



PRE-APPLICATION CHECKLIST

Project applicant:	Eskom Holdings Limited		
Business reg. no./ID. no.:	200201522706		
Contact person:	Ms. Carol Streaton		
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SECTION I: ENVIRONMENTAL CONSIDERATIONS

Please provide the following:

a **locality plan**, which clearly shows the site in relation to the surrounding area. The plan must be of sufficient quality to enable the Department to locate the site for the purposes of a site inspection.

a **site plan**, indicating the proposed new development, existing infrastructure, servitudes, 1:50 year flood line, 1:100 year flood line and any additional information that may be of assistance to the Department in considering the application.

photographs of the site and its surroundings (taken of the site and from the site). The vantage points from which the photographs were taken, must be indicated on the site plan, or locality plan as applicable. If available, please also provide a recent aerial photograph.

a **letter of consent** from the landowner, if the site of the proposed development is rented or leased

Is the proposed activity a new development or an upgrade of an existing development?

New development

Which of the listed activities in Schedule 1 & 2 of GN. R. 1182 apply to the development? Please indicate all activities that are applicable.

1 (a)

What is the size/scale of the project?

What is the total area of the development site?

The proposed development is a linear development which is approximately 305km in length.

Indicate the area of the site that will need to be disturbed in order for the proposed activity to take place.

N/A

Indicate the extent of the footprint for the proposed activity in relation to the site in its entirety.

N/A

What is the current land use of the proposed site(s) for the activity and surrounding land uses?

What is the current land use on the proposed development site?

Built up areas and farmlands.

What is the land use in the area surrounding the proposed development site?

Same as above

Does the proposed activity fit in with forward planning documents for example, Integrated Development Plans and Spatial Development Frameworks? Please reference the source of confirmation.

Yes, the Coega Integrated Development Plan.

Please indicate whether any of the following emissions and wastes will be produced by the project during the construction and operational phases?

Item	Yes / No	Source & anticipated volumes
Air emissions	Yes	Dust during construction.
Odours	No	
Radiation	No	
Noise	Yes	During construction.
Industrial or agricultural effluent	No	
Domestic, industrial or agricultural solid waste	No	
Hazardous solid or liquid waste	No	

Will the project involve the use of, storage of or production of hazardous substances? **No**

Substance	Volume
<i>N/A</i>	<i>N/A</i>

How will the site be serviced and who will provide the services and/or infrastructure?
 Is service infrastructure available and can the project readily be connected to existing services infrastructure?
 OR will service infrastructure have to specifically be developed for the project.

Limited services required and the services will be provided by Eskom

Please provide details in the table below and attach correspondence confirming service provision from the relevant service provider, if available.

Item	Service Provider	Amount or capacity required
Water supply	N/A	Peak demand (l/s):
		Average demand (kl/day):
Water abstraction (indicate source and any existing water servitudes)	N/A	Peak demand (l/s):
		Average demand (kl/day):
Electricity (indicate any existing servitudes)	N/A	Peak demand (kVA):
		Average demand (kVA):
Solid waste	N/A	Collection (m ³):
		Transport (m ³):
		Disposal (m ³):
		Treatment (m ³):
Sewerage effluent	N/A	Peak flow (l/s):
		Average flow (kl/day):
Stormwater	N/A	Peak flow (l/s):
		Average flow (l/s):
Access (roads, rail)	N/A	Access tracks, to service powerlines

Other	N/A	
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Please describe any alternatives that address environmental issues related to the development that are being considered (e.g. project layout, project site, technology selection, access)? NOTE: If alternatives are not being considered, please submit an adequately motivated request in terms of Section 28 A for exemption from considering alternatives together with this checklist.

Alternative	Description and Comments (Indicate which environmental impacts will be mitigated by way of the alternatives proposed)
	Please refer to Plan of Study

Please provide information in the table below for **EVERY SENSITIVE FEATURE** listed below. Please note that it is not necessary to commission specialist studies to respond to this table. Information can be verified through discussion with the relevant authorities, published scientific papers/knowledge, local agricultural extension officers, local nature conservation officers and other similar means.

Feature	Y/N	Distance (m)	Description of sensitive feature	Verified	
				Y/N	Source of verification
Unique geological feature	N				
Steep slopes (>1:4)	Y	Within study area	To be determined by specialist study.		
High potential agricultural land/soil	Y	Within study area	To be determined by specialist study.		
Mountainous area	Y	Within study area	To be determined by specialist study.		
River, dam, lake or wetland	Y	±200m from	To be determined by specialist study.		

A floodplain or within 1:50 floodline/1:100 floodline	Y		To be determined by specialist study.		
Currently used or potentially valuable groundwater resources	N		To be determined by specialist study.		
Marine life	N				
Area below the high water mark	N				
Coastline or coastal feature such as dunes, estuaries and lagoons	N				
Areas occupied by sensitive indigenous vegetation (e.g. ecotones, centres of endemism, unique vegetation types, etc.)	Y		To be determined by specialist study.		
A habitat that is essential for the conservation of threatened plant or animal species.	Y	Within the study area	To be determined by specialist study.		
Breeding sites or migration routes of animal species	Y		To be determined by specialist study.		
Any protected plant or animal species or species that is known to be threatened (e.g. listed as a Red Data species)	Y		To be determined by specialist study.		

Unique architectural area (e.g. Urban Conservation Zone)	N				
Cultural or historical sites (e.g., battle site, historical monument, graveyard, sites for burial, worship, initiation)	Y	Within the study area	To be determined by specialist study		
Archaeologically/paleontologically significant area (e.g. fossils, rock art, etc.)	Y	Within the study area	To be determined by specialist study		
Designated or proposed nature conservation area (e.g. nature reserve, conservancy, Biosphere Reserve, World Heritage Site, Ramsar Site)	Y	Within the study area	To be determined by specialist study		
A green belt or public open space	N				
A formal or informal residential area	Y	Within the study area	To be determined by specialist study		
A community facility (school, hospital, sports hall/fields)	Y				
A transition or buffer zone (e.g. urban edge, transition zone in a biosphere reserve)	N				
A scenic landscape	Y				
Area or site of natural beauty	Y				

A significant tourism route or scenic drive	N				
Other, specify.					

SECTION II: LEGAL & POLICY CONSIDERATIONS

Is the project subject to any local authority authorizations (e.g. effluent disposal, land use planning, permit for fuel burning devices, development in sensitive coastal areas or in designated protected natural areas)? If yes, please provide a summary of discussions and agreements with local authorities, if any.

Authorization	Y/N	Application submitted?		Application approved?	
		Y/N	Date	Y/N	Date
Land use planning					
Type of land use planning application:					
Effluent disposal					
Water supply					
Fuel burning device (e.g. boiler, furnace)		N/A			
Protected natural environment (PNE)					
Sensitive coastal area (e.g. OSCA)					
Noise					
Odours					
Other, specify:					

Has any national, provincial or local authority considered any development applications on the property previously? If so, please give a brief description of these applications, indicating if the applications were successful or not, as well as the periods of validity or expiry dates.

Previous application	Yes	No	√
Type/nature of application: N/A			
Authority that considered application: N/A			

Application approved	Yes		No	
Reasons for decision: N/A				
Period of validity of decision and expiry dates: N/A				

Is an amendment to the Structure Plan (including regional structure plans and former guide plans) required in order to accommodate the proposed development? If so, please indicate whether an application has been lodged with the relevant authority in this regard.

N/A

The project may require licenses/permits from other authorities in the case of a new development, or revisions to existing licenses/permits in the case of an extension or upgrade of an existing development. If the response to any of the following questions is affirmative then you are advised to query the matter further with the relevant authority in addition to submitting this checklist to the Department of Tourism, Environment & Conservation. If you are uncertain about the legislation that is applicable to your development, please consult the relevant authority as shown in the table.

National and Provincial Legislation: Please provide relevant details in the table below and attach any licenses/permits already issued for the project.

Athorization	Y/N	Application submitted?		Application approved?	
		Y/N	Date	Y/N	Date
Air emissions - Refer to the Second Schedule of the Atmospheric Pollution Prevention Act, 1965 (Act No. 45 of 1965) (<u>Dept. of Environment Affairs & Tourism</u> - Applicable to industrial and manufacturing projects where air emissions will be discharged to atmosphere generally via a smoke stack or to extractive industries where dust will be generated)		N			
Comments: N/A					

<p>Effluent disposal - Refer to the Section 21 of the National Water Act, 1998 (Act No. 36 of 1998).</p> <p>(Dept. of Water Affairs & Forestry – Applicable to projects where liquid waste is produced and will be disposed to a watercourse, wetland, dam or the sea. If effluent is to be discharged to a municipal sewer, application must be made to the relevant local authority)</p>	N				
<p>Water use – Refer to section 7 of the Water Services Act, 1997 (Act No. 108 of 1997) and Chapter 4 of the National Water Act, Act 108 of 1998.</p> <p>(Dept. of Water Affairs & Forestry – Applicable to projects where the water required for the project will be obtained from a source other than from an established municipal supply system)</p>	N				
<p>Solid waste disposal - Refer to section 20 of the Environmental Conservation Act, 1989 (Act No. 73 of 1989) and the Minimum requirements for Waste Management from Dept. Water Affairs & Forestry</p> <p>(Dept. of Water Affairs & Forestry – Applicable to any project where a solid waste disposal transfer station, treatment facility or disposal site is to be established or where a waste product will be stored for more than three months)</p>	N				
<p>Development of structures and lease of land below the high water mark- Refer to the Sea Shore Act, 1935 (Act No. 21 of 1935)</p> <p>(Dept. of Environmental Affairs & Tourism)</p>	N				
<p>Comments: N/A</p>					
<p>Comments: N/A</p>					
<p>Comments: N/A</p>					
<p>Comments: N/A</p>					

<p>Driving of vehicles and construction of boat launching sites within the coastal zone - Refer to the Control of Vehicles in the Coastal Zone Regulations promulgated in terms of section 44 of The National Environmental Management Act, 1998 (Act No. 107 of 1998)</p> <p>(Dept of Environmental Affairs & Tourism, Dept of Tourism, Environment & Conservation, SANParks and relevant local authority)</p>	<p>N</p>				
<p>Agricultural activities - refer to the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983)</p> <p>(<u>Dept of Agriculture & Land Reform</u> - Applies to projects where agricultural activities involving ploughing and clearing of virgin land is being considered)</p>	<p>N</p>				
<p>Archaeological , cultural, historical and other resources related to national heritage - Refer to the National Heritage Resources Act, 1999 (Act No. 25 of 1999)</p> <p>(<u>Heritage Northern Cape/SAHRA</u>- Applies to projects where there are naturally and culturally significant features on or adjacent to the site where development is being proposed)</p>	<p>N</p>				
<p>Removal of indigenous fauna and/or flora - refer to the Nature Conservation Legislation: Nature and Environmental Conservation Ordinance, 1974 (Ordinance No. 19 of 1974) and National Forests Act (Act No. 84 of 1998)</p> <p>(<u>Northern Cape Conservation Services</u> - Applies where fauna and flora may need to be removed and relocated. Applies to projects that involve the establishment of private nature reserves, development within nature reserves, establishment of nurseries or zoos</p> <p><u>Dept. of Water Affairs & Forestry</u> – Applies where indigenous trees may need to be removed).</p>	<p>N</p>				
<p>Comments: N/A</p>					

<p>Hazardous Installations - Refer to the Major Hazard Installation Regulations promulgated in 1998 in terms of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) – Section on Major Hazard Installation).</p> <p>(Dept of Labour & Dept. of Environmental Affairs & Tourism – Applicable to projects where hazardous substances are stored and /or produced. Also refer to section 2 (1) of the Hazardous Substances Act, 1973 (Act No. 15 of 1973)</p>	N				
<p>Other, specify</p>	<p>Comments: N/A</p>				
	N				
	<p>Comments: N/A</p>				

SECTION IV: SOCIO-ECONOMIC CONSIDERATIONS

What is the envisaged start and end date of the proposed development?

Start date:	Please refer to Plan of Study	End date:	Please refer to Plan of Study
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What is the total cost of the proposed development? Please indicate if the information provided is confidential.

Total development cost	R500 000 000.00	Information confidential	Yes		No	√
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How many jobs will be created by the proposed development?

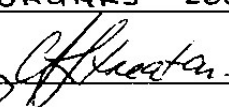
Number of permanent jobs	2	Number of temporary jobs	200
Number of jobs to be provided to Northern Cape residents			100

Please provide a brief description of the socio-economic characteristics of the area in which the project is proposed. Indicate possible negative and positive social consequences/implications.

The project area consists mainly of small sparsely populated areas. The main source of income is farming and limited mining. Many of the residents in the area are labourers.	
Positive social implications <ul style="list-style-type: none"> Employment; Stimulation of the local economy; and Source of power to various areas. 	Negative social implications <ul style="list-style-type: none"> Resettlement of affected communities; Disruption of existing land use and farming practices; Loss of cultivated land and farming and game farming operations.

DECLARATION: I _____ hereby declare that the information provided is to the best of my knowledge true and correct and I acknowledge that I understand my responsibilities in terms of Government Notice No. R.1183 of 5 September 1997 and that failure to comply with these requirements may constitute an offence in terms of the Environment Conservation Act, 1989 (Act No. 73 of 1989).

Signed at PRETORIA this 21st day of FEBRUARY 2006

Applicant: C. STRETON Signature: 

Witness:  Witness: 