



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Environment House · 473 Steve Biko, Arcadia · PRETORIA  
Tel (+ 27 12) 399 9372

**NEAS Reference:** DEA/EIA/0000649/2011

**DEA Reference:** 12/12/20/2308

**Enquiries:** Gabisile Hlongwane

**Telephone:** 012-310-3805 **Fax:** 012-320-7539 **E-mail:** GabisileH@environment.gov.za

Ms Mmamoloko Seabe  
Eskom Holdings SOC Limited  
P.O. Box 1091  
**JOHANNESBURG**  
2001

Tel no: 011 800 2345

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### **PER FACSIMILE / MAIL**

Dear Ms Seabe

**ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: GN R. 544 AND 546: CONSTRUCTION OF 2 X 400kV POWERLINES OF APPROXIMATELY 20KM FROM THE EXISTING APOLLO-PLUTO 400kV POWERLINE TO THE PROPOSED 400/88kV DEMETER MAIN TRANSMISSION SUBSTATION: ROODEPOORT STRENGTHENING PROJECT IN THE CITY OF JOHANNESBURG MUNICIPALITY, MOGALE CITY MUNICIPALITY AND CITY OF TSHWANE MUNICIPALITY, GAUTENG PROVINCE**

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

In terms of regulation 10(2) of the Environmental Impact Assessment Regulations, 2010 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 12 (twelve) days of the date of the EA, of the Department's decision in respect of your application as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 7 of the Regulations, which prescribes the appeal procedure to be followed. This procedure is summarised in the attached document. Kindly include a copy of this document with the letter of notification to interested and affected parties.

Should the applicant or any other party wish to appeal any aspect of the decision a notice of intention to appeal must be lodged by all prospective appellants with the Minister, within 20 days of the date of the EA, by means of one of the following methods:

By facsimile: 0123207561;  
By post: Private Bag X447,  
Pretoria, 0001; or

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By hand: Department of Environmental Affairs  
Environment House  
473 Steve Biko Road  
Arcadia  
Pretoria.

If the applicant wishes to lodge an appeal, it must also serve a copy of the 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, should you intend to submit an appeal.

Please include the Department (*Attention: Director: Integrated Environmental Authorisations*) in the list of interested and affected parties, notified through your notification letter to interested and affected parties, for record purposes.

**Appeals must be submitted in writing to:**

Mr Z Hassam Director: Appeals and Legal Review, of this Department at the above mentioned addresses or fax number. Mr Hassam can also be contacted at:

Tel: 012-399 9356

Email: AppealsDirectorate@environment.gov.za

The authorised activities shall not commence within twenty (20) days of the date of signature of the authorisation. Further, please note that in terms of section 43(7) of the National Environmental Management Act, 1998, an appeal under section 43 of that Act will suspend the environmental authorisation or any provision or condition attached thereto. In the instance where an appeal is lodged, you may not commence with the activity until such time that the appeal is finalised.

Yours faithfully



**Ms Linda Garlipp**

**Acting Deputy Director-General: Legal, Authorisations, Compliance and Enforcement**

**Department of Environmental Affairs**

**Date: 10/09/2014**

CC:	Mr Nick Hilton	Fourthelement Consultancy (EAP)	Tel: 011-726-3130	Fax: 011-726-3134
	Mr D. Motaung	GDARD	Tel: 011-240-2600	Fax: 011-240-2600
	Mr D. Mashitsho	Mogale City Local Municipality	Tel: 011-951-2013	Fax: 011-951-2433

**APPEALS PROCEDURE IN TERMS OF CHAPTER 7 OF THE NEMA EIA REGULATIONS, 2010 (THE REGULATIONS) AS PER GN R. 543 OF 2010 TO BE FOLLOWED BY THE APPLICANT AND INTERESTED AND AFFECTED PARTIES UPON RECEIPT OF NOTIFICATION OF AN ENVIRONMENTAL AUTHORISATION (EA)**

<b>APPLICANT</b>	<b>INTERESTED AND AFFECTED PARTIES (IAPs)</b>
1. Receive EA from the relevant Competent Authority (the Department of Environmental Affairs [DEA]).	1. Receive EA from Applicant/Consultant.
2. Within 12 days of date of the EA notify all IAPs of the EA and draw their attention to their right to appeal against the EA in terms of Chapter 7 of the Regulations.	2. N/A.
3. If you want to appeal against the EA, submit a notice of intention to appeal within 20 days of the date of the EA with the Minister of Water and Environmental Affairs (the Minister).	3. If you want to appeal against the EA, submit a notice of intention to appeal within 20 days of the date of the EA. with the Minister of Water and Environmental Affairs (the Minister).
4. After having submitted your notice of intention to appeal to the Minister, provide each registered IAP with a copy of the notice of intention to appeal within 10 days of lodging the notice.	4. After having submitted your notice of intention to appeal to the Minister, provide the applicant with a copy of the notice of intention to appeal within 10 days of lodging the notice.
5. The Applicant must also serve on each IAP: <ul style="list-style-type: none"> <li>• a notice indicating where and for what period the appeal submission will be available for inspection.</li> </ul>	5. Appellant must also serve on the Applicant within 10 days of lodging the notice, <ul style="list-style-type: none"> <li>• a notice indicating where and for what period the appeal submission will be available for inspection by the applicant.</li> </ul>
6. The appeal must be submitted in writing to the Minister within 30 days after the lapsing of the period of 20 days provided for the lodging of the notice of intention to appeal.	6. The appeal must be submitted to the Minister within 30 days after the lapsing of the period of 20 days provided for the lodging of the notice of intention to appeal.
7. Any IAP who received a notice of intention to appeal may submit a responding statement to that appeal to the Minister within 30 days from the date that the appeal submission was lodged with the Minister.	7. An Applicant who received notice of intention to may submit a responding statement to the appeal to the Minister within 30 days from the date that the appeal submission was lodged with the Minister.

**NOTES:**

**1. An appeal against a decision must be lodged with:-**

- a) the Minister of Water and Environmental Affairs if the decision was issued by the Director- General of the Department of Environmental Affairs (or another official) acting in his/ her capacity as the delegated Competent Authority;
- b) the Minister of Justice and Constitutional Development if the applicant is the Department of Water Affairs and the decision was issued by the Director- General of the Department of Environmental Affairs (or another official) acting in his/ her capacity as the delegated Competent Authority;

**2. An appeal lodged with:-**

- a) the Minister of Water and Environmental Affairs must be submitted to the Department of Environmental Affairs;
- b) the Minister of Justice and Constitutional Development must be submitted to the Department of Environmental Affairs;

**3. An appeal must be:-**

- a) submitted in writing;
- b) accompanied by:
  - a statement setting out the grounds of appeal;
  - supporting documentation which is referred to in the appeal; and
  - a statement that the appellant has complied with regulation 62 (2) or (3) together with copies of the notices referred to in regulation 62.



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

# Environmental Authorisation

In terms of Regulation 36 of the Environmental Impact Assessment Regulations, 2010

Construction of 2 X 400kV powerlines of approximately 20km from the existing Apollo-Pluto  
400kV powerline to the proposed 400/88kV Demeter Main Transmission Substation:  
Roodepoort Strengthening Project

Mogale City Local Municipality, City of Johannesburg Metropolitan Municipality and  
City of Tshwane Metropolitan Municipality

<b>Authorisation register number:</b>	<i>12/12/20/2308</i>
<b>NEAS reference number:</b>	<i>DEA/EIA/0000649/2011</i>
<b>Last amended:</b>	<i>First issue</i>
<b>Holder of authorisation:</b>	<i>Eskom Holdings SOC Limited</i>
<b>Location of activity:</b>	<i>Mogale City Municipality, City of Johannesburg Metropolitan Municipality and City of Tshwane Metropolitan Municipality, Gauteng Province</i>

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.

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## 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 activities specified below.

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 EIA regulations.

Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

## Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act 107 of 1998) and the Environmental Impact Assessment Regulations, 2010 the Department hereby authorises –

### **ESKOM HOLDINGS SOC LIMITED**

with the following contact details:

Ms Mmamoloko Seabe  
Eskom Holdings SOC Limited  
P.O. Box 1091  
**JOHANNESBURG**  
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Tel: (011) 800 2345  
Fax: (011) 800 3917  
E-mail: SeabeJM@eskom.co.za

to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notices 1 and 3 (GN R. 544 & 546):

Listed activities	Activity/Project description
<p><u>GN R. 544 Item 10(ii):</u>                      The construction of facilities or infrastructure for the transmission and distribution of electricity-                      (ii) Inside urban areas or industrial complexes with a capacity of 275 kilovolts or more.</p>	<p>The application is for the construction of the proposed 400/88 kV Demeter Main Transmission Substation (MTS) and 400kV transmission powerline of approximately 30km.</p>
<p><u>GN R. 544 Item 11(xi):</u>                      The construction of:                      (ix) infrastructure or structures covering 50 square metres or more _where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</p>	<p>The project area has the Crocodile and Jukskei River running through it. The powerline has servitude of 55 metres and some areas will either cross the river or run adjacent to it. A construction camp will also be needed.</p>
<p><u>GN R. 544 Item 23(i):</u>                      The transformation of undeveloped, vacant or derelict land to_                      (i) Residential, retail, commercial, recreational, industrial or institutional use, inside an urban area, and where the total area to be transformed is 5 hectares or more, but less than 20 hectares;-                       except where such transformation takes place for linear activities.</p>	<p>The project is a linear activity requiring servitude of 55 meters and length of approximately 20 kilometres of land to be cleared off vegetation. The construction camp will also transform the land. The study area is in developed (surrounding Mogale City Municipality jurisdiction) and undeveloped for the remaining sections. The proposed land on which the substation is to be extended is about 500m x 500m which equals 25ha.</p>
<p><u>GN R. 544 Item 26:</u>                      Any process or activity identified in terms of section 53(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004).</p>	<p>The Gauteng Province is a habitat for protected species such as Egoli Granite Grasslands, Norite Koppies Bushveld, Andesite Mountain Bushveld and Giant Bull Frogs.</p>
<p><u>GN R. 546 Item 3:</u>                      The construction of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast-                      (a) Is to be placed on a site not previously used for this</p>	<p>The scope of the project includes the construction of a telecommunication tower at the new proposed substation site. It will be outside an urban area and with a height of 36 metres.</p>

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Listed activities	Activity/Project description
<p><i>purpose and</i></p> <p>(b) Will exceed 15 metres in height, but excluding attachments to existing buildings and masts on roof tops.</p> <p><b>(b) In Gauteng:</b></p> <p>(i) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(iii) Sensitive areas as identified in an environmental management framework as contemplated in chapter of the Act and as irreplaceable or important sites in the Gauteng Conservation Plan;</p> <p>(v) Sites identified as irreplaceable or important sites in the Gauteng Conservation Plan;</p> <p>(vi) Areas larger than 2 hectares zoned for use as a public open space;</p> <p>(vii) Areas zoned for a conservation purpose.</p>	
<p><u>GN R. 546 Item 4:</u></p> <p>The construction of a road wider than 4 metres with a reserve less than 13.5 metres.</p> <p><b>(b) In Gauteng</b></p> <p>(ii) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(iii) Sensitive areas as identified in an environmental management framework as contemplated in chapter of the Act and as irreplaceable or important sites in the Gauteng Conservation Plan;</p> <p>(v) Sites identified as irreplaceable or important sites in the Gauteng Conservation Plan;</p> <p>(vi) Areas larger than 2 hectares zoned for use as a public open space.</p> <p>(vii) Areas zoned for a conservation purpose.</p>	<p>The powerline route in some areas is not adjacent to an existing road or servitude and as such new access roads may need to be established.</p>

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as described in the Application Form dated 31 May 2011 at:

<b>Substation Option A</b>	<b>Latitude</b>	<b>Longitude</b>
Demeter Main Transmission Substation	25°59.928'S	27°56.054'E
<b>Route Corridor Option 1</b>	<b>Latitude</b>	<b>Longitude</b>
Starting point of the powerlines	25°54.608'S	27°57.525'E
Middle point of the powerlines	25°57.539'S	27°57.747'E
End point of the powerlines	25°59.374'S	27°56.205'E

- for the proposed construction of 20km of 2 X 400kV powerline from the existing Apollo-Pluto 400kV powerline to the proposed 400kV Demeter Main Transmission Substation in Gauteng Province., hereafter referred to as "the property".

The infrastructure associated with this facility includes:

- Approximately 20km of 2 X 400kV transmission powerlines looping in and out of the existing 400kV Apollo-Pluto Transmission Powerline;
- Single circuit powerlines;
- Span of 300m to 350m from pylon to pylon;
- Cross rope type towers with self-supporting structures on bends;
- 3 X 315MVA, 400/88kV proposed Demeter Main Transmission Substation;
- The proposed Demeter Main Transmission Substation footprint of 500m X 500m (25ha);
- Telecommunication tower;
- Oil dam;
- Access road to the proposed Demeter Main Transmission Substation; and
- 400kV and 88kV feeder bays.

## **Conditions of this Environmental Authorisation**

### **Scope of authorisation**

1. The amended Route Corridor Option 1 (Option 1 and its northern deviation that follows Option 2 as it avoids the Cradle of Humankind) and Substation Option A is approved.
2. Authorisation of the activity is subject to the conditions contained in this authorisation, which form part of the environmental authorisation and are binding on the holder of the authorisation.



3. The holder of the authorisation is responsible for ensuring compliance with the conditions contained in this environmental authorisation. This includes any person acting on the holder's behalf, including but not limited to, an agent, servant, contractor, sub-contractor, employee, consultant or person rendering a service to the holder of the authorisation.
4. The activities authorised may only be carried out at the property as described above.
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.
6. This activity must commence within a period of five (5) years from the date of issue of this authorisation. 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.
7. Commencement with one activity listed in terms of this authorisation constitutes commencement of all authorised activities.
8. The holder of an environmental authorisation must notify the competent authority of any alienation, transfer and change of ownership rights in the property on which the activity is to take place.

#### **Notification of authorisation and right to appeal**

9. The holder of the authorisation must notify every registered interested and affected party, in writing and within 12 (twelve) calendar days of the date of this environmental authorisation, of the decision to authorise the activity.
  10. The notification referred to must –
    - 10.1. specify the date on which the authorisation was issued;
    - 10.2. inform the interested and affected party of the appeal procedure provided for in Chapter 7 of the Environmental Impact Assessment Regulations, 2010;
    - 10.3. advise the interested and affected party that a copy of the authorisation will be furnished on request; and
    - 10.4. give the reasons of the competent authority for the decision.
  11. The holder of the authorisation must publish a notice –
    - 11.1. informing interested and affected parties of the decision;
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- 11.2. informing interested and affected parties where the decision can be accessed; and
- 11.3. drawing the attention of interested and affected parties to the fact that an appeal may be lodged against this decision in the newspaper(s) contemplated and used in terms of regulation 54(2)(c) and (d) and which newspaper was used for the placing of advertisements as part of the public participation process.

### **Management of the activity**

12. The Environmental Management Programme (EMPr) submitted as part of the Application for EA is hereby approved. This EMPr must be implemented and adhered to.

### **Monitoring**

13. The applicant must appoint a suitably experienced Environmental Control Officer (ECO) for the construction phase of the development that will have the responsibility to ensure that the mitigation/rehabilitation measures and recommendations referred to in this authorisation are implemented and to ensure compliance with the provisions of the EMPr.
  - 13.1. The ECO must be appointed before commencement of any authorised activities.
  - 13.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
  - 13.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
  - 13.4. The ECO must remain employed until all rehabilitation measures, as required for implementation due to construction damage, are completed and the site is ready for operation.

### **Recording and reporting to the Department**

14. All documentation e.g. audit/monitoring/compliance reports and notifications, required to be submitted to the Department in terms of this authorisation, must be submitted to the *Director: Compliance Monitoring* at the Department.
  15. The holder of the authorisation must submit an environmental audit report to the Department within 30 days of completion of the construction phase (i.e. within 30 days of site handover) and within 30 days of completion of rehabilitation activities.
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16. The environmental audit report must indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the environmental authorisation conditions as well as the requirements of the EMPr.
17. Records relating to monitoring and auditing must be kept on site and made available for inspection to any relevant and competent authority in respect of this development.

#### **Commencement of the activity**

18. The authorised activity shall not commence within twenty (20) days of the date of signature of the authorisation.
19. In terms of section 43(7), an appeal under section 43 of the National Environmental Management Act, 1998 will suspend the environmental authorisation or any provision or condition attached thereto. In the instance where an appeal is lodged you may not commence with the activity until such time that the appeal has been finalised.

#### **Notification to authorities**

20. Fourteen (14) days written notice must be given to the Department that the activity will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence, as well as a reference number. This notification period may coincide with the notice of intent to appeal period.

#### **Operation of the activity**

21. Fourteen (14) days written notice must be given to the Department that the activity operational phase will commence.

### **Site closure and decommissioning**

22. Should the activity ever cease or become redundant, the applicant shall undertake the required actions as prescribed by legislation at the time and comply with all relevant legal requirements administered by any relevant and competent authority at that time.

### **Specific conditions**

23. Servitude negotiations with the land owners must take place before any construction activities starts. In addition, liaison with farm managers must within a reasonable period, prior to commencement of construction in order to allow sufficient time for them to plan their activities.
24. Access through burial ground (site S.36-001) is restricted and must be avoided. Written permission to access the construction site through this burial ground must be obtained from the affected families and the construction workers must be sensitised to the value of the site.
25. Should any evidence of archaeological sites or artefacts, paleontological fossils, graves or other heritage resources be found during construction, SAHRA and archaeologist and/or palaeontologist must be alerted immediately.
26. No activities are allowed to encroach into a water resource without a water use authorisation being in place from the Department of Water Affairs.
27. The applicant must obtain a wayleave from the Department of Public Transport Roads and Works prior construction.
28. Anti-collision devices such as bird flappers must be installed where powerlines crosses avifaunal corridors, as recommended by the avifaunal specialist. The input of an avifaunal specialist must be obtained for the fitting of the anti-collision devices onto specific sections of the line once the exact positions of the towers have been surveyed and pegged.
29. A botanist must be appointed to perform a final walkthrough of the alignment to identify sensitive plant species, and assist in identifying the areas that require protection.
30. A permit must be obtained from the relevant nature conservation agency for the removal or destruction of indigenous protected and endangered plant and animal species. Copies of permits in respect of any activity related to the proposed project must be submitted to the Department for record keeping.
31. No exotic plants may be used for rehabilitation purposes. Only indigenous plants of the area may be utilised.

32. Vegetation clearing must be kept to an absolute minimum. Mitigation measures must be implemented to reduce the risk of erosion and the invasion of alien species.
33. Construction must include appropriate design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
34. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling, re-use and disposal where appropriate. Any solid waste shall be disposed of at a landfill licensed in terms of section 20 (b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008).

### **General**

35. A copy of this authorisation and the approved EMPr must be kept at the property where the activity/ will be undertaken. The authorisation and approved EMPr 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.
36. The holder of the authorisation must notify both the *Director: Integrated Environmental Authorisations* and the *Director: Compliance Monitoring* at the Department, in writing and within 48 (forty eight) hours, if any condition of this authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.
37. National government, provincial government, local authorities or committees appointed in terms of the conditions of this authorisation or any other public authority shall not be held responsible for any damages or losses suffered by the applicant or his successor in title in any instance where construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.

Date of environmental authorisation: 10/09/2014

  
Ms Linda Garlipp

Acting Deputy Director-General: Legal, Authorisations, Compliance and Enforcement  
Department of Environmental Affairs

## Annexure 1: Reasons for Decision

### 1. 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 final BAR dated March 2013 and subsequent additional information received by the Department on 27 August 2013, 03 October 2013 and 15 May 2014;
- b) The comments received from the organs of state and interested and affected parties as included in the abovementioned documents;
- c) Mitigation measures as proposed in the final BAR dated March 2013 and the EMPr;
- d) The information contained in the specialist studies contained within Appendix D of the final BAR dated March 2013;
- e) Findings of the site visit conducted on 07 May 2013; and
- f) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act 107 of 1998).

### 2. 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 findings of all the specialist studies conducted and their recommended mitigation measures.
- b) The need for the proposed project stems from the growing need to increase the security and reliability of electricity supply to meet the needs of present and future customers.
- c) The final BAR dated March 2013 identified all legislation and guidelines that have been considered in the preparation of the BAR.
- d) The methodology used in assessing the potential impacts identified in the final BAR dated March 2013, the subsequent documents received and the specialist studies have been adequately indicated.

- e) A sufficient public participation process was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations, 2010 for public involvement.

### **3. Findings**

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

- a) The identification and assessment of impacts are detailed in the final BAR dated March 2013 and sufficient assessment of the key identified issues and impacts have been completed.
- b) The procedure followed for impact assessment is adequate for the decision-making process.
- c) The proposed mitigation of impacts identified and assessed adequately curtails the identified impacts.
- d) The information contained in the final BAR dated March 2013 and subsequent documents received by this Department is accurate and credible.
- e) EMPr measures for the pre-construction, construction and rehabilitation phases of the development were proposed and included in the final BAR and will be implemented to manage the identified environmental impacts during the construction process.

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 environmental authorisation is accordingly granted.