



DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

Diamond Corner Building, 68 Eloff & Market Street, Johannesburg
P O Box 8769, Johannesburg, 2000

Telephone: (011) 355-1900
Fax: (011) 355-1000
Email: gdard@gauteng.gov.za
Website: <http://www.gdard.gpg.gov.za>

Enquiries: Malivha Jonathan
Telephone: (011) 355 1639

FAX COVER SHEET

Receiver's Details		Sender's Details	
To:	Mr. JCM Abrahams	From:	Department of Agriculture and Rural Development
Company:	Natemza Farming cc	Section:	Waste Management
Fax no.	(016) 366 0459	Floor:	7 th Floor Glencairn
Tel no.	(016) 365 5261	Tel:	(011) 355 1900
Date:		Pages:	15 pages
Re:	ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED NATEMZA DEVELOPMENT ON PORTION 29 OF THE FARM WELVERDUIEND 379 IQ, MEYERTON, MIDVAAL LOCAL MUNICIPALITY		

Cc. GCS Environmental Management

Attn: Alta van Dyke
Tel: (011) 807 8925
Fax: (086) 622 5552

Midvaal Local Municipality

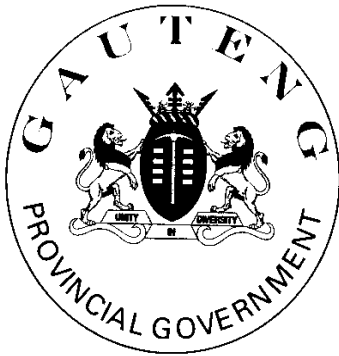
Attn: Mr. Johann Venter
Tel: (016) 360 7400
Fax: (016) 590 1009

GDARD Compliance and Enforcement

Attn: Ms. Cecilia Petlane
Fax: (011) 355 1173
Tel: (011) 355 1993

GDARD: General Waste Management

Attn: Lindokuhle Vilakazi
Fax: 086 604 2482
Tel: (011) 355-1354



DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

Diamond Corner Building, 68 Eloff & Market Street, Johannesburg
P O Box 8769, Johannesburg, 2000

Telephone: (011) 355-1900
Fax: (011) 355-1000

Reference: Gaut 002/09-10/N0177
Enquiries: Jonathan Malivha
Telephone: (011) 355-1639
E-mail: Jonathan.malivha@gauteng.gov.za

Natemza Farming cc

P. O. Box 8841

Centurion

0046

Attention: Mr. JCM Abrahams

Fax: (016) 366 0459

Tel: (016) 365 5261

CDARD
Office of the MOD

12 -02- 11

000015

PER FACSIMILE & REGISTERED MAIL

Dear Sir

**ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED NATEMZA
DEVELOPMENT ON PORTION 29 OF THE FARM WELVERDUIEND 379 IQ,
MEYERTON, MIDVAAL LOCAL MUNICIPALITY**

With reference to the abovementioned application, please be advised that the Department has decided to grant authorisation. The environmental authorisation and reasons for the decision are attached herewith.

Department of Agriculture and Rural Development
Environmental Authorisation Ref. No. 002/10-11/N0177

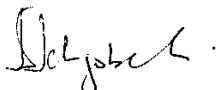
In terms of regulation 10(2) of the Environmental Impact Assessment Regulations, 2006, you are instructed to notify all registered interested and affected parties, in writing and within ten (10) calendar days of the date of this letter, of the Department's decision in respect of your application as well as the provisions regarding the making of appeals that are provided for in the regulations.

Your attention is drawn to Chapter 7 of the EIA Regulations which regulates appeal procedures. Should you wish to appeal any aspect of the decision, you must, *inter alia*, lodge a notice of intention to appeal with the MEC within 10 (ten) days of the date of this letter, by means of one of the following methods:

By facsimile: (011) 333 0620;
By post: P.O. Box 8769, Johannesburg 2000;
By hand: 16th Floor, Diamond Corner Building, 68 Eloff Street, Johannesburg.

Should you decide to appeal, you must serve a copy of your notice of intention to appeal on all registered interested and affected parties as well as a notice indicating where, and for what period, the appeal submission will be available for inspection.

Yours faithfully



Ms. S. Sekgobela

Head: Agriculture and Rural Development

Date: 17/02/2011

GDARD
Office of the MOP

17 -02- 11 000015

CC: GCS Environmental Management

Attn: Alta van Dyk
Tel: (011) 807 8925
Fax: (086) 622 5552

Midvaal Local Municipality

Attn: Mr. Johann Venter
Tel: (016) 360 7400
Fax: (016) 590 1009

GDARD: Compliance Monitoring

Attn: Cecilia Petlane
Tel: (011) 355-1993
Fax: (011) 355-1850

GDARD: General Waste Management

Attn: Lindokuhle Vilakazi
Tel: (011) 355-1354
Fax: 086 604 2482

Department of Agriculture and Rural Development
Environmental Authorisation Ref. No. 002/10-11/N0177



GRAND
Office of the EOD

17 -02- 11 0 0 0 0 1 5

Environmental Authorisation

Authorisation register number: *Gaut 002/10-11/N0177*

Holder of authorisation: *Natemza Farming cc*

Location of activity: *Portion 29 of the farm Welverduiend 379 IQ,
Midvaal Local Municipality*

Definitions

“activity” means an activity identified –

- (a) in Government Notice No. R. 386 and No. R. 387 of 2006 as a listed activity; or
- (b) in any other notice published by the Minister or MEC in terms of section 24D of the Act as a listed activity or specified activity;

“alternatives”, in relation to a proposed activity, means different means of meeting the general purpose and requirements of the activity, which may include alternatives to –

- (a) the property on which or location where it is proposed to undertake the activity;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity; and
- (e) the operational aspects of the activity;

BOARD
 of the KOD
 17-02-11 000015

“applicant” means a person who has submitted or intends to submit an application;

“basic assessment” means a process contemplated in regulation 22 of government notice No. R.385;

“basic assessment report” means a report contemplated in regulation 23 of government notice No. R.385;

“EAP” means an environmental assessment practitioner as defined in section 1 of the Act;

“environmental management programme” means an environmental management plan in relation to identified or specified activities envisaged in Chapter 5 of the Act and described in regulation 34;

“public participation process” means a process in which potential interested and affected parties are given an opportunity to comment on, or raise issues relevant to, specific matters;

“the Act” means the National Environmental Management Act, 1998 (Act No. 107 of 1998).

1. Decision

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this environmental authorisation, that the applicant should be authorised to undertake the activity specified below. Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

2. Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Environmental Impact Assessment Regulations, 2006 the Department hereby authorises Natemza Farming cc with the following contact details:

Contact person: Mr. J. C. M. Abrahams

P.O. Box 8841

Centurion

0046

002/10-11/N0177
 17-02-11 000015

Tel: (016) 365 5261

Fax: (016) 366 0459

to undertake the following activity (hereafter referred to as "the activity"):

The application is for the proposed construction of 4 units (120m x 15m) each at 40 000 chickens per unit (in a 35 day cycle) along with associated infrastructure i.e. feed silos, heating facility, borehole and storage tanks, and conservancy tank system on portion 29 of the farm Welverduiend 379 IQ (26° 34' 32.99"S and 28° 09'02.37"E), in the Midvaal Local Municipality which is scheduled as a listed activity in terms of Government Notice 386 sub-regulation 1(h)(v)4 and 16(b) of 21 April 20006.

The granting of this environmental authorisation is subject to the conditions set out below.

3. Conditions

3.1 Scope of authorisation

- 3.1.1 This authorisation is for the proposed construction of 4 units (120m x 15m) each at 40 000 chickens per unit (in a 35 day cycle) along with associated infrastructure i.e. feed silos, heating facility, borehole and storage tanks, and conservancy tank system.
- 3.1.2 Authorisation of the activity is subject to the conditions contained in this authorisation, which conditions form part of the environmental authorisation and are binding on the holder of the authorisation.
- 3.1.3 The holder of the authorisation must be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of the authorisation.
- 3.1.4 The activity which is authorised must only be carried out at the property indicated above.
- 3.1.5 Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.
- 3.1.6 This activity must commence within a period of two (2) years from the date of issue. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
- 3.1.7 This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.

3.2 Appeal of authorisation

- 3.2.1 The holder of the authorisation must notify every registered interested and affected party, in writing and within 12 (twelve) calendar days, of receiving notice of the Department's decision to authorise the activity.
- 3.2.2 The notification referred to in (3.2.1) must –
- a) Specify the date on which the authorisation was issued;

- b) Inform the interested and affected party of the appeal procedure provided for in Chapter 8 of the regulations; and
- c) Advise the interested and affected party that a copy of the authorisation and reasons for the decision will be furnished on request.

3.3 Operation and Management of the activity

3.3.1 The Environmental Management Plan (EMP), attached to the Basic Assessment Report (BAR) as Appendix H is approved. All mitigation measures identified in the EMP must be implemented to ensure that the environment is not affected during construction and operation processes. These measures include *inter alia* the following:

- a) Contractors and workers must be properly trained in all aspects relating to construction and operation;
- b) Fire-fighting equipment must be readily available on site and there must be maintained and checked on weekly basis;
- c) Waste storage bins/skips must be provided on site, these must be clearly labeled according to different waste types generated on site in order to avoid mixing recyclable with non-recyclable wastes, they must be fitted with lids to prevent their contents blowing out; the waste must be disposed of at a permitted and / or authorized landfill site on weekly basis;
- d) Written proof of disposal on a permitted and / or authorised landfill site must be handed to the applicant and site manager after disposal of each waste collected. This information must be submitted to the Department upon request;
- e) Builders' rubble generated during the construction must be re-used as filling material on site and as firm paving or track-way for trucks to travel, particularly during rainy days;
- f) Natemza Farming cc must ensure that no refuse or builders rubble generated on site is placed, dumped or deposited on adjacent properties or public places and open spaces during or after construction;
- g) All surface run-off must be managed to ensure prevention of soil erosion, protection of the soil must be sought either through cladding with biodegradable material or with seeded topsoil;

- h) Portable chemical toilets must be installed during the construction phase of the project; these must be serviced on weekly basis and be dismantled after construction activities have ceased; and
- i) Storm water channels must be cleaned to avoid accumulation of debris, organic waste, sediments, silt and other pollutants.
- 3.3.2 Natemza Farming cc has a responsibility to ensure that the EMP is complied with and general environmental management is of acceptable standards. The EMP must be used to develop a checklist that must be used to audit environmental compliance on the site during the different phases of the project;
- 3.3.3 A notice board must be erected on site during operation stating the relevant site details and that unauthorised entry to the site is illegal. Signs must also be erected to indicate flammable hazards at the site;
- 3.3.4 Construction must be limited to 07h00-18h00 weekdays and 07h00 -13h00 on Saturdays. No construction activities may take place on Sundays and public holidays;
- 3.3.5 The construction of the site must be carried out under the supervision of a registered professional Civil Engineer;
- 3.3.6 Traffic disturbance during the construction process must be kept to a minimum and all drivers must be trained and instructed to drive cautiously within the vicinity of the farm;
- 3.3.7 Fuel and other hazardous materials must be stored in lockable containers and must be stored in a bounded area to avoid soil and ground and/ or surface water pollution;
- 3.3.8 Dust and erosion abatement measures such as wetting of active construction areas and unpaved roads and the vegetation of permanent stockpiles during different phases of the project must be carried out;
- 3.3.9 Plant and equipment must be maintained in good order, so as to avoid nuisances such as noise and air pollution. Ensure that dust, odour, and traffic noise from the operation of the facility do not become a nuisance to persons inside and outside the farm;
- 3.3.10 The entire boundary of farm must be fenced up and the fence must be maintained.
- 3.3.11 All waste including chicken manure and used bedding material must be removed after every crop cycle, collected into the suitable waste containers, and used as fertilizer or disposed at a licensed waste disposal site. No manure shall be stockpiled at the site;
- 3.3.12 Topsoil should be removed, stockpiled separately for landscaping and rehabilitation;
- 3.3.13 Chicken feed must be stored in a closed container which will not be accessible to vectors, rodents or birds;
- 3.3.14 Surface water must be prevented from ponding or creating gully erosion;

- 3.3.15 Natemza Farming cc must ensure that wastewater disposal does not pose any ground water pollution, if any groundwater or surface water pollution incident occurs; Department of Water Affairs (DWA) must be notified;
- 3.3.16 A written agreement/ arrangement with a class H:H waste disposal site must be made to cater for an event of epidemic disease outbreak wherein all dead chicken will be disposed at. Such an agreement/ arrangement must be submitted to the Department prior to commencement of construction.
- 3.3.17 Natemza Farming cc must apply for a water use licence with National Department of Water Affairs and the copy of this licence must be forwarded to the Department as soon as it is issued.

3.4 Bio-security measures

GDARD
 Office of the Registrar

0 -02- 1 1 0 0 0 0 1 5

- 3.4.1 All the bio-security requirements as specified by the owner, which include: walking through a virucidal agent (footbath) and wearing protective clothing (provided by operator) must be followed;
- 3.4.2 It is recommended that trucks delivering feed at the facility do not enter the facilities. The bins for delivery of feed must be placed at entrance of the gate so that feed can be off-loaded into the bins without the trucks entering the facility to prevent possible spread of diseases. Where it is necessary that the trucks enter the facility, they must be washed before going in and going out;
- 3.4.3 Personnel must use rubber boots that have been disinfected or plastic disposable boots must be used while working on the farm, these must also be provided to visitors entering the farm; showering before going in, and immediately showering after going outside of the poultry houses must be practiced at all times;
- 3.4.4 Personal protective equipment must be used during the operational phase; this includes eye protection or respiratory protection (dust masks) in case of airborne pathogens that could be mechanically spread by mucous membrane contamination;
- 3.4.5 Fly control measures must be implemented at all times to prevent the ingress of flies in the poultry houses.
- 3.4.6 Mortality should be picked up daily and disposed of in a timely and approved method. Stock-piling mortality and allowing carcasses to decompose before disposal is not allowed as this increases the risk of spreading disease via rodents and insects;

- 3.4.7 Natemza Farming cc must establish regular cleaning and disinfecting procedures on the farm to disinfect poultry houses on a regular basis;
- 3.4.8 Natemza Farming cc must clean and disinfect all equipment going into and moving between poultry houses;
- 3.4.9 Before operation takes place Natemza Farming cc must register with the Local State Veterinary and Health Inspector;
- 3.4.10 Levels of ammonia, methane, carbon monoxide, carbon dioxide and hydrogen sulfide in poultry houses must be monitored from time to time to ensure it does not affect the health of poultry and workers; and
- 3.4.11 In case of disease outbreaks and high mortalities of poultry, the nearest Local State Veterinary and Health Inspector must be contacted immediately.

3.5 Monitoring

- 3.5.1 The chicken farm must be monitored bi-annually; the monitoring reports must be with respect to the following information:
- Ground water quality monitoring results;
 - Surface water quality monitoring results;
 - Air quality monitoring results;
 - All complaints received (e.g. with regard to water quality, odors, noise, dust etc.) and details with respect to the approach and actions to address complaints; and
 - Any other aspects that require monitoring, as recommended by other government departments.
- 3.5.2 The above reports must contain a graphical presentation of all results obtained previously at any specific sampling point, an interpretation and discussion of the results of each monitoring occasion as well as a conclusion and recommendations;
- 3.5.3 The poultry housing facilities must be inspected regularly by a qualified and registered veterinary scientist or health inspector;
- 3.5.4 Monitor and evaluate the effectiveness of bio-security protocols from time to time and make improvements where necessary;
- 3.5.5 The waste removal contractor must register with the Department Waste Information System (WIS) as a transporter. The contractor can log on www.gdard.gov.za/wis for registration and access to further information;

- 3.5.6 Based on the outcomes of monitoring and auditing, and taking into account legislative reform, this Department reserves the right to set stricter requirements for monitoring and auditing; and
- 3.5.7 The results of all monitoring programmes conducted on-site must be compiled in an annual monitoring report and submitted to this Department during operation and annually after closure.

3.6 Recording and reporting to the Department

GDARD
Office of the WOP

- 3.6.1 Farm records must be complete (source of chicks, feeds, dead stock, culling, treatment, vaccination and others). Records should be kept well and updated from time to time;
- 3.6.2 Natemza Farming cc must appoint an independent external auditor to audit the site annually. The auditor must compile an annual audit report that documents the findings of his/her audit. The audit report must:
- Specifically state whether the conditions of this authorisation are being adhered to;
 - Contain recommendations regarding non-compliance or potential non-compliance and must specify target dates for the implementation of recommendations; and
 - Include an interpretation of all available data and test results regarding the operation of the site and all its impacts on the environment.
- 3.6.3 The bi-annual internal monitoring reports must be made available to the external auditor referred to above and to all relevant authorities if requested;
- 3.6.4 The external audit report must be submitted to all relevant authorities;
- 3.6.5 The first annual audit report must be submitted to this Department after 12 (twelve) months from the date of commencement of operations; and
- 3.6.6 A copy of an agreement letter with the nearest rendering plant and / or a company contracted to remove, transport and dispose dead stock must also be submitted to this Department before commencement of operations.

3.7. Site closure and decommissioning

- 3.7.1 Ground water monitoring should continue even after the closure of the site;
- 3.7.2 Natemza Farming cc must ensure the maintenance of the site after closure.

3.8. General

- 3.8.1 Natemza Farming cc must take reasonable steps to minimize or prevent any activity in violation of this authorization which has a reasonable likelihood of adversely affecting human health or the environment;
- 3.8.2 A copy of this authorisation must be kept at the property where the activity will be undertaken. The authorisation must be made available to authorised officials of the Department or external auditors requesting to see it;
- 3.8.3 Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/ or telephonic details, the applicant must notify the Department as soon as the new details become known to the applicant;
- 3.8.4 Natemza Farming cc must notify the Department, in writing, within 30 days if a condition of this authorisation is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance; and
- 3.8.5 Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the regulations.

Should the applicant wish to appeal any aspect of this decision, the applicant must notify and furnish copies of the appeal which will be submitted to the MEC to all registered interested and affected parties. Proof of such notification must be submitted to the MEC with the appeal. Failure to comply with this provision may result in the MEC refusing to consider the appeal.

Please note that no development may commence prior to the expiry of the time period allowed for the submission of an appeal, or in the event of an appeal being lodged, before the MEC has reached a decision on the appeal.

GDARD
 Office of the HOD

18-02-11 000015

Yours faithfully

Sekgobela S.

Ms. S. Sekgobela

Head: Agriculture and Rural Development

Date: 17/02/2011

Annexure 1: Reasons for Decision

1. Background

The applicant, J. C. M. Abrahams Natemza Farming applied for authorisation to carry out the following activity –

The proposed construction of 4 units (120m x 15m) each at 40 000 chickens per unit (in a 35 day cycle) along with associated infrastructure i.e. feed silos, heating facility, borehole and storage tanks, and conservancy tank system, on portion 29 of the farm Welverduiend 379 IQ, Midvaal Local Municipality.

The applicant appointed GCS Environmental Management to undertake a Basic Assessment Process.

GCS Environmental Management conducted a public participation process which involved on-site notice, newspaper notice, and contacted and informed neighboring farm owners by providing them with Interested and Affected Parties comment forms and conducting meetings with the local authority.

A BAR with an EMP, proof of public participation and the comments received was compiled and submitted on 01 December 2010.

002-11 000015

2. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration -

- a) The information contained in the BAR dated, 29 November 2010;
- b) Relevant information contained in the Departmental information base including –
 - Geographical Information System (e.g. ridges, Red Data plants and animals, wetlands and pans etc.);
- c) The objectives and requirements of relevant legislation, policies and guidelines, including the National Environmental Management Act, 1998 (Act No. 107 of 1998), Government Notice 386 sub-regulation 1(h)(v)4 and 16(b) of 21 April; and

- d) The findings of the site visit undertaken by Department on the 13 December 2010.

3. Key factors considered in making the decision

All information presented to the Department was taken into account in the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below.

- a) The proposed site is located in an area zoned for agricultural use;
- b) The proposed development is located close to major roads; this reduces the need for construction of new roads;
- c) The proposed development and its secondary activities will provide job opportunities to a number of people; and
- d) The implementation of the mitigation measures highlighted in the EMP will reduce potential negative impacts on the environment to acceptable levels.

4. Findings

BOARD
 Office of the FOD

After consideration of the information and factors listed above, the Department made the following findings -

- a) The proposed activity is for the construction of 4 (four) chicken run;
- b) The proposed development does not pose significant environmental impacts and that such impacts as may eventuate could be mitigated;
- c) The socio-economic aspects of the project are valuable for the development of the Midvaal Local Municipality in terms of creation of employment;
- d) The project will bring the much needed employment for the local community and provide readily access to food resources within the locality;
- e) The Midvaal Local Municipality is in support of the proposed project provided the proponent complies with the requirements of the municipality; and
- f) The land on which the activity is proposed to take place is suitable for this development.

Department of Agriculture and Rural Development
Environmental Authorisation Ref. No. 002/10-11/N0177

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the proposed activity will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the proposed activity can be mitigated to acceptable levels. The application is accordingly granted.

GDABE
Office of the HOD

17-02-11 090015