

CRITERIA FOR HIGH SECURITY QUARANTINE FACILITIES

A high security quarantine facility would be required when:

- importing animals from countries that we have insufficient knowledge or confidence pertaining to their veterinary infrastructure, surveillance or diagnostic capabilities
- importing animals of species with which we have minimal experience or a lack of confidence in the performance of diagnostic tests

Location / Environment

- if located in Canada must be a level 3 animal facility with hepa filtration of exhausted air
- alternately, quarantine facility must be located on a land mass distinctly separate from mainland Canada and must be without commercial livestock operations
- location must be isolated from other susceptible species of animals (according to hazard list from risk assessment and host range as documented in hazard list for species) unless exhausted air is adequately filtered for disease agents
- all untreated drainage and effluent should be prevented from coming into contact with any animals and from contaminating waterways

Building / Facility Specifications

fencing

- the site must be fenced to prevent the approach of wildlife, stray livestock and unauthorized persons and contain the quarantined animals should they escape from the building
- the height of the fence should take into consideration the species of wildlife in the surrounding area and the time of year (eg. snowfall)
- rodent control, fly and other vector controls acceptable to CFIA must be exercised

feed / water / bedding

- the building must have a source of clean water, adequate for the consumption of the animals to be quarantined and any necessary cleaning and disinfection
- water must be suitable for human consumption
- feed and bedding must be stored inside a building within the perimeter fence
- bedding, feed and water must not be exposed to migratory birds
- there must be sufficient space available to store all feed and bedding required for the entire quarantine period
- if other than North American, the country of origin of the feed must be pre-approved by CFIA

waste handling / disposal

- manure, urine and used bedding must be held under the same quarantine conditions as the animals
- once the animals have successfully completed the quarantine, the manure may be disposed of in a manner acceptable to the supervising veterinary authority
- carcasses of animals that die during the quarantine must be disposed of by a method approved by the supervising veterinary authority
- disposal plans must be available and approved prior to the start of the quarantine, including a nearby site adequate for burial or incineration of the total number of animals housed in the quarantine
- waste materials that have been used for handling / treating or testing the animals must be disinfected eg. autoclaved or chemical disinfectant or destroyed eg. incinerated in a manner approved by the supervising veterinarian

building

- the building must be sound and in good repair
- the building must have the capacity to receive and house the total number of imported animals and any natural increases that may occur during the quarantine period (including eggs if relevant)
- facilities and equipment adequate for handling the species to be quarantined must be available
- there must be an isolation area or pen that can be used to segregate animals for observation, treatment or parturition
- a separate area for post mortems and the capabilities to store carcasses and or tissues for further examination or testing must be available
- prior to receiving the animals for quarantine, the facility must have been cleaned (no visible manure or organic debris) and disinfected in a manner approved by the supervising veterinary authority
- shower facilities must be available and appropriately located
- all equipment (including tractors) must be cleaned and disinfected prior to use at the quarantine facility. The equipment should remain dedicated to the facility for the entire quarantine period. Prior to removal from the quarantine premises, the equipment must be cleaned and disinfected to the satisfaction of the supervising veterinary authority.

Staff

- veterinary supervision is mandatory for the entire quarantine period
- the supervising veterinarian is to be either a CFIA veterinarian, a Canadian veterinarian designated by CFIA for these purposes or a veterinarian of the central veterinary service of the host country
- the attendants and veterinarians must have no contact with other susceptible species during the quarantine period
- shower in may be required if there is a concern with introduction of endemic diseases
- personnel entering the quarantine must removed street clothing and jewelry and change into dedicated facility clothing and boots
- disposable gloves must be worn when handling sick animals and hands must be washed after removing gloves
- shower out is required on exit (including hair, beards) and disinfection of eye glasses

Security

- the facility must have a controlled entry / exit point; 24 hour security should be maintained at the quarantine (electronic security may be incorporated)
- security officers would have to be trained individuals aware of biosecurity concerns
- the quarantine facility must have signage indication that there is a quarantine and no visitors are allowed
- visitors are strictly prohibited at all times

Animals

- the quarantine facility must be reserved in advance
- no other animals are permitted on the premises during the quarantine period
- mature males are to be kept separated from mature females to prevent breeding and to prevent injuries from aggressive behaviour
- breeding of or collection of germplasm from imported animals is prohibited during the quarantine period unless it is necessary for a required import testing procedure

Records

full records must be kept for each animal detailing the following:

- country of origin
- name and address of owner / importer
- date of entry and release
- clinical history during quarantine
- tests and treatments performed
- pens occupied during quarantine
- a log (including date and time) must be kept of all people entering the quarantine facility. Visits by the supervising veterinarians must be logged.

Cost

- the importer is responsible for the cost of the quarantine facilities, all necessary equipment, feed and bedding, attendant's wages, treatment, veterinary care and any testing or post mortem examinations that are required

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