



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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DEA Reference: 14/12/16/3/3/1/1499

Enquiries: Ms Matthodi Mogorosi

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Ms Deidre Herbst
Eskom Holdings SOC Ltd
P.O. Box 1091
JOHANNESBURG
2000

Tel No: 011-800-3501
E-mail: Deidre.herbst@eskom.co.za

PER MAIL / E-MAIL

Dear Ms Herbst

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: GN R. 982/983: KRIEL-MATLA ASH TRANSFER LINK BETWEEN KRIEL AND MATLA POWER STATION NEAR KRIEL, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA 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 4(2) of the Environmental Impact Assessment Regulations, 2014 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 14 (fourteen) 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 2 of Government Notice No. R.993, which prescribes the appeal procedure to be followed. An appellant must submit an appeal to the appeal administrator, and a copy of the appeal to the applicant, any registered interested and affected party and any organ of state with interest in the matter within 20 days from the date that the notification of the decision was sent to the registered interested and affected parties by the applicant.

By post: Private Bag X447,
Pretoria, 0001; or
By hand: Environment House
473 Steve Biko,
Arcadia,
Pretoria, 0083

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.

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Appeals must be submitted in writing to:

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

Tel: (012) 399 9356

Email: Appealsdirector@environment.gov.za

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.

For guidance on appeals submitted to the Minister in terms of NEMA and the SEMAs, please find a copy of the guideline on the administration of appeals on the Department's website:
(https://www.environment.gov.za/documents/forms#legal_authorisations).

Kindly include a copy of this document with the letter of notification to interested and affected parties.

Yours faithfully



Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs

Date: 25/04/2016

CC:	Ms V Stippel	Nemai Consulting	Tel: 011-781-1730	Email: vanessas@nemai.co.za
	Ms D Tswai	Department of Economic Development, Environment & Tourism (Mpumalanga)	Tel: 013-690-2595	Email: dtswai@wit.mpu.gov.za
	Mr J van Vuuren	Emalahleni Local Municipality	Tel: 013-690-6208	Email: mbethefak@emalahleni.gov.za





environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Environmental Authorisation

In terms of regulation 25 of the Environmental Impact Assessment Regulations, 2014

**CONSTRUCTION OF THE KRIEL-MATLA ASH TRANSFER LINK BETWEEN KRIEL AND MATLA
POWER STATION NEAR KRIEL, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY,
MPUMALANGA PROVINCE**

NKANGALA DISTRICT MUNICIPALITY

Authorisation register number:	<i>14/12/16/3/3/1/1499</i>
Last amended:	<i>First issue</i>
Holder of authorisation:	<i>ESKOM HOLDINGS SOC LTD</i>
Location of activity:	<i>MPUMALANGA PROVINCE: within Ward 27 of the Emalahleni Local Municipality</i>

This environmental 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.

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 environmental 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 No.107 of 1998) and the Environmental Impact Assessment Regulations, 2014 the Department hereby authorises –

ESKOM HOLDINGS SOC LTD

(hereafter referred to as the **holder of the authorisation**)

with the following contact details –

Ms Deidre Herbst
Eskom Holdings SOC Ltd
P.O. Box 1091
JOHANNESBURG
2000

Tel: 011 800 3501

Cell: 083 660 6092

E-mail: Deidre.herbst@eskom.co.za

to undertake the following activities (hereafter referred to as “the activity”) indicated in Listing Notice 1 (GN R. 983):

Listed activities	Activity/Project description
<p><u>GN R. 983 Item 10:</u></p> <p><i>The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes-</i></p> <p><i>(i) with an internal diameter of 0,36 metres or more;</i></p> <p><i>or</i></p> <p><i>(ii) with a peak throughput of 120 litres per second or more;</i></p>	<p>Four Ash Slurry Pipelines with a design flow rate of approximately 210litres/s (753m³/hour) and three Ash Water Return Pipelines with a design flow rate of 200 litres/s (720m³/hour) will be put in place to transport ash from Kriel Ash Dam to Matla Ash Dam and Ash Return Water from Matla Ash Dam to Kriel Ash Dam.</p> <p>This activity will take place outside an urban area. In addition, two 0.675m diameter concrete drain pipes will be placed on either side of the pipe servitude to divert any slurry or ash water spillage to Matla Ash Dam.</p>
<p><u>GN R. 983 Item 12:</u></p> <p><i>The development of –</i></p> <p><i>(iii) bridges exceeding 100 square metres in size;</i></p> <p><i>(xiii) infrastructure or structures with a physical footprint of 100 square metres or more;</i></p> <p><i>where such development occurs-</i></p> <p><i>(a) within a watercourse;</i></p> <p><i>(b) in front of a development setback; or</i></p> <p><i>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;</i></p>	<p>Two pipe bridges of approximately 308m² and 187m² respectively will be constructed within a watercourse outside an urban area.</p>
<p><u>GN R 983 Item 19</u></p> <p><i>The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic</i></p>	<p>The excavation of more than 5m³ of material from a watercourse for the construction of the pipes and bridges.</p>

Listed activities	Activity/Project description
<i>metres from-</i> <i>(i) a watercourse</i>	
<u>GN R 983 Item 24:</u> <i>The development of-</i> <i>(ii) a road with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres;</i>	Two access roads with a combined width of 10m (2 x 5m) will be constructed on either side of the pipelines.

as described in the Basic Assessment Report (BAR) dated December 2015 at:

Farm Names:

Farm Bakenlaagte 84 IS Portion 4;

Farm Driefontein 69 IS Portion 10, 11, 12, 13, 15, 17 and 30;

Farm Kriel Power Station 65 IS Remaining Extent;

Farm Onverwacht 70 IS Portion 15 and 16; and

Farm Vlaklaagte 83 IS Portion 2

21 Digit SG codes:

T	0	I	S	0	0	0	0	0	0	0	0	0	0	8	4	0	0	0	0	4
T	0	I	S	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	1	0
T	0	I	S	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	1	1
T	0	I	S	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	1	2
T	0	I	S	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	1	3
T	0	I	S	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	1	5
T	0	I	S	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	1	7
T	0	I	S	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	3	0
T	0	I	S	0	0	0	0	0	0	0	0	0	0	6	5	0	0	0	0	0
T	0	I	S	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	1	5
T	0	I	S	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	1	6
T	0	I	S	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0

Ash Water Return Pipeline Route	Latitude	Longitude
Alternative 1		

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Start point	26°17'33.46"S	29°10'13.16"E
	26°17'31.02"S	29°10'5.10"E
	26°17'29.28"S	29°9'56.58"E
	26°17'29.92"S	29°9'50.99"E
	26°17'22.61"S	29°9'51.31"E
	26°17'20.81"S	29°9'57.73"E
	26°17'17.96"S	29°10'6.91"E
	26°17'15.09"S	29°10'15.60"E
	26°17'8.26"S	29°10'22.18"E
	26°17'1.86"S	29°10'27.66"E
	26°16'57.47"S	29°10'35.45"E
	26°16'53.81"S	29°10'43.42"E
	26°16'49.25"S	29°10'52.91"E
	26°16'46.29"S	29°11'2.50"E
	26°16'48.69"S	29°11'11.53"E
	26°16'51.01"S	29°11'20.70"E
	26°16'45.55"S	29°11'19.51"E
End point	26°16'37.33"S	29°11'13.46"E

Slurry Transfer Pipeline Route Alternative 1	Latitude	Longitude
Start point	26°17'26.16"S	29°12'1.53"E
	26°17'19.36"S	29°11'58.13"E
	26°17'10.77"S	29°11'56.47"E
	26°17'2.47"S	29°11'53.26"E
	26°16'59.46"S	29°11'45.12"E
	26°16'57.01"S	29°11'36.54"E
	26°16'54.46"S	29°11'26.95"E
	26°16'51.77"S	29°11'18.55"E
	26°16'48.60"S	29°11'7.73"E
	26°16'48.04"S	29°10'59.03"E

	26°16'55.14"S	29°10'57.94"E
	26°16'59.90"S	29°10'59.01"E
	26°16'49.68"S	29°11'22.20"E
	26°16'44.55"S	29°11'17.17"E
	26°16'38.40"S	29°11'13.67"E
	26°16'30.30"S	29°11'16.66"E
	26°16'22.98"S	29°11'12.54"E
	26°16'15.90"S	29°11'7.68"E
	26°16'18.50"S	29°11'0.74"E
	26°16'16.90"S	29°10'54.74"E
	26°16'10.78"S	29°10'49.52"E
	26°16'7.13"S	29°10'56.35"E
	26°16'5.28"S	29°11'5.25"E
	26°16'3.81"S	29°11'13.58"E
End point	26°16'4.97"S	29°11'17.43"E

the location indicated in the locality plan, attached as Annexure 2 of this authorisation.

- for the construction of the Kriel-Matla ash transfer link located near Kriel, within the Emalahleni Local Municipality in Mpumalanga Province, hereafter referred to as "the property". The ash transfer link will take place between the Kriel and Matla Power Stations on an already disturbed servitude.

The development will entail the following activities:

- Four Ash Slurry Pipelines with a diameter of approximately 300mm and a design flow rate of approximately 210 litres/s (753m³/hour) for the transfer of 100% of Kriel Power Station ash to Matla Power Station Ash Dam;
- Three Ash Water Return Pipelines with a diameter of approximately 350mm and a design flow rate of 200 litres/s (720m³/hour) for the return of all Kriel ash water from the Matla Power Station Ash Dam to Kriel Power Station;
- A new booster pump house for Kriel's AWR will be constructed adjacent to the existing Matla booster pump house, which will accommodate three new booster pumps;
- A new barge at the Matla ash water return dam that accommodates three pumps and pipelines to this new booster pump house will also be required;

- Solution trenches will be installed on either side of the pipelines along the entire servitude to contain ash and AWR spillages as well as divert it to the nearest ash dam solution trench or containment sump;
- The servitude at Matla Power Station will be equipped with two 675 mm outer diameter concrete drain pipes on either side of the servitude. These drain pipes will contain and divert ash and/or AWR spillages to the Matla Power Station Ash Dam solution trench.
- The servitude at Kriel Power Station will also be equipped with two collection sumps, one on either side of the servitude, which will receive ash and/or AWR from the trenches and contain it during a spillage;
- Two pipe bridges of approximately 308m² and 187m² respectively will be constructed for the pipes to cross the two watercourses. The bridges will be enclosed at the bottom and sides to contain and divert ash and/or AWR spillages; and
- Two access roads with a combined width of 10m (2 x 5m) will be constructed on either side of the pipelines for ease of access for maintenance. Concrete pipe sleeves will be installed on the pipe crossing at the existing Mine Haul Road (mine service road), to accommodate the pipes. Two additional sleeves will also be installed for redundancy.

Conditions of this Environmental Authorisation

Scope of authorisation

1. Route Alternative 1 for the development of the Kriel-Matla ash transfer link, which entails the installation of four new ash pipelines from the Kriel Power Station to Matla Power Station as well as an Ash Water Return System comprising of three pipelines, located near Kriel, within Emalahleni Local Municipality, is approved as per the geographic coordinates above.
2. Authorisation of the activity is subject to the conditions contained in this environmental 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 environmental 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 environmental authorisation in terms of the regulations.
6. The holder of an environmental authorisation must apply for an amendment of the environmental authorisation with the competent authority for any alienation, transfer or change of ownership rights in the property on which the activity is to take place.
7. This activity must commence within a period of five (05) years from the date of issue of this environmental 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.
8. Commencement with one activity listed in terms of this environmental authorisation constitutes commencement of all authorised activities.

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 14 (fourteen) 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 environmental authorisation was issued;
 - 10.2. inform the interested and affected party of the appeal procedure provided for in the National Appeal Regulations, 2014;
 - 10.3. advise the interested and affected party that a copy of the authorisation will be furnished on request; and
 - 10.4. provide 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;
 - 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 terms of the National Appeal Regulations, 2014.

Commencement of the activity

12. The authorised activity shall not commence until the period for the submission of appeals has lapsed as per the National Appeal Regulations, 2014. 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.

Management of the activity

13. The Environmental Management Programme (EMPr) submitted as part of the Application for EA must be amended and submitted to the Department for written approval prior to commencement of the activity. The recommendations and mitigation measures recorded in the specialist studies as contained in Appendix D of the BAR dated December 2015 must be incorporated as part of the EMPr. Once approved, the EMPr must be implemented and adhered to.

Frequency and process of updating the EMPr

14. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 21 below, indicate insufficient mitigation of environmental impacts associated with the undertaking of the activity, or insufficient levels of compliance with the environmental authorisation or EMPr.
15. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
16. The updated EMPr must be submitted to the Department for approval together with the environmental audit report, as per Regulation 34 of GN R. 982. The updated EMPr must have been subjected to a public participation process, which process has been agreed to by the Department, prior to submission of the updated EMPr to the Department for approval.
17. In assessing whether to grant approval of an EMPr which has been updated as a result of an audit, the Department will consider the processes prescribed in Regulation 35 of GN R.982. Prior to approving an amended EMPr, the Department may request such amendments to the EMPr as it deems appropriate to ensure that the EMPr sufficiently provides for avoidance, management and mitigation of environmental impacts associated with the undertaking of the activity.
18. The holder of the authorisation may apply for an amendment of an EMPr, if such amendment is required before an audit is required. The holder must notify the Department of its intention to amend the EMPr at least 60 days prior to submitting such amendments to the EMPr to the Department for approval. In assessing whether to grant such approval or not, the Department will consider the processes and requirements prescribed in Regulation 37 of GN R. 982.

Monitoring

19. The holder of the authorisation must appoint an experienced independent 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 environmental authorisation are implemented and to ensure compliance with the provisions of the approved EMPr.
- 19.1. The ECO must be appointed before commencement of any authorised activities.
- 19.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.

- 19.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a schedule of tasks undertaken by the ECO.
- 19.4. 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

20. All documentation e.g. audit/monitoring/compliance reports and notifications, required to be submitted to the Department in terms of this environmental authorisation, must be submitted to the *Director: Compliance Monitoring* of the Department.
21. The holder of the environmental authorisation must, for the period during which the environmental authorisation and EMPr remain valid, ensure that project compliance with the conditions of the environmental authorisation and the EMPr are audited, and that the audit reports are submitted to the *Director: Compliance Monitoring* of the Department.
22. The frequency of auditing and of submission of the environmental audit reports must be as per the frequency indicated in the EMPr, taking into account the processes for such auditing as prescribed in Regulation 34 of GN R. 982.
23. The holder of the authorisation must, in addition, 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 a final environmental audit report within 30 days of completion of rehabilitation activities.
24. The environmental audit reports must be compiled in accordance with Appendix 7 of the EIA Regulations, 2014 and 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 approved EMPr.
25. 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.

Notification to authorities

26. A written notification of commencement must be given to the Department no later than fourteen (14) days prior to the commencement of the activity. 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.
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Site closure and decommissioning

27. Should the activity ever cease or become redundant, the holder of the authorisation must 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

Conditions for non-operational aspects of the development (construction phase)

28. No activities, which require a water use authorisation, will be allowed to encroach into a water resource without a water use authorisation being in place from the Department of Water and Sanitation.
29. A permit must be obtained from the relevant nature conservation agency for the removal or destruction of any indigenous protected and endangered plant and animal species if required.
30. Ablution facilities must be placed outside of the 1:100 year floodline of a watercourse.
31. No exotic plants may be used for rehabilitation purposes. Only indigenous plants occurring within a ten (10) kilometre radius of the development site must 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 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. Should there be road permits required in relation to the pipe-jacking activities, the provincial roads and transport authority must be contacted and the relevant permits applied for prior to commencement with any activities.
35. 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.
36. Any solid waste, which will not be recycled, must be disposed of at a landfill licensed in terms of section 20 (b) of the National Environment Management Waste Act, 2008 (Act No.59 of 2008). No waste material may be left on site after construction.
37. If any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, marine shell and charcoal/ash concentrations), unmarked human burials, fossils or other categories of heritage resources are found during construction, the South African Heritage Resources Agency (SAHRA)

must be alerted immediately, and a professional archaeologist or palaeontologist, must be contacted as soon as possible to inspect the findings.

Conditions for Operational aspects of the development

38. A written notification of operation must be given to the Department no later than fourteen (14) days prior to the commencement of the activity operational phase.
39. The operational phase mitigation measures as included in the EMPr must be implemented, adhere to and strictly enforced for the operational phase of the development.

General

40. A copy of this environmental authorisation, the audit and compliance monitoring reports, and the approved EMPr, must be made available for inspection and copying-
 - 40.1. at the site of the authorised activity;
 - 40.2. to anyone on request; and
 - 40.3. where the holder of the environmental authorisation has a website, on such publicly accessible website.
41. 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 holder of the authorisation or his/her 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 holder of the authorisation 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: 25/04/2015


Mr Sabelo Malaza

Chief Director: Integrated Environmental Authorisations
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 BAR dated December 2015;
- b) The comments received from interested and affected parties as included in the BAR dated December 2015;
- c) Mitigation measures as proposed in the BAR dated December 2015 and the EMPr;
- d) The information contained in the specialist studies contained within Appendix D of the BAR; and
- e) 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).

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 project need was sufficiently addressed. The Kriel Power Station Ash Dam will reach its maximum capacity in approximately June 2017 and Eskom is currently in the process of undertaking the application for environmental authorisation for a new Ash Dam. However, according to the latest schedule a new ash dam will only be commissioned in September 2020, thus Kriel Power Station will not have sufficient capacity to deal with the ash generated between 2017 and 2020. The ash transfer link between the two power stations will therefore ensure continued electricity generation by the Kriel Power Station.
- c) The BAR dated December 2015 identified all relevant environmental legislation and guidelines that have been considered in the preparation of the BAR dated December 2015.
- d) The methodology used in assessing the potential impacts identified in the BAR dated December 2015 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, 2014 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 BAR dated December 2015 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) According to the independent Environmental Assessment Practitioner, the information contained in the BAR dated December 2015 is accurate and credible.
- e) EMPr measures for the pre-construction, construction and rehabilitation phases of the development were proposed and included in the BAR and will be implemented to manage the identified environmental impacts during the construction phase.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the authorised activities 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 authorised activities can be mitigated to acceptable levels. The environmental authorisation is accordingly granted.

Annexure 2: Locality Plan

