

Waste Management Plan

for

MOFOKO BROTHERS

Prepared by:

Bucandi Environmental Solutions



Project Manager: H len Prinsloo (*Pr.Sci.Nat.*) Reg. No. 400108/11 (SACNASP)

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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 WASTE MANAGEMENT**

Construction phase

- a) To prevent or minimise the contamination of the natural environment by pollutants from waste generated onsite.
- b) To prevent or minimise the contamination of the natural environment by pollutants from general and hazardous waste generated onsite.

Operational phase

- a) To prevent or minimise the impact of pathogens associated with condemned material.
- b) To prevent or minimise the contamination of the natural environment by wastewater generated throughout the process.
- c) To prevent or minimise the contamination of the natural environment by pollutants from hazardous production waste generated onsite.
- d) To prevent or minimise the contamination of the natural environment by pollutants from waste generated onsite.

## **3. MEASURES TO BE IMPLEMENTED FOR WASTE CONTROL**

Construction phase

- a) Waste will be recycled as far as possible.
- b) Non-recyclable waste will be sorted into different types and disposed of at a suitably licensed waste disposal facility.
- c) Waste considered unsuitable for municipal waste disposal sites will be disposed of at a suitably licensed hazardous waste disposal facility (e.g. WasteTech).

Operational phase

- a) Waste will be recycled as far as possible.
  - b) Non-recyclable waste will be sorted into different types and disposed of at a suitably licensed waste disposal facility.
  - c) Waste considered unsuitable for municipal waste disposal sites will be disposed of at a suitably licensed hazardous waste disposal facility (e.g. WasteTech).
  - d) Houses are sprayed with water every day to clean manure away. Manure is collected on an on-going basis in manure pipes that run underground to a central effluent sump that will be built and plastered with concrete and closed off completely from the environment. Manure will be sucked directly from this pit once a day into a manure tanker and sold to a contractor. It will also be used as fertilizer on the same farm.
  - e) Carcasses will be removed daily and collected by a contractor.
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