

**GAUTENG PROVINCE**  
AGRICULTURE AND RURAL DEVELOPMENT  
REPUBLIC OF SOUTH AFRICA

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

Telephone: (011) 355-1900

Fax: (011) 333-1000

Website: <http://www.gdard.gpg.gov.za>

## FAX COVER SHEET

Receiver's Details		Sender's Details	
To:	Leslie Hoy	From:	Teboho Leku
Company:	Rand Water	Section:	EPIA
Fax no.	(011) 900 2108	Floor:	13 <sup>th</sup> Floor Glencairn Building
Tel no.	(011) 724 9350	Tel:	(011) 355-1628
Date:		Pages:	08 including cover page
SUBJECT:	Gaut: 002/13-14/E0045  DUPLICATION OF THE VLAKFONTEIN (BENONI)-MAMELODI WATER SUPPLY PIPELINE WITHIN THE EXISTING SERVITUDE. PHASE 2: FROM THE SOUTHERN BOUNDARY OFF THE RIETVLEI NATURE RESERVE TO MAMELODI.		

CC: City of Tshwane Metropolitan Municipality

Attn: Rudzani Mukheli

Fax: 012 358 8934

Aurecon South Africa (Pty) Ltd

Attn: Ryan Nawn

Fax: 086 766 1473

**GAUTENG PROVINCE**AGRICULTURE AND RURAL DEVELOPMENT  
REPUBLIC OF SOUTH AFRICA**Environmental Authorisation****Authorisation register number:**

Gaut 002/13-14/E0045

**Holder of authorisation:**

Rand Water

**Location of activity:**Southern boundary of Rietvlei Nature Reserve to  
Mamelodi (Phase 2)**GDARD**  
**Office of the HOD**

13 -06- 12

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## 1. Decision

The Department is satisfied, on the basis of information available 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 by the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) and the Environmental Impact Assessment Regulations, 2010, the Department hereby authorises-

**Rand water**  
522 Impala Street  
Glenvista  
2085

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**Office of the HOD**

13-06-12 000011

**Attn:** Mr. Leslie Hoy  
**Tel:** (011) 724 9350  
**Fax:** (011) 900 2108

to undertake the following activities (hereafter referred to as "the activities") –

the proposed duplication of 27 km long water pipeline, routed adjacent to the existing Rand water servitudes, from southern boundary of Rietvlei Nature Reserve to Mamelodi indicated as "Preferred Alignment" listed activities 1(k) of Government Notice 386 of 2006 which falls under the jurisdiction of the City of Tshwane Metropolitan Municipality.

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

## 3. Conditions

### 3.1 Specific conditions

- a. Authorisation is granted for the proposed duplication of 27 km long water pipeline, routed adjacent to the existing Rand water servitudes, from southern boundary of Rietvlei Nature Reserve to Mamelodi. The pipeline will have internal diameter of 0.8 – 1.5 meters whilst maintaining the positive pressure and flow velocity of less than 2.5 m/s. The preferred alternative alignment will be divided into the following sections:
  - i. Section 1: Rietvlei Nature Reserve
  - ii. Section 2: Rietvlei Nature Reserve to Garsfontein Road
  - iii. Section 3: Garsfontein Road to Bronberg
  - iv. Section 4: Bronberg to Six fountains
  - v. Section 5: Six Fountains to Savannah Country Estate
  - vi. Section 6: Savannah Country Estate to Mamelodi
- b. Section 3 of the preferred alignment must traverse the Bronberg along the existing servitude.
- c. The preferred alignment will also deviate from the proposal in the Woodhill Golf Estate by being aligned around the golf fairways and greens since these have been developed on top of the existing servitude.
- d. Recommendations contained in the following studies must be adhered to
  - i. Biodiversity survey and wetland delineation within sensitive environments identified along Phase 2 of the proposed Vlaktefontein to Mamelodi bulk water pipeline duplication project. With reference no: 103701
  - ii. Surface Watercourse Assessment by LER Grobler dated August 2010
  - iii. Site investigation reports: Rough-Haired Golden Mole (*Chrysospalax villosus*) & Juliana's Golden Mole (*Neamblysomus julianae*)- Rietvlei Nature reserve & Bronberg



Department of Agriculture and Rural Development  
Environmental Authorisation Reg. No. Gaut 002/13-14/E0045

- iv. Assessments of impacts on birds by Andrew Mckechnie
- v. Invertebrate Survey by Peter G. Hawkes
- vi. Heritage Impact Assessment by P. D. Birkholtz
- e. Conditions of the letters (Eskom dated 25 November 2011 and Gauteng Department of Roads and Transport dated 07 February 2012) must also be adhered to.

### 3.2 Management of the activity

The Environmental Management Programme ("EMPr") as well as the Traffic Management Plan submitted as part of the application for environmental authorisation must be implemented.

### 3.3 Site closure and decommissioning

Should the activities authorised be closed or decommissioned at some stage, the applicant must, at his/her own expense ensures that all areas transformed due to these activities are rehabilitated to original natural state or to the satisfaction of this Department.

### 3.4 General conditions

- a) Conditions of this authorisation are binding on the holder of the authorisation, including 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.
- b) The activity which is authorised may only be carried out at the property indicated above.
- c) 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.
- d) This activity must commence within a period of five (5) 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.
- e) This authorization 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 this activity.
- f) If the proponent anticipates that commencement of the activities would not occur within five (5) year period, he/she must apply and show good cause for an extension of the Environmental Authorization six (6) months prior to its expiry date.
- g) 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.
- h) A copy of this authorisation must be kept at the property where the activity will be undertaken. The authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who works or undertakes work at the property.
- i) Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address, the applicant must notify the Department as soon as the new details become known to the applicant.
- j) The holder of the authorisation must notify the Department, in writing and within twenty four (24) hours, if conditions under 3.1 to 3, 4 above cannot be or is not adhered to. In all other cases, the holder of the authorisation must notify the Department, in writing, within seven (7) working days if all other conditions of this authorisation are not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance. 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 (as amended) and the regulations.

Office of the HOD

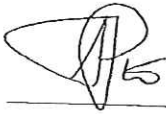
Department of Agriculture and Rural Development  
Environmental Authorisation Reg. No. Gaut 002/13-14/E0045

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#### 4 Appeal of authorisation

- a) The holder of the authorisation must notify all registered interested and affected party, in writing and within 12 days of receiving notice of the Department's decision to authorise the activity.
- b) The notification referred to above must –
- specify the date on which the authorization was issued;
  - inform the interested and affected party of the appeal procedure provided for in Chapter 7 of the regulations; and
  - advise the interested and affected party that a copy of the authorisation and reasons for the decision will be furnished on request.

Date of environmental authorisation: 12 June 2013



Ms Priscilla Pietersen  
Acting Head: Agriculture and Rural Development

Date: 12 June 2013

Office of the HOD

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SIGN & RET



## Annexure 1: Reasons for Decision

### 1. Background

The applicant, Rand Water applied for authorisation to undertake the following activities-

the proposed duplication of 27 km long water pipeline, routed adjacent to the existing Rand water servitudes, from southern boundary of Rietvlei Nature Reserve to Mamelodi indicated as "Preferred Alignment" listed activities 1(k) of Government Notice 386 of 2006 which falls under the jurisdiction of the City of Tshwane Metropolitan Municipality.

The applicant appointed Aurecon South Africa (Pty) Ltd to undertake a Basic Impact Assessment Process.

### 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 Basic Assessment Report received by the Department on 19 April 2013;
- b) Relevant information contained in the Departmental information base including -
  - GIS;
  - C-Plan version 3.3; and
  - GAPA 3
- c) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended).
- d) The findings of the site inspection undertaken by officials of this Department, Rand Water, Rietvlei Nature Reserve and Aurecon.

### 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 duplication of the Vlakfontein (Benoni) - Mamelodi water supply pipeline: Phase 1 (25km) from Vlakfontein in Ekurhuleni to the Southern boundary of Rietvlei Nature Reserve has already been authorised by this Department.
- b) The need to provide for the supply during peak water demands.

### 4. Findings

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

- a) Relevant stakeholders, interested and affected parties were adequately notified of the proposed activity. Objections were raised however they were adequately addressed.
- b) Phase 1 (25km) from Vlakfontein in Ekurhuleni to the Southern boundary of Rietvlei Nature Reserve has already been authorised by this Department.
- c) Rand Water's obligation to meet water demands in Mamelodi.
- d) Relevant activities were applied for as per the Environmental Impact Assessment Regulations, 2006.

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 authorisation for this application is accordingly granted.

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**Office of the HOD**

13-06-12 000017

**GAUTENG PROVINCE**AGRICULTURE AND RURAL DEVELOPMENT  
REPUBLIC OF SOUTH AFRICA

Reference: Gaut 002/13-14/E0045  
Enquiries: Teboho Leku  
Telephone: 011 355 1628  
E-mail: Tebo.Leku@gauteng.gov.za

Rand water  
522 Impala Street  
Glenvista  
2085

Attn: Mr. Leslie Hoy

Tel: (011) 724 9350  
Fax: (011) 900 2108

**PER FACSIMILE/REGISTERED MAIL**

Dear Sir

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION: DUPLICATION OF THE VLAKFONTEIN (BENONI)-MAMELODI WATER SUPPLY PIPELINE WITHIN THE EXISTING SERVITUDE. PHASE 2: FROM THE SOUTHERN BOUNDARY OF THE RIETVLEI NATURE RESERVE TO MAMELODI.**

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

In terms of Regulation 10(2) of the Environmental Impact Assessment Regulations, 2010, you are instructed to notify all registered interested and affected parties, in writing and within 12 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 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 20 calendar 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; or  
By hand: 16<sup>th</sup> 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

A handwritten signature in black ink, appearing to be 'P. Pietersen'.

Ms. Priscilla Pietersen

Act. Head: Agriculture and Rural Development

Date: 12 June 2013

**GDARD**  
Office of the HOD

**SIGN & RETURN**

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From:

To:00119002108

12/06/2013 16:36

#446 P.008/008

CC: Aurecon South Africa (pty) Ltd

Attn: Ryan Nawn

Fax: 086 766 1473

City of Tshwane Metropolitan Municipality

Attn: Rudzani Mukheli

Fax: (012) 358-8934

Compliance

Fax: (011) 355-1850

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**Office of the HOD**

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