



DERBIANUS
GAME BREEDERS

Portion 21
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STANDARDS FOR QUARANTINE FACILITY FOR GAME OF DERBIANUS GAME BREEDERS AT PORTION 21 OF THE FARM RHENOSTERHOEKSPRUIT, MABULA, BELA-BELA DISTRICT, LIMPOPO PROVINCE, SOUTH AFRICA

1. THE SITE

A site of approximately 25 hectares has been identified where the quarantine facility is currently being erected. A sketch plan of the anticipated facility is attached hereto reflecting:

- The exterior perimeter fence with 1 gate leading into the facility;
- A 10 meter sterile environment separating the interior of the quarantine facility from any other animals on the farm;
- The individual camps ranging between 0.5 and 5 hectares;
- The store room facilities and the veterinary office;
- Small bomas where injured animals (if any) will be held.
- On the Western boundary 9 individual camps of approximately 1 hectares each where between 4 and 8 animals will be kept depending on herd structure and sex ratios;
- On the Eastern boundary 12 individual camps of approximately 1.2 hectares each where between 4 to 8 animals will be kept depending on herd structure and sex ratios.

2. MINIMUM STRUCTURAL REQUIREMENTS

2.1 The site is suitably isolated.

2.2 The veterinary services will be able to apply official veterinary control in the area.

2.3 The facility will consist of an inner holding area, surrounded by an animal free zone and fenced in by an outer fence. These two fences will be at least 10 metres apart which will form the inner and exterior perimeter fences and appropriately electrified to prevent escape or uncontrolled introduction of any animals.

- 2.4 The facilities will be erected allowing proper landscaping and construction of drainage to prevent unnecessary accumulation of water, effective solid waste storage structures and effective covered drainage for removal of liquid waste.
- 2.5 The animal free zone between the two fences will be appropriately devegetated.
- 2.6 All fencing will be at least 2.4 meters high game fencing covered with knittex sail to prevent the animals from seeing through the individual camps to curb any potential stress in the interest of good animal welfare.
- 2.7 Each individual camp will be supplied with appropriate water and feeding facilities, providing for feeding in trays and feeding troughs to prevent animals eating directly from the soil where excrement will be present from time to time.
- 2.8 Only 1 gate will allow access to the facility which will be large enough to allow game capture trucks with trailers and tractors.
- 2.9 Loading, off-loading and vehicle disinfection facilities will be provided on the edge of the inner complex.
- 2.10 The exterior perimeter gate will be permanently manned and the entrance to the inner camp will be kept locked at all times when animals are in quarantine.
- 2.11 Only persons officially authorised by the state veterinarian will be allowed access to the premises.
- 2.12 A foot bath will be supplied at the inside of the gate of the inner fence for the disinfecting of boots and will be used whenever anyone moves in or out of the facility. Hand washing facilities will also be provided at this point.
- 2.13 A room with appropriate equipment next to the veterinary office on the inside of the gate of the inner fence will be constructed for boots, clothing and equipment together with showering facilities for the dedicated staff.
- 2.14 All handling facilities will be within the quarantine facility within the inner fence.
- 2.15 Sufficient water supply will be available inside the inner holding area to be supplied by gravity feed from two 10 000 liter tanks.
- 2.16 Draining of waste water from the facility will be contained on the inside of the quarantine facility in an appropriate constructed drainage system.
- 2.17 All offal, manure, urine and other excreta will remain within the quarantine area and will be disposed of as determined by the state veterinarian after quarantine has been completed.
- 2.18 Enough food will be kept in the specially constructed storeroom facilities inside the animal free zone to minimize movement in and out of the facility, bearing in mind rodent control in the store room facilities.

- 2.19 Sign boards will be erected on the outside of the gate and on the perimeter fence stipulating "QUARANTINE AREA – NO UNAUTHORISED ENTRY".
- 2.20 An office with appropriate facilities to deal with all administrative matters and where all records will be contained, sufficient for 3 veterinary surgeons (1 state veterinary surgeon and 2 private veterinary surgeons) and 2 assistants as well as appropriate showering and bathroom facilities will be erected.

3. MANAGEMENT REQUIREMENTS

- 3.1 Good cooperation and communication with the state veterinary services will be essential at all times.
- 3.2 The staff allocated to care for the animals during quarantine shall not be exposed to or come into contact with other game animals outside the quarantine camp and their only task will be the care of the animals during the whole period of quarantine.
- 3.3 Continuous telephonic contact will be available.
- 3.4 Before entry and after release of the animals the quarantine area and all equipment shall be cleaned and disinfected to the satisfaction of the state veterinarian.
- 3.5 Specific arrangements will be made with the state veterinarian relating to the delivery of the game into the quarantine facilities.
- 3.6 All animals in quarantine will, at the stage that they are introduced into the facility already be individually micro-chipped and ear-tagged to be easily recognizable for identification and management purposes.
- 3.7 The state veterinarian will immediately be notified if any abnormalities, disease symptoms or mortalities of whatever nature should occur.
- 3.8 Any diseased or dead animals will only be disposed of as directed by the state veterinarian.
- 3.9 Accurate records will be kept and maintained and made available to the state veterinarian when required.
- 3.10 The quarantine system will be an all-in all-out system.
- 3.11 Private veterinarians appointed by the owner will oversee all facilities for the duration of the quarantine and will attend to weekly inspections to ensure that all quarantine measures are strictly applied. The inspections and comments will be recorded in the quarantine register.
- 3.12 The private veterinarians will investigate all disease symptoms, illnesses and mortalities which will be recorded in the quarantine register.

- 3.13 No animal will be removed from the quarantine premises without the written permission from the state veterinarian in charge of the quarantine facility.
- 3.14 The Lord Derby Eland Veterinary Test Protocol appended to the import permit will be prominently displayed in the veterinary office and will be executed strictly at all times.
- 3.15 Water will be of satisfactory potable status.
- 3.16 Complete records will be kept and maintained, readily available for inspection relating to:
- Animals introduced;
 - Individual identification of animals;
 - Disease diagnosis;
 - Inspections visits;
 - Treatments provided;
 - Mortality;
 - Any calves born in quarantine.
- 3.17 Hygienic standards of premises and equipment will be maintained at all times.
- 3.18 Only approved chemicals will be utilized in the quarantine facilities.
- 3.19 Prominently displayed notice boards will advise all visitors to the quarantine facility to be aware of the quarantine restrictions and the necessity of compliance at all times.

4. **ADMINISTRATIVE**

- 4.1 The owner undertakes to comply with the following control measures:
- 4.1.1 That a quarantine register will be kept containing:
- Date of introduction of animals
 - Individual identification of animals by micro-chip and ear-tag
 - State of health of individual animals on arrival at the quarantine facility
 - Internal and external parasite treatment provided
 - Date of samples taken and results
 - Inspection visits and comments by private veterinarians
 - Inspection visits and comments by state veterinarians
- 4.1.2 To maintain bio-security and to display appropriate warning signs to the satisfaction of the state veterinarian.
- 4.1.3 To immediately notify both the state- and private veterinarians of any suspected diseases and of any mortalities.
- 4.1.4 To allow the state veterinarian to inspect the quarantine facility at all reasonable times to ascertain the standards of management and record keeping.
