

Basic Assessment

For the development of a 5.5ha pig production facility and a 2.5 ha chicken broiler facility on Farm Rietvalei, Portion 1 & 6 near Delmas, Mpumalanga.



January 2016

CSIR reference number:

CSIR/CAS/EMS/IR/2016/0001/A

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Basic Assessment for the development of a 5.5ha pig production facility and a 2.5 ha chicken broiler facility on Farm Rietvalei, Portion 1 & 6, near Delmas, Mpumalanga.

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INTRODUCTION TO THE PROPOSED PROJECT

Mokate Estates (Pty) Ltd is proposing to establish a start-up enterprise comprising of a commercial pig production facility and chicken broiler near Delmas, Mpumalanga (**figure 1 below**). The start-up enterprise plans to build 5.5 ha pig production facility and a 2.5 ha chicken broiler facility on a 328 hectare farm. The start-up plans to produce pigs for slaughter in commercial quantities of 372 pigs per week and an initial 480 600 broiler chickens per cycle. The development triggers listed activities in terms of the Environmental Impact Assessment (EIA) Regulations, Government Regulations (GNR) 983 and 985 of December 2014 promulgated under the National Environmental Management Act (NEMA) (Act no 107 of 1998). The development also triggers listed activities in terms of the National Environmental Management: Waste Act (NEMWA) (Act no 59 of 2008). In terms of these Regulations, a Basic Assessment (BA) and an application for a Waste Management Licence should be undertaken for the proposed project. The Council for Scientific and Industrial Research (CSIR) is the Environmental Assessment Practitioner (EAP) who will be managing the process.

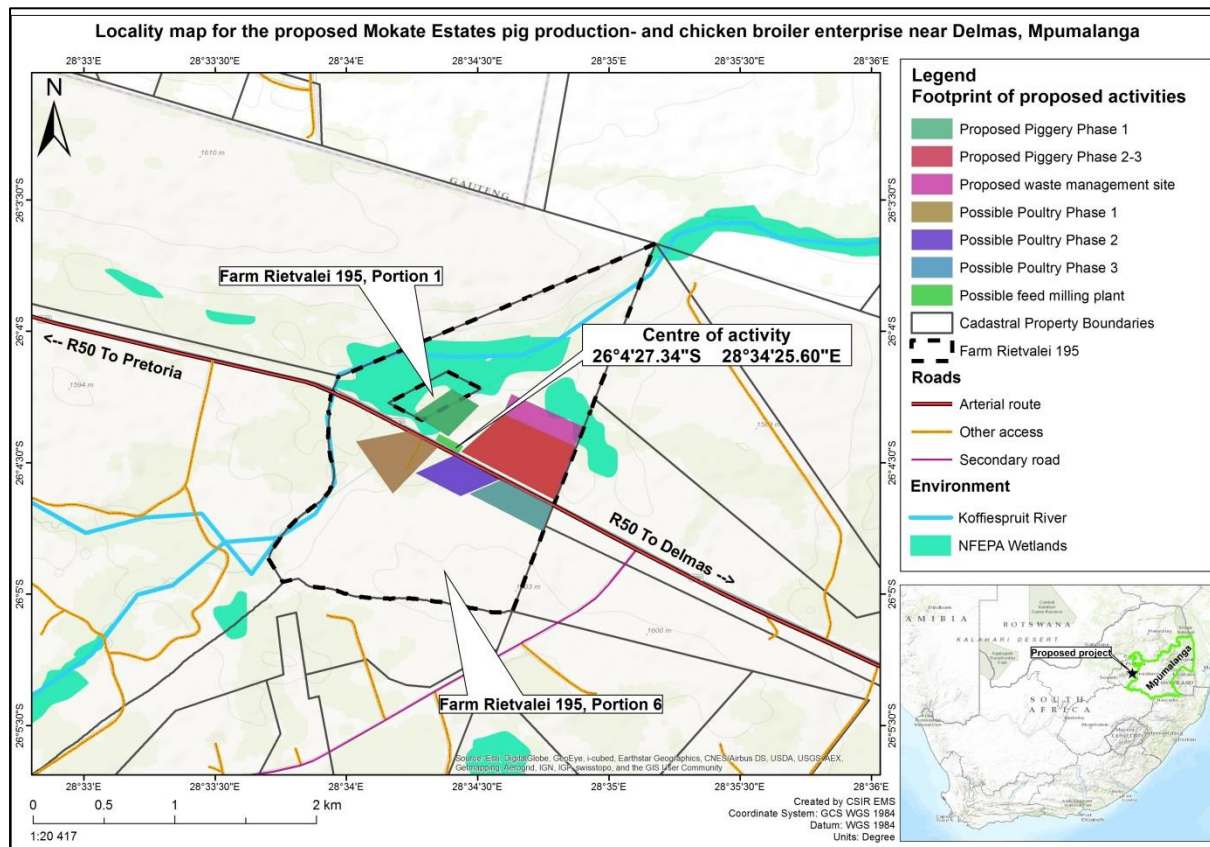


Figure 1. Locality map of the proposed Mokate Estate Piggery and Broiler Poultry facilities.

NEED AND JUSTIFICATION FOR THE PROJECT

There is a guaranteed market for pork and poultry meat in South Africa. The demand for pork meat has increased by 24% since 2007, while the domestic use of pork products has increased by almost 12% between 2010 and 2012. However the number of pigs produces has decreased by 14.41% from 2011 to 2012. The poultry industry plays an important role in both meat and egg production, the gross production value of the broiler industry being over R5 171 million per annum and contributes 16.2% of the gross value of agricultural production and the demand continues to increase. The demand for pork and poultry meat continues to escalate, which allows Mokate Estates to realistically gain substantial milestones in the domestic market.

In addition, Mokates Estates will initially provide full-time employment to 10 people from the surrounding local communities of Delmas in Mpumalanga, Kwa-Thema (Springs) and Daveyton (Benoni) in Gauteng, of which 7 will be women. In terms of capacity building, the employees will be trained in pig production and gain qualifications of NQF Level 1 and 2. They will also be given exposure in the fields of business, operations, finance, human resources and farm management. The enterprise could be a huge economic benefit to the viability of the pork and poultry industry in general and to the local community.

SUMMARY OF THE BASIC ASSESSMENT PROCESS

In terms of the NEMA EIA Regulations published in GNR 983, 984 and 985 on the 4 December 2014 Government Gazette Number 38282, a BA process is required as the project triggers the following listed activities (detailed in Table 1 below). In terms of NEMWA published on 29 November 2013 Government Gazette Number 37083

Table 1: Listed activities to be triggered

Relevant notice:	Activity No (s) (in terms of the relevant notice) :	Description of each listed activity as per the Government Notice:
GNR 983, 4 December 2014	4. (ii) b)	The development and related operations of facilities or infrastructure for the concentration of animals for the purpose of commercial production in densities that exceed 8 square meters per small stock unit and more than 250 pigs per facility excluding piglets that are not yet weaned.
GNR 983, 4 December 2014	5.(ii)	The development and related operations 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 985 , 4 December 2014	12. a)	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 maintenance management plan, in Mpumalanga.
GNR 921, 29 November 2013	Category A (12)	The construction of a facility for a waste management activity listed in

These listed activities require an environmental authorisation from Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (DARALEA). The BA process that will be undertaken for this project is summarised in the following steps below:

Step 1: Notify Authorities and potential I&APs (30 days) (current stage)

The first stage in the process entails notifying all potential I&APs of the proposed project, by sending out a Background Information Document (BID), and providing I&APs with an opportunity to register as an I&AP. I&APs are required to register their interest on the project database within 30 days (in order to be included from the outset of the BA process) and/or raise issues or concerns.

Step 2: BAR for Public Comment (30 days)

The BA process is undertaken in order to identify and assess potential environmental impacts, both positive and negative, that may be associated with the project. Mitigation and management measures will be identified to reduce potential negative impacts and maximise positive benefits. These mitigation and management measures will be included in the Environmental Management Programme (EMPr) for this project. The BAR will include comments received from all I&APs on this BID and findings of the specialist study. All registered I&APs on the project database will be notified in writing of the 30 day comment period for the BAR.

Step 3: BAR to be submitted to GDARD for decision-making

The BAR will be drafted and will be submitted to DARALEA for decision-making. The comments and issues raised will be included in the BAR submitted to DARALEA. All I&APs will be providing with written notification whether the project has been granted or refused EA and about the appeal process.

HOW TO GET INVOLVED

1. By responding to our invitation for your involvement as advertised in the local newspaper.
2. By mailing, emailing or faxing a comment form to the Environmental Assessment Practitioner indicated below.
3. By telephonically contacting the Environmental Assessment Practitioner if you have a query, comment, or require further project information.
4. By reviewing the various reports and provide comments within the stipulated comment periods provided (i.e. the BID and BAR).
5. By attending any meetings, which may be held during the review period.

WHO SHOULD YOU CONTACT?

To register as an I&AP or to comment on the project, please complete the Comment/Registration Form that has been included with this BID and kindly send to the Project Manager, **Ms. Rirhandzu Marivate** on or before **25 May 2016**:

Ms. Rirhandzu Marivate	
 Email:	rmarivate@csir.co.za
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