animals. Furthermore, it is also recognized that as learning is always occurring, pro-active behavior management is an essential component of any responsible animal care and management program. Consequently, Feld Entertainment's animal care department operates on the following beliefs:

1. All behavior is modifiable
2. Operant conditioning is our most effective behavior management tool
 - a. Reinforcement and voluntary cooperation are endorsed
 - b. Punishment is discouraged
3. Learning should be conducted in a nurturing, non-threatening environment for both animals and people
4. Responsible behavior management creates a continuous flow of innovative options for successful animal management
5. Safety is at the core of a responsible animal behavior management plan
6. Behavior management is a necessary component of conservation

Feld Entertainment believes that adherence to these beliefs will result in professional, ethical, responsible, progressive, and safer animal care.

ANIMALS: Animals that are selected for roles as animal ambassadors, or to be presented in shows, demonstrations, outreach, or other public programs, will be trained to perform extensions of natural behaviors under stimulus control, and will receive the dignified and humane treatment which is our responsibility to provide. Animals who, for any reason, are not suited to be a part of the show will be retired from performances and cared for in the most humane manner, as recommended by behavioral and veterinary personnel. All animals will be trained and handled so as to minimize the potential danger to handlers, audiences, and/or other animals.

PERSONNEL: Individuals who will be handling animals will be instructed in the proper care, handling, and training of each species prior to working with that species. All personnel agree to strive for excellence in every aspect of our animal programs. By expanding the uses of operant conditioning and other recognized training principles, animal care personnel will improve routine husbandry and veterinary procedures, as well as minimize the possibility of aberrant or aggressive behaviors. Feld Entertainment will hire and instruct personnel to train and safely handle animals in any venue or circumstance. Animal care personnel and their technology will be available as a resource to be utilized to help improve and enhance the overall health and well being of animals in Feld Entertainment's collection.

SHOWS: We believe that the dignified presentation of animals in shows, classrooms, and at special events provides a unique opportunity to convey and instill an abiding respect for nature. Highlighting the diverse adaptations and abilities of animals in an entertaining fashion has an immense educational value. Consequently, animal presentations will strive to foster a greater awareness of the significance and beauty of each creature within the context of its own ecosystem. Animal presentations will not compromise animal safety or integrity solely for the purpose of entertainment. The educational content of animal presentations will be factual, based on current scientific knowledge and recognized community standards, and will help to foster a greater awareness of our common obligation to ensure that the earth's life-sustaining ecology survives intact for future generations. Our shows will present an interesting array of diverse animal species, including endangered species, which by virtue of their inclusion does not jeopardize their breeding potential. Shows will highlight Feld Entertainment's conservation and animal management programs.

FACILITIES: Feld Entertainment will provide the resources for the comfort and security of all animals in their housing, performance areas, transportation, and presentation to groups, including maintenance of facilities and procedures that will meet the animals' physical and psychological needs.

1. ANIMAL TRAINING AND CARE

1.1. General Provisions

1.1.1. Feld Entertainment recognizes animal training as an application of behavioral science that: (1) provides a means to observe, assess, and enrich an animal's physical and psychological health; (2) assists the animal care staff in providing safe and expedient methods for preventive and clinical medical procedures; (3) integrates exhibition within husbandry regimes; and (4) facilitates education and research objectives.

1.2. Definitions

1.2.1. Animal Training is the deliberate application of learning principles, operant conditioning and classical conditioning to modify an animal's behavior in order to facilitate husbandry, exhibition, and research.

1.2.2. Experienced Qualified Trainer is defined as a supervisory level trainer who manages or supervises a staff with the training, husbandry, and/or management of animals. This individual will have actively participated in the training and husbandry of animals for a total of at least five (5) years accumulated over a period no longer than eight (8) years prior to employment, or a similar equivalent.

1.2.3. Animal Training Program is a defined and managed functional activity that is comprised of animals, equipment, and personnel who are responsible for developing and administering animal training plans to meet the company's goals and objectives.

1.3. Standards and Guidelines

1.3.1. Feld Entertainment endorses and promotes safe, humane, and progressive animal training. The company's animal training programs will be consistent with the current scientifically recognized principles and will reflect the methods advocated by the leading professional training organizations, such as the Animal Behavior Management Alliance, the International Marine Animal Trainers Association, the Elephant Managers Association, and others. Staff will develop and implement training protocols and procedures based on operant, classical, and/or other *bona fide* and validated conditioning paradigms.

1.3.2. Feld Entertainment will maintain a behavior development and management plan describing the animal training program and its objectives, methods of accomplishment, and success criteria. It will address training oversight, standard and emergency procedures, and record keeping.

1.3.3. Feld Entertainment will provide for an animal care staff that is appropriately sized and qualified to meet program requirements.

1.3.4. The animal care staff will be under the direction of an experienced, qualified trainer. The size of the staff will be based on the numbers and species of animals, husbandry and training requirements, and the physical facility. Animal care responsibilities will be clearly defined and the positions described by proficiency requirements. The company will have and support a program for personnel development.

1.3.5. Feld Entertainment and its animal care staff will actively participate in animal training exchange activities in order to enhance our own programs and to contribute to the collective knowledge of the animal care community, thereby advancing the science of animal husbandry and training. This will be accomplished, in part, through memberships in professional organizations, animal trainer exchange programs, internships and preceptorships, subscriptions and submissions to professional journals, and other similar activities.

2. HUSBANDRY

2.1. General Provisions

2.1.1. Feld Entertainment recognizes that every animal species is unique and thus requires a thorough husbandry program. The following husbandry standards and guidelines have been developed using the best available research and cumulative experience available.

2.2. Standards and Guidelines for Food/Nutrition

2.2.1. All animals must be provided with a high quality diet consisting of enough food types to allow adequate flexibility to account for variation in food availability and animal preference.

- Nutritional adjustments will be made for:
 - a. growth
 - b. maintenance
 - c. gestation/lactation
 - d. minimum diet
 - e. activity level
 - f. ambient temperatures

- Weight guidelines will be established in optimum ranges for each animal.

2.2.2. Food analyses must be performed on a routine basis and be subjected to expert quality control.

- Minimum analyses will include analyses of complete ration and, where appropriate, will include individual nutrient dietary items.

- Food should be stored at temperatures and for maximum durations appropriate for each food type so as to minimize deterioration. Frozen foods will not be stored at temperatures higher than 0° F.

- Short-term storage programs, thawing procedures, and food preparation processes will be designed to prevent loss of nutrients and bacterial contamination.

2.2.3. Vitamin and mineral supplementation, when appropriate, will be individualized for each animal.

2.2.4. Routine and appropriate procedures for the cleaning, disinfection, and sanitation of food preparation equipment and facilities will be established and maintained.

- Programs will be instituted that prevent the bacterial contamination of feed containers and food preparation surfaces.
- All personnel will practice appropriate personal hygiene.
- Pools of standing water, rusty surfaces, and decaying organic material will not be present in areas accessible to animals.

2.3. Standards and Guidelines for Veterinary-Medical Programs

2.3.1. Feld Entertainment will have in place a comprehensive program for veterinary medical care that is integrated with husbandry, research, and management functions.

2.3.2. Feld Entertainment will have a qualified attending veterinarian who oversees a program of preventive medicine and clinical care, and who supports all other programs to assure the overall health and well being of the animals in the company's care.

- The qualified attending veterinarian will have:
 - a. graduated from an accredited veterinary college
 - b. a license to practice veterinary medicine
 - c. a minimum of two years experience in veterinary medicine within the last five years (or work under the direction of a recognized exotic animal veterinarian)
- Feld Entertainment will abide by all state laws governing veterinary practice.

2.3.3. Feld Entertainment will have a program of ongoing health assessment.

- The animal health assessment program will include:
 - a. regular veterinary rounds
 - b. daily monitoring by husbandry staff of each animal's physical appearance, activity, temperament, and/or changes in behavior
 - c. a procedure for recording and communicating health status issues between husbandry and veterinary staffs (see **Record Keeping**)

2.3.4. Complete physical examinations will be performed at regular intervals on every animal in our collection.

- Physical examinations will include:
 - a. determination of weight change
 - b. comparison of food intake and body weight

- c. blood sampling for hematology, chemistry, and appropriate hormonal analyses
- d. vaccinations
- e. other laboratory tests as needed

2.3.5. Normal physiological values and serum banks for retrospective studies, where appropriate, will be established for each animal in our collection.

2.3.6. Parasite screening and treatment will be conducted where indicated by the attending veterinarian for each animal in our collection.

2.3.7. A program of facility design and maintenance to monitor and prevent animal injury will be implemented.

2.3.8. Complete and up-to-date medical records will be maintained in compliance with **Record Keeping** standards.

2.3.9. Feld Entertainment will have a quarantine program to prevent the introduction of infectious disease in compliance with **Quarantine** standards.

2.3.10. Feld Entertainment will implement a program of employee health and sanitation.

2.4. Standards and Guidelines for Clinical Medicine

2.4.1. Feld Entertainment will have a program of clinical medicine that includes a protocol for communication between care-giving staff, a protocol for treatment regimen, and a protocol for emergency medical procedures, all administered by the attending veterinarian.

2.4.2. Feld Entertainment will maintain a health care program in keeping with regulatory requirements, including reporting as required.

2.4.3. Feld Entertainment will develop a protocol for maintaining an inventory of pharmaceuticals and medical equipment, and a protocol for maintaining and reporting controlled substances as required by regulatory agencies.

2.4.4. Feld Entertainment will establish a protocol for disinfection and maintenance of animal handling equipment and areas.

3. RECORD KEEPING

3.1. General Provisions

3.1.1. While various federal and local laws or regulations require certain record maintenance, Feld Entertainment independently recognizes the need to maintain standardized, comprehensive, and accurate records concerning the humane and healthful care of the animals in our collection. Maintenance of up-to-date records will (1) assist the company in providing the most current appropriate care for our animals, (2) enable our staff to share their collective knowledge about health and behavioral concerns, and (3) facilitate reproduction programs through accurate recording of activities and with appropriate separation through studbooks of related animals. Feld Entertainment will maintain the data enumerated below, although it is recognized that staff may collect and maintain more or less data, where appropriate, based on individual circumstances and needs.

3.2. Standards and Guidelines for Record Keeping

3.2.1. Accession and deaccession records will include: date and location of acquisition; method of acquisition (e.g., captive birth, transfer, loan, purchase, temporary holding, etcetera); sex; genus and species; progeny; identification (e.g., genus, species, id#, name); date and location of disposition; method of disposition; applicable information supplied to studbook; and health profile.

3.2.2. Food and nutrition records will include: type and/or species of food, caloric value, analysis, freezer rotation, dates on food packets, freezer temperature.

3.2.3. Health and medical records will include information that is adequate to document adherence to our preventative medical program. It will furthermore provide adequate information to document health problems and treatments in individual animals.

- Health and medical records will always remain with the individual animal. Duplicate records will be kept in compliance with the **Safety of Records** section.

3.2.4. Environmental quality records, where required and/or appropriate, will include: ambient temperature, test parameters for water quality, tests for added chemicals, bacterial culture test results, facility maintenance log.

3.2.5. Daily records will include: behavioral observations, anomalies and patterns, outside factors, types and quantities of food consumed, amount and type of interactions.

3.2.6. Cooperative propagation programs will include: breeding loan agreements, genetic and demographic records, genus and species, sex, age, progeny.

3.2.7. Facility descriptions will include: enclosure sizes and location, photographs, emergency protocol (pre-, during, and post-emergency).

3.3. Safety of Records

3.3.1. Records will be protected from fire, flooding, and other natural or human-created disasters.

3.3.2. Duplicate records, as appropriate, will be kept in either a separate location or in a fireproof case.

3.3.3. A document retention program, as required by local, state, and/or federal law or regulation, will be implemented detailing which documents are required and how long each document must be kept.

4. EDUCATION

Preamble: Education is an integral and important component of the overall operations of Feld Entertainment's animal care program. The value of education programs is recognized by company leadership, as well as by legislative and regulatory authority. Feld Entertainment's numerous productions are a primary source of educational programming regarding many species for the American public. Recognizing this responsibility and opportunity to teach the public about animal species, Feld Entertainment has established standards for the educational content of our productions. We recognize that the many differences between venues, location, numbers of animals, species exhibited, and audience demographics necessitates creative individual strategies and varied educational presentations and programs. Nevertheless, these strategies and programs provide an effective means of fulfilling the goal of educating the public about animals and the biosystems they inhabit.

4.1. General Provisions

4.1.1. Education is the dynamic process of becoming aware, gaining knowledge, expanding understanding, constructing meaning, and developing the skills to use actively that which has been learned. Throughout Feld Entertainment's productions, education about animals encompasses such things as displays, presentations, shows, and a wide variety of other education and recreational programs, all designed to promote the learning process of our patrons, as well as to those who do not attend our shows.

4.1.2. The overall objective of Feld Entertainment's educational programming is to enhance appreciation for and understanding of animals and their biosystems. An informed public is more likely to support research, propagation, and conservation of the world's animal populations and their habitat.

4.2. Standards and Guidelines for Education

4.2.1. Education programs about animals will promote an improved understanding of and an appreciation for the species and their biosystems.

- In addition to direct observation of animals, a variety of other techniques and stimuli will be used to communicate educational messages effectively. These methods include, but are not limited to, the following:
 - a. audio-visual materials
 - b. community outreach
 - c. formal education programs
 - d. guided tours
 - e. instructional guides/curriculum
 - f. interactive exhibits/programs

- g. interpretive graphics
- h. narration at exhibits
- i. off-site education programs
- j. public presentations
- k. public shows
- l. recreation programs
- m. special needs programs (e.g., disabled individuals, senior citizens)
- n. species identification labels
- o. teacher training
- p. Animal Control Officer training
- q. written materials/publications
- r. Internet sites/electronic information

4.2.2. Education programs about animals will offer multiple levels of learning opportunities for our patrons to expand their knowledge.

- “Multiple levels of learning opportunities” refers to providing educational information to patrons who have differing levels of knowledge and interest. For example, basic introductory programming might offer viewing of animals, species identification, and/or a show or presentation. More advanced programming might include formal education programs, guided tours, and/or written or audio-visual material designed to meet the needs of individuals who wish additional information.

4.2.3. Education programs about animals will present information about species, their biosystems, and conservation needs that is based upon the best current scientific knowledge.

- “The best current scientific knowledge” refers to information based on the growing body of scientific research about animal science and the basic knowledge that is professionally recognized by relevant disciplines, such as biology, physiology, anatomy, conservation, veterinary medicine, and/or animal behavior science.

4.2.4. A qualified individual will be designated and responsible for the development and administration of animal education programs.

- “Qualified” refers to having (at a minimum) a bachelor’s degree, education experience, administrative skills, and a fundamental knowledge and understanding of animals.

4.2.5. Education programs about animals will include a written educational plan consisting of a mission statement, goals, and an evaluation strategy.

- The plan will reflect current production programs. Evaluations are intended for internal program review, and each production will have discretion in determining the methods used and the scope and frequency of the evaluations.

4.2.6. Education programs about animals will include availability of company experts as a resource to professional groups and the education community when appropriate and practicable.

- Feld Entertainment employs and collaborates with many highly knowledgeable and experienced animal experts, such as animal behaviorists, veterinarians, research scientists, trainers, conservations specialists, and others. When appropriate and practicable, Feld Entertainment will encourage and facilitate opportunities for these specialists to serve as animal science resources and share their expertise with interested professional groups and the education community.

4.2.7. Feld Entertainment shall encourage active, ongoing collaborative partnerships with accredited institutions of higher learning, local and national governmental agencies, museums and science centers, conservation organizations, and other organizations and individuals that can contribute to the company's educational dimension.

5. SCIENTIFIC RESEARCH

5.1. General Provisions

5.1.1. Recognizing the need for information to conserve species, habitats, and biodiversity, and to improve husbandry, Feld Entertainment promotes and conducts scientific research with a variety of animal species. The resulting information from these efforts benefits the survival and understanding of animals in their native habitats, as well as specimens in other collections. Feld Entertainment recognizes the need to facilitate coordinated research and to communicate the research results. Feld Entertainment is committed to continuing active research programs, both *in situ* and *ex situ*, and to promulgating research results through participation at scientific meetings and publication in peer-reviewed scientific journals.

5.2. Standards and Guidelines for Scientific Research

5.2.1. Feld Entertainment will develop research policies that take into account, at a minimum, the availability of animals for research, the needs of the animals, the availability of staff, the validity of the research, and the availability of funding for research.

5.2.2. Feld Entertainment will establish an institutional research and/or animal care and use committee.

5.2.3. Feld Entertainment will annually publish a bibliography of published research results.

5.2.4. Feld Entertainment will encourage and support, through direct contributions or in-kind donations, research and conservation projects both *in situ* and *ex situ*. Institutional support will be guided by the priorities set by the institutional research and/or animal care and use committee.

5.2.5. Feld Entertainment will promote species survival plans to sustain the biological diversity of the animal kingdom and will prioritize research needs that augment the efforts of international studbook and breeding management programs.

6. PROPAGATION

6.1. General Provisions

6.1.1. Feld Entertainment is committed to the goal of increasing the contribution of captive breeding to the worldwide conservation of species. The continued development and improvement of current propagation techniques by Feld Entertainment will substantially benefit these efforts. It will also benefit rare and endangered species whose populations are increasingly threatened by diminishing habitat and other anthropogenic factors.

6.2. Standards and Guidelines for Propagation

6.2.1. Feld Entertainment will contribute to a better understanding of reproductive biology and physiology by developing and/or refining techniques that can be applied to rare and endangered species.

6.2.2. Feld Entertainment will prioritize, through strategic planning, the selection of species for reproductive management based upon biological, demographic, and conservation needs.

6.2.3. Feld Entertainment will optimize the genetic diversity within the managed populations in its collections.

6.2.4. Feld Entertainment will work, where appropriate, to maintain North American managed populations of sufficient size to serve present and future needs for conservation, education, recreation, and potential reintroduction of genetic material into natural populations should the need arise in the future.

- Feld Entertainment will participate, where appropriate, in regional and/or international studbook and breeding management programs under the auspices of the International Elephant Foundation, the American Zoo and Aquarium Association, or other similar organizations.

6.2.5. Feld Entertainment will maintain a comprehensive propagation plan maximizing the potential for success.

- Feld personnel will possess, or have access to, expertise concerning reproduction specific to the species being bred.
- Prior to parturition, provision will be made for separating, where appropriate, pregnant females from other animals.

- Feld Entertainment will provide maternity areas that are of a size and configuration to facilitate nursing and infant rearing.
- Feld Entertainment will have a plan in place to monitor parturition and infant rearing.
- Consideration will always be given to the daily activity level of pregnant and nursing females.
- Breeding programs will always consider the reproductive and physical conditions of participating animals.
- Breeding, pre-parturient, and lactating animals will be maintained in social environments encouraging successful rearing of offspring.
- Contingency plans will be developed, protocols recorded, and resources for implementation will be in place for emergency intervention before, during, and after parturition, unexpected pregnancies, weaning, illness, and pathological examination of mortalities.
- Consideration will always be given to species-specific needs.

7. QUARANTINE PROCEDURES

7.1. General Provisions

7.1.1. Feld Entertainment will have a quarantine program for new animal arrivals at each of its venues or permanent sites. A facility will be available that can provide for the quarantine of newly acquired animals in such a manner as to prohibit cross contamination resulting from physical contact, fomite transmission, aerosol spread, waste drainage, or reuse of untreated water. If any Feld location does not have appropriate quarantine facilities, as determined by the attending veterinarian, arrangements will be made for quarantine at an alternate site that does have such facilities, or they will receive only animals that do not require quarantine.

7.2. Conditions Indicating Use of Quarantine

7.2.1. Quarantine practices will be instituted based on the prior medical history of any newly arriving animal. Those situations where quarantine is recommended at the recommendation of the attending veterinarian will have one or more of the following characteristics: recently exposed to a newly collected animal (within 30 days of arrival), poorly documented medical history, known exposure to an infected animal (within 30 days of arrival or dependent upon the infection), apparent medical problems at the time of arrival, at the direction of the attending veterinarian.

7.3. Standards and Guidelines for Quarantine

7.3.1. Quarantine for all species will be under the supervision of a veterinarian and will consist of a minimum of thirty (30) days unless otherwise directed by the attending veterinarian. If during the 30-day quarantine period additional animals are introduced into the quarantine facility, the 30-day period will begin again for all animals already in quarantine and exposed to the new arrivals.

7.3.2. Attendants will be designated to care only for quarantined animals, or will attend quarantined animals only after fulfilling their responsibilities for the resident species.

- Attendants provided with quarantine clothing and washing facilities designed to prevent fomite transmission may be allowed to attend to non-quarantine animals after working with quarantine individuals if approved by the attending veterinarian.

7.3.3. Equipment used to feed and clean animals in quarantine will be used only with these animals, or shall be thoroughly cleaned and disinfected, as designated by the attending veterinarian, before use with post-quarantine animals.

7.3.4. Feld Entertainment will ensure that all precautions are taken to minimize the risk of exposure of animal care personnel to zoonotic diseases that may be present in newly acquired animals if the attending veterinarian deems that zoonotic risk exists.

- These precautions may include the use of disinfectant footbaths, wearing of appropriate protective clothing, and minimizing physical contact.

7.3.5. A complete physical examination as defined by the attending veterinarian will be performed during the entrance into, and prior to exit from, quarantine.

- During this period certain prophylactic measures will be instituted. Individual fecal samples will be collected and examined for gastrointestinal parasites. Anthelmintic treatment will be prescribed by the attending veterinarian. Successful parasiticide therapy may or may not be necessary prior to removal of the animal from quarantine. This determination will be made by the attending veterinarian based on the potential for contagion. Where indicated, quarantine animals will be evaluated and treated for ectoparasites.
- In those species for which vaccines are available and recommended, vaccinations will be updated as appropriate for each species. If an animal arrives without a vaccination history, it will be treated as an immunologically naïve animal and given an appropriate series of vaccinations.
- Whenever possible, blood will be collected and sera banked. Either a -70° C freezer or a -20° freezer that is not frost free will be available to save sera. Such sera can provide an important resource for retrospective disease evaluation.

7.3.6. Complete medical records, including necropsy reports as required, will be kept for all quarantined animals.

7.4. Diagnostic Procedures

7.4.1. As part of the process of evaluating animal health during quarantine, Feld Entertainment will use the following diagnostic procedures as appropriate given the species.

- a. direct fecal exam
- b. CBC/serum chemistry panel
- c. physical examination
- d. urinalysis
- e. stool culture and cytology
- f. TB testing
- g. heart worm test
- h. morbillivirus titer
- i. leptospira titer
- j. flotation fecal exam

8. TRANSPORTATION

8.1. General Provisions

8.1.1. Feld Entertainment will provide transportation for our animals that is safe and humane, and places their health and well being first. **Transportation** is defined as being the vehicular movement of animals, the duration of which is greater than two (2) hours. Feld Entertainment will transport our animals based on the following standards and guidelines. Exception may be made for animals requiring transport for medical or emergency reasons.

8.2. Standards and Guidelines for Animal Transport

8.2.1. The health of each animal will be assessed by a licensed veterinarian or veterinary technician prior to any transport. The health assessment will include the evaluation of behavioral, feeding, and medical records.

8.2.2. A plan of transport, including emergency contingencies, will be in place.

8.2.3. Animals will be monitored throughout the transport to ensure their health, well being, and physical comfort.

- A licensed veterinarian or veterinary technician will supervise all animal transports.
- A qualified attendant, experienced in handling the species being transported, will oversee the loading, unloading, and actual transport of the animals.
- The animals will be properly secured in the transport vehicles, and food and water will be provided as appropriate.

8.2.4. Feld Entertainment will comply with all applicable federal, state, and local laws and regulations governing the intrastate and interstate transport of animals.

9. HOUSING

9.1. General Provisions

9.1.1. Feld Entertainment is committed to ensuring that suitable housing is provided for all the animals in our care at all of our locations. We recognize, however, that animals live in a three-dimensional environment that is often difficult to describe and standardize in quantitative terms. Each species differs in length, weight, body form, and behavior, and many are highly adaptable to a variety of physical environments both in the wild and in human care. We also recognize that, more often than not, animal housing and exhibitry are designed more to meet the need of the public than it is to meet the needs of the individual animal. Regardless, Feld Entertainment will house all our animals in appropriate structures that will provide shelter for each animal from heat, cold, and the elements; will not unnecessarily restrict its movements; and will ensure protection from conspecifics and other animals.

9.1.2. This document uses United States Department of Agriculture [Animal and Plant Health Inspection Service] regulations 9 CFR Ch. 1 (1-1-95 Edition) as reference. All animal housing provided by Feld Entertainment will meet or exceed the standards as defined by these regulations.

10. ACCESSION AND DEACCESSION OF ANIMALS

10.1. General Provisions

10.1.1. The accession and deaccession of any animal by Feld Entertainment will be conducted under consistent and humane policies that maximize the educational, research, and conservation potential of the species. Living animals require a substantial commitment of resources and cannot be managed based on short-term interests. The public also has an important emotional interest in living things that must be recognized. Furthermore, living animals have intrinsic needs both as individuals and as members of species. These are of primary concern to the management of the animals in our collection.

10.2. Standards and Guidelines for Accession

10.2.1. Feld Entertainment will only acquire or accept animals for lawful and ethical purposes.

- Each animal will be acquired for purposes consistent with the company's mission, programs, and activities.
- Prior to acquiring any animal, Feld Entertainment will be capable of providing the proper care and management necessary to ensure the animal's physical and psychological health.
- Feld Entertainment will acquire animals in a manner consistent with humane practices and applicable government law.

10.2.2. Feld Entertainment, or a contractual partner, will obtain free and clear title to all animals acquired for our collection and will strictly observe any restrictions or limitations, such as those received under special permits or breeding arrangements, or other conditions of the acquisition agreement.

- Feld Entertainment will maintain accession records adequate to track and identify each animal in our collection.
- Feld Entertainment may acquire animals on a temporary basis for purposes of rendering humane care, holding animals for government agencies, or providing special assistance to individuals of endangered species.
- Feld Entertainment will have adequate resources for the care and management of species temporarily housed at any of our facilities.

- Temporary maintenance of individuals will not have an adverse impact upon our ability to provide for the proper care and management of our permanent collection.

10.3. Standards and Guidelines for Deaccession

10.3.1. Feld Entertainment will sell, loan, or otherwise transfer animals only for lawful and ethical purposes.

- Feld Entertainment will not sell or otherwise transfer animals to any business or entity intending to use said animals to be hunted, nor to any second party who is known to deal with such business or entity.
- Prior to selling, loaning, or otherwise transferring any animal to another party, Feld Entertainment will ascertain to the best of its ability that said party is able and willing to provide for the proper care and management of the animal(s).
- Feld Entertainment will deaccess all animals in a manner consistent with humane practices and applicable government law.

10.3.2. Any animal in the collection of Feld Entertainment that dies will receive a post-mortem examination as determined by the attending veterinarian, with a permanent record generated indicating the disposition and/or results of the necropsy.

10.3.3. Euthanasia – Euthanasia is defined by the American Veterinary Medical Association (AVMA) as *the act of inducing painless death, specifically painlessness for the animal being subjected to euthanasia*. The dignified, humane treatment of the animal is the paramount consideration expressed in this statement.

- Euthanasia is an accepted and responsible animal care procedure for the following medical reasons:
 - a. animals that do not respond to veterinary treatment
 - b. animals that have no reasonable expectation of recovery
 - c. animals with genetic or congenital defects
 - d. animals with severe injury and with no reasonable expectation of recovery
 - e. animals with contagious diseases that pose a threat to others
 - f. animals with age-related problems that cause pain and discomfort and have no reasonable expectation of recovery
 - g. animals that are a hazard to themselves

10.3.4. The method of euthanasia utilized is at the discretion of the attending veterinarian. The method used shall be one recognized by USDA and AVMA as humane.

10.3.5. With regard to the disposition of collection animal carcasses, the American Zoo and Aquarium Association (AZA) recommends that: *Where possible, maximum utilization should be made of the remains of animals that die in zoological parks and aquariums. Priority should be given to uses (such as pathology) which may enhance the institution's ability to care for the species. Second priority should be given to placing the dead specimen in a museum collection, or for use in the institution's educational programs or exhibits. Legal restrictions upon the disposition of dead animals or their parts must be scrupulously observed. Where possible, consideration may be afforded to the special needs of researchers whose projects have been approved by the institution's professional staff. Dead specimens not disposed of by any of the above mentioned methods should be destroyed by incineration or disposed of as deemed suitable by the professional staff.* (August 1991). Feld Entertainment endorses this recommendation. We believe that the best interest of specimens or of that species must be foremost at all times. Once an animal has died, the order of consideration for the disposition of its remains is as follows:

- **Pathology** – What can be learned from the animal's tissues that will help us better manage the species in the future?
- **Museums** – In the case where a rare animal dies, would the preservation of the specimen in a static display or for future zoological study be the highest and best use of the animal's remains?
- **Education Programs** – As an ambassador for its living and wild counterparts, is use in an educational program the animal's final contribution?
- **Research Projects** – Besides pathology, are there other legitimate research uses for the animal's remains that will enhance the body of scientific knowledge regarding this or other similar species?
- **Incineration or Burial**

10.3.6. Many of the animals owned by Feld Entertainment are representatives of endangered, threatened, and/or protected species. The possession of such animals is clearly regulated by statute and, thus, any disposition (including that of skin, ivory, claws, teeth, tissue, fluids, and other body parts) must conform to all applicable federal, state, and local laws and regulations.

