

Site-specific Bio-security Plan

for

MAFOKO BROTHERS LOGISTICS

Prepared by:

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1. DETAILED DESCRIPTION OF PROPOSED PROJECT

Mafoko Brothers is proposing the construction of a piggery with capacity for 6 000 pigs (including weaners & sows) in total on Portion 5 of the farm Verlies 120 JO situated in Lichtenburg District within the Ditsobotla Local Municipality area. The need for a Basic Assessment is triggered by Listing 1; (ACTIVITY NO. 4) The development and related operation of facilities or infrastructure for the concentration of animals in densities that exceed (ii) 8 square meters per small stock unit and;a) more than 250 pigs per facility excluding piglets that are not yet weaned. (ACTIVITY NO. 27) The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation. Bucandi Environmental Solutions (Bucandi) was requested by Mafoko Brothers to conduct a Basic Assessment as part of the application for environmental authorisation.

2. OBJECTIVES OF BIO-SECURITY CONTROL

- a) To prevent diseases not occurring on the farm from entering the farm and those occurring on the farm from spreading to other farms.
- b) To reduce the risk of zoonotic diseases such as salmonella becoming established and to limit the occurrence and spread of diseases.
- c) To help protect neighbours, public health and the rural areas.
- d) To improve overall health, cut costs of disease treatment and reduce losses, which could improve the profitability of the farm.

3. MEASURES TO BE IMPLEMENTED FOR BIO-SECURITY CONTROL

- a) Strictly limit and control access to piggery.
 - b) Have pressure washers, brushes, water and an approved disinfectant available.
 - c) Clean and disinfect all vehicles thoroughly after each journey.
 - d) Regularly clean and disinfect all crates, containers and other equipment before and after use.
 - e) Keep farm access routes, parking areas, yards, areas around buildings and storage areas clean and tidy and well maintained.
 - f) Allow for appropriate stocking density and avoid overcrowding.
 - g) Houses should preferably face east.
 - h) Houses should be designed to protect the pigs against rodents, wild birds and adverse weather (rain).
 - i) The pig houses should be secured to prevent stock theft.
 - j) Pigs should be vaccinated using one of the following methods:
 - Eye-drop method
 - Spray method
 - Drinking water method
 - Injection method.
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