

# **CYCLE CITY (PTY) LTD. (TRADING AS CHUBBY CHICK ENTERPRISES)**

**PUBLIC NOTICE OF APPLICATION FOR  
ENVIRONMENTAL AUTHORISATION: CHUBBY  
CHICK RENDERING FACILITY: APPLICATION FOR  
ENVIRONMENTAL AUTHORISATION AND WASTE  
MANAGEMENT-, WATER USE- AND ATMOSPHERIC  
EMISSION- LICENSES (NWDEDECT EIA Ref:  
NWP/EIA/62/2013; DEA EIA Ref: 12/9/11/L1392/7;  
SMS Ref: FOU-POT-12-05-02)**

## **BACKGROUND INFORMATION DOCUMENT**

Notice is hereby given that an application for environmental authorisation in terms of the EIA Regulations of 2010 (Regulations in terms of Chapter 5 of the National Environmental Management Act of 1998, as amended) has been lodged with the North West Department of Economic Development, Environment, Conservation and Tourism. Notice is also given of a Waste Management License application in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), a Water Use License application in terms of Section 21 of the National Water Act, 1998 (Act No. 36 of 1998) and an Atmospheric Emission License application in terms of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004).

### **1 Legislation**

In accordance with the regulations published in R. 545 of 18 June 2010, in terms of section 24(2) and 24D of the National Environment Management Act, 1998 (Act No. 107 of 1998), the applicant is required to carry out a full Environmental Impact Assessment for the following activities:

**Application submitted to the North West Department of Economic Development,  
Environment, Conservation and Tourism**

**Listing notice 2, R. 545 of 18 June 2010, Activity No. 5:**

“The construction of facilities or infrastructure for any process or activity which requires a permit or license in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent and which is not identified in Notice No. 544 of 2010 or included in the list of waste management activities published in terms of section 19 and 20(b) of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case that Act will apply.”

**Listing notice 2, R. 545 of 18 June 2010, Activity No. 26:**

“Commencing of an activity, which requires an atmospheric emission license in terms of section 21 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), except where such commencement requires a basic assessment in terms of Notice of No. 544 of 2010.”

**Application for a Waste Management License submitted to the National Department of Environmental Affairs**

According to the repealed GN 718 of 3 July 2009 (National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) List of waste management activities that have, or are likely to have a detrimental effect on the environment), a waste management license was required for the following activities and these activities were included in the Waste Management License application form:

Relevant Notice	Activity Number	Description of the listed activity
GN 718 of 3 July 2009 (repealed)	Category A, No. 2	The storage including the temporary storage of hazardous waste at a facility that has the capacity to store in excess of 35m <sup>3</sup> of hazardous waste at any one time, excluding the storage of hazardous waste in lagoons.
GN 718 of 3 July 2009 (repealed)	Category B, No. 1	The storage including the temporary storage of hazardous waste in lagoons.
GN 718 of 3 July 2009 (repealed)	Category B, No. 2	The reuse and recycling of hazardous waste.
GN 718 of 3 July 2009 (repealed)	Category B, No. 3	The recovery of hazardous including the refining, utilisation or co-processing of waste at a facility with a capacity to process more than 500kg of hazardous waste per day excluding recovery that takes place as an integral part of an internal manufacturing process within the same premises or unless the Minister has approved re-use guidelines for the specific waste stream.
GN 718 of 3 July 2009 (repealed)	Category B, No. 4	The biological, physical or physio-chemical treatment of hazardous waste at a facility that has the capacity to receive in excess of 500kg of hazardous waste per day.
GN 718 of 3 July 2009 (repealed)	Category B, No. 5	The treatment of hazardous waste using any form of treatment regardless of the size or capacity of such as facility to treat such waste.

GN 718 of 3 July 2009 (repealed)	Category B, No. 6	The treatment of hazardous waste in lagoons.
GN 718 of 3 July 2009 (repealed)	Category B, No. 7	The treatment of effluent, wastewater or sewage with an annual throughout capacity of 15 000 cubic metres or more.
GN 718 of 3 July 2009 (repealed)	Category B, No. 11	The construction of facilities for activities listed in Category B of this Schedule (not in isolation to associated activity).

On 29 November 2013, the Department of Environmental Affairs published the new *National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) List of waste management activities that have, or are likely to have a detrimental effect on the environment (GN 921 of 29 November 2013)*. In terms of this Government Notice, the rendering facility now only requires a Waste Management License for the following waste management activities:

Relevant Notice	Activity Number	Description of the listed activity
GN 921 of 29 November 2013	Category B, No. 2	The reuse or recycling of hazardous waste in excess of 1 ton per day, excluding reuse or recycling that takes place as an integral part of an internal manufacturing process within the same premises.
GN 921 of 29 November 2013	Category B, No. 3	The recovery of waste including the refining, utilisation, or co-processing of the waste at a facility that processes in excess of 100 tons of general waste per day or in excess of 1 ton of hazardous waste per day, excluding recovery that takes place as an integral part of an internal manufacturing process within the same premises.
GN 921 of 29 November 2013	Category B, No. 4	The treatment of hazardous waste in excess of 1 ton per day calculated as a monthly average; using any form of treatment excluding the treatment of effluent, wastewater or sewage.
GNR. 921 of 29 November 2013	Category B, No. 10	The construction of a facility for a waste management activity listed in Category B of this Schedule (not in isolation to associated waste management activity).

The storage of hazardous waste (and specifically process wastewater) in lagoons no longer requires a Waste Management License as the Category B, No. 1 activity previously triggered under GNR 718 of 3 July 2009 now specifically excludes the storage of effluent, wastewater or sewage. The storage of hazardous waste no longer requires a Waste Management License, but the storage of more than 80m<sup>3</sup> now falls under Category C of GNR 921. Such storage must comply with the Norms and Standards for Storage of Waste, 2013. The treatment of process wastewater and sewage has been moved from being governed under the Waste Act, 2008, to being governed under the National Environmental Management Act, 1998. The construction of facilities for the treatment of effluent, wastewater or sewage with a daily throughput of more than 2 000m<sup>3</sup> now requires environmental

authorisation under NEMA, 1998. The rendering facility will only treat a combined volume of approximately 55m<sup>3</sup> of process wastewater and sewage on a daily basis and therefore no environmental authorisation is required for the construction of the proposed new wastewater treatment works and sewage management system.

### **Application for a Water Use License to be submitted to the Department of Water Affairs**

The following water use activities in terms of Section 21 of the National Water Act, 1998 (Act No. 36 of 1998) take place on the property. These activities will either be generally authorised or require registration and/or licensing:

- Section 21(b): Storage of water;
- Section 21(c): Impeding or diverting the flow of water in a watercourse;
- Section 21(e): Engaging in a controlled activity, identified as such in section 37(1): Irrigation of any land with waste or water containing waste generated through any industrial activity or by a waterwork;
- Section 21(f) Discharge of waste or water containing waste into a water resource through a pipe, canal, sewer or other conduit;
- Section 21(g): Disposing of waste in a manner which may detrimentally impact on a water resource, and
- Section 21(i): Altering the bed, banks, course or characteristics of a watercourse.

### **Application for an Atmospheric Emission License to be submitted to the North West Department of Economic Development, Environment, Conservation and Tourism or the Dr. Kenneth Kaunda District Municipality**

According to GN 248 of 31 March 2010 (National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) List of activities which result in atmospheric emissions which have or may have a significant detrimental effect on the environment, including health, social conditions, economic conditions, ecological conditions or cultural heritage) an atmospheric emission license is required for the rendering facility based on the following activity:

Listed Activity Number	Category of Listed Activity	Description of the Listed Activity	Application of the Listed Activity
10	Animal matter processing	Processes for the rendering cooking, drying, dehydrating, digesting, evaporating or protein concentrating of any animal matter not intended for human consumption.	All installations handling more than 1 ton of raw materials per day.

## **2 Applicant**

Cycle City (Pty) Ltd. (trading as Chubby Chick Enterprises)

### 3 Location

The project site is on Portion 198 of the farm Wilgeboom 458 IQ, North West Province, approximately 9km to the south-east of Potchefstroom. GPS coordinates for the site are: 26°47'16.80"S; 27° 8'58.39"E. The site is situated within the Tlokwe City Council of the Dr. Kenneth Kaunda District Municipality, North West Province.

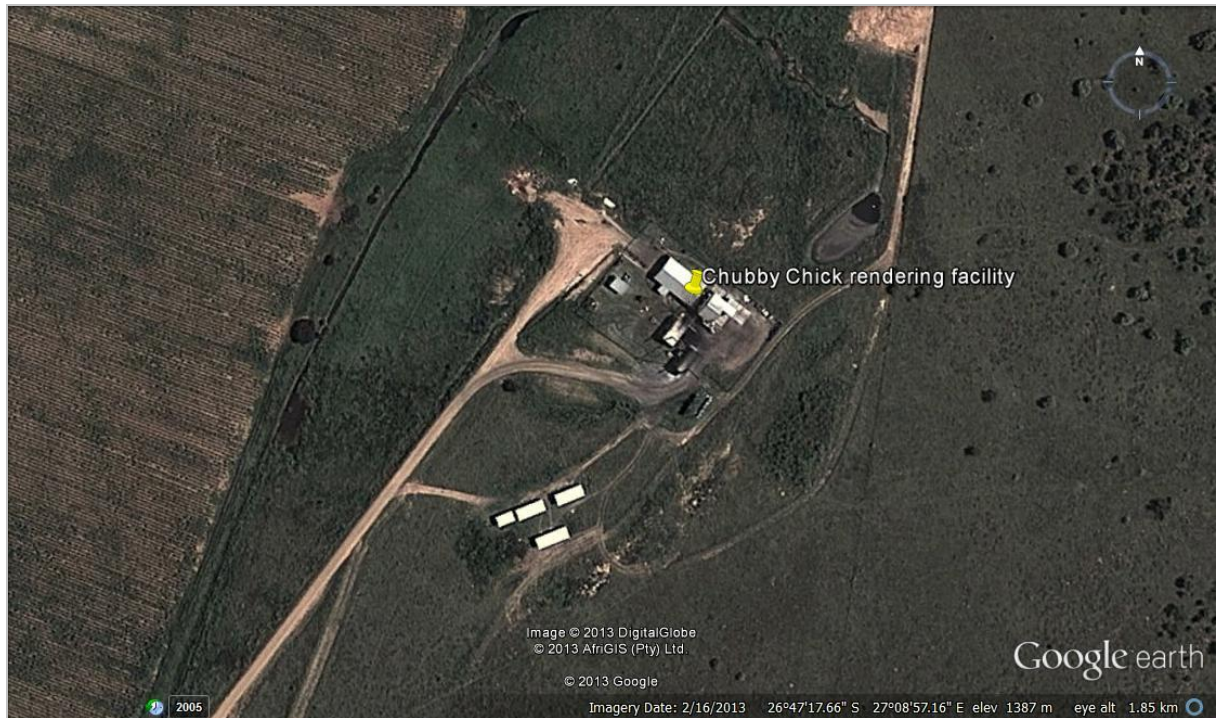


Figure 1: Google Earth image of the site

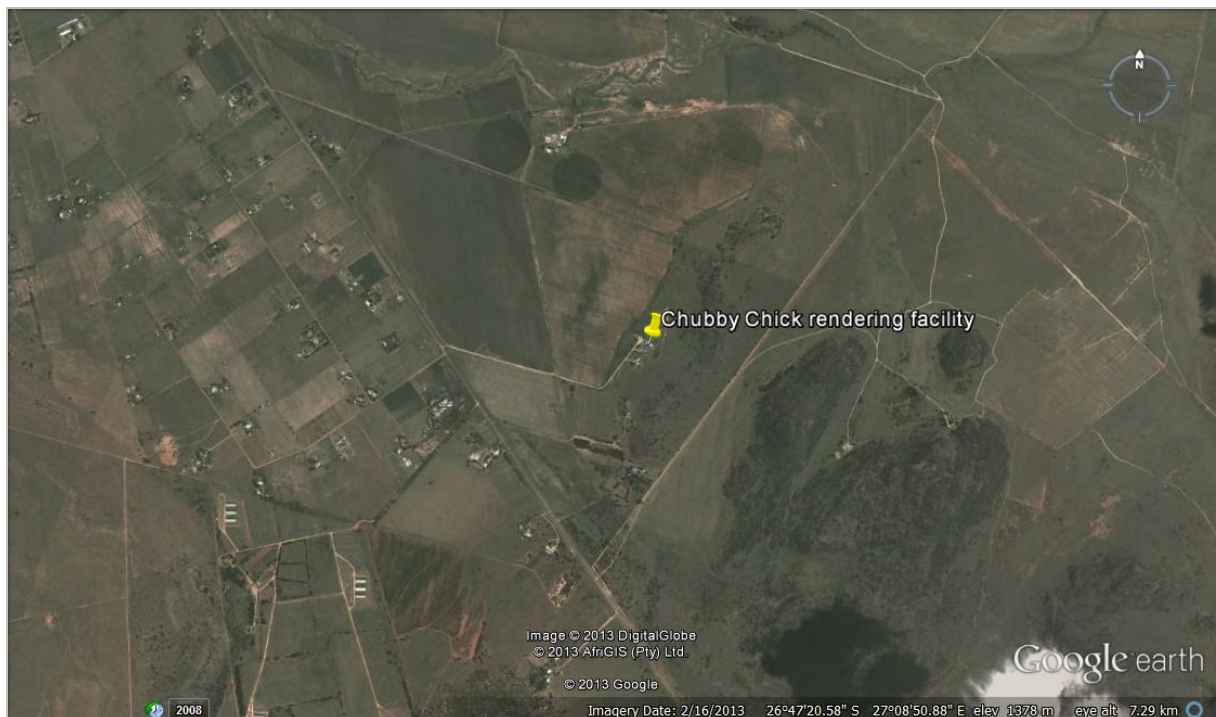


Figure 2: Google Earth image of the areas surrounding the site.

## 4 Environmental Consultants

Shangoni Management Services (Pty) Ltd

PO Box 74726

Lynnwood Ridge

Pretoria

0040

Tel: (012) 807 7036

Fax: (012) 807 1014 / 086 643 5360

Mobile: 071 673 3355

E-mail: lizette@shangoni.co.za

## 5 Activity Description

Waste (chicken pieces, blood, feathers, mala and fat) produced in the poultry slaughtering process at the Chubby Chick poultry abattoirs in Potchefstroom and chicken mortalities from their chicken farms is brought to the Chubby Chick rendering facility outside of Potchefstroom. The waste is cooked and sterilised to produce a high-protein meal used in animal feeds. The rendering facility requires environmental authorisation and the following licenses:

- A Waste Management License;
- An Atmospheric Emission License; and
- A Water Use License.

## 6 Public Participation Process

Public participation is an integral part of the Scoping and Environmental Impact Assessment process, and will include the following components:

### **First part of the Public Participation:**

The primary purpose of this phase is to give potential interested and affected parties (I&APs) an opportunity to register as an interested or affected party.

### **Comment on the Scoping Report and Environmental Impact Report:**

The draft Scoping Report will be made available to registered I&APs to provide them with an opportunity to comment, in writing, on this document before it is submitted to the competent authority.

All comments received will be included in a comments and responses report compiled by the Environmental Assessment Practitioner. This report will describe the issue raised, the date it was raised and by whom, and how the issue will be, or has been dealt with.

The comments that are received on the draft Scoping Report are included in the final Scoping report prior to submission to the competent authority.

Following the submission of the Scoping Report, a draft Environmental Impact Report (EIR) and draft Environmental Management Programme (EMP) will be made available to I&APs. Comments on the

draft EIR and EMP will also be incorporated into the final EIR and EMP prior to their submission to the competent authority.

### **Invitation to Participate**

Should you require any further information or wish to register as I&AP and/or inform us of any other I&APs and/or organisation and/or organ of state that should be notified, please complete the attached stakeholder registration form and submit it to Lizette Crous no later than the **3<sup>rd</sup> of March 2014.**