

BASIC ASSESSMENT FOR THE PROPOSED DEVELOPMENT
OF A BROILER CHICKEN FACILITY FOR 120 000 BIRDS ON A
2.1 HECTARE PLOT ON FARM 79 ERICA STREET, BON
ACCORD AGRICULTURAL HOLDINGS, TSHWANE,
GAUTENG.

Prepared for

Mr Donald 7 Mrs Ascentia Mothapo Sole Proprietor

Prepared by

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INTRODUCTION TO THE PROPOSED PROJECT

Mr Donald & Mrs Ascentia Mothapo proposes to start a broiler chicken facility with the carrying capacity of 120 000 birds per cycle. Their proposed development is situated in Pretoria North on Farm 79 Erica Street, Bon Accord Agricultural Holdings, Pretoria, Gauteng (Co-ordinates: 25°37'09.7"S 28°13'06.2"E). The proposed broiler facility consists of 3 chicken houses that have a carrying capacity of 40 000 birds per house that will be built on 0.6 hectares within the 2.1 hectare agricultural holdings (Figure 1).

Current Infrastructure

2 x boreholes

1 x three phase Eskom transformer

Proposed Development Infrastructure

3 x Chicken Houses (40 000 carrying capacity each)



Figure 1: Locality map of proposed chicken broiler facility

The development triggers listed activities in terms of the Environmental Impact Assessment (EIA) Regulations, Government Regulations (GNR) 326 of 7 April 2017 promulgated under the National Environmental Management Act (NEMA) (Act no 107 of 1998). In terms of these Regulations, a Basic Assessment (BA) should be undertaken for the proposed project.

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SUMMARY OF THE BASIC ASSESSMENT PROCESS

In terms of the NEMA EIA Regulations published in GNR 324, 325 and 327 on the 7 April 2017, Government Gazette Number 40772, a BA process is required as the project triggers the following listed activities (detailed in Table 1 below). These listed activities require Environmental Authorisation under the competent authority, the Gauteng Department of Agriculture and Rural Development (GDARD).

Table 1: Listed activities to be triggered

Relevant government notice:	Activity No	Description of each listed activity as per the Government Notice:
GNR 327, 7 April 2017	5(ii)	The development and related operation of facilities or infrastructure for the concentration of: More than 5000 poultry per facility situated outside an urban area, excluding chicks younger than 20 days.
GNR 324, 7 April 2017	12(c)(i)	The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan: within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA within an area that has been identified as a critically endangered in the National Spatial Biodiversity Assessment 2004.

IMPACT ASSESSMENT

The proposed development was screened through the National Department of Environment, Forestry and Fisheries (DEFF) online environmental sensitivity screening tool. According to the screening tool, a number of specialist studies need to be undertaken, with the most important being the following:

1. Terrestrial Biodiversity Impact Assessment
2. Heritage Impact Assessment

Other specialist studies that were identified by the screening tool are:

1. Traffic Impact Assessment
2. Visual Impact Assessment
3. Aquatic Biodiversity Impact Assessment
4. Hydrology Assessment
5. Socio-Economic Assessment
6. Ambient Air Quality Impact Assessment

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Considering the size of the development the latter studies, the Environmental Assessment Practitioner (EAP) can motivate the exclusion of these studies in the assessment report with the approval of the competent authority, GDARD.

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