

Waste Management Plan

for

EB SCHULENBURG CC

Prepared by:

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## **1. DETAILED DESCRIPTION OF PROPOSED PROJECT**

EB Schulenburg CC is construction of 8 poultry houses on Portion 9 & 10 of Farm Hakboslaagte 77 IP, situated in Lichtenburg District within Ditsobotla Local Municipality area. The proposed project triggers a Basic Assessment for certain listed activities under Listing 1 of NEMA (National Environmental Management Act, 1998). Bucandi Environmental Solutions (Bucandi) was requested by EB Schulenburg CC to conduct a Basic Assessment as part of the application for environmental authorisation.

The activity will entail the construction of 8 environmentally controlled chicken broiler houses (135m x 15m each). Each house will have the capacity for 45 000 broilers. The entire site will be able to house up to 360 000 broiler chicks. The farm boundary is 129.47ha and the development site boundary is 59 661.59m<sup>2</sup>.

The project will entail the following:

- Earthworks and clearing of vegetation (agricultural lands) on the site for 8 poultry houses.
- Construction of 8 environmentally controlled chicken houses (135m x 15m) with capacity for 45 000 birds per house, totalling approximately 360 000 birds.
- A silo and water tank will be erected next to each house.
- Powerlines will be connected to each house from the current Eskom point.
- Pipelines will be connected to each house from the borehole at the existing farm infrastructure.

The site will be fenced off with a 1.8m high electric fence.

## **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.
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- 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) Manure will be removed after each cycle and will be used on the surrounding fields for fertiliser and will be collected by a contractor.
  - e) Carcasses will be removed daily and collected by a contractor.
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