

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)					
File Reference Number:						
NEAS Reference Number:	DEA/EIA/					
Date Received:						
Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 10 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 (the Regulations)						
PROJECT TITLE						
The proposed relocation of three Eskom 400KV powerlines that traverse Anglo Operations (Pty) Ltd (AOL) Khwezela Colliery (formerly known as Landau Colliery Mining Right area) in Mpumalanga						
Indicate if the DRAFT report accompanies th	e application Yes ☐ No ■					
y						

Kindly note that:

- 1. This application form is current as of 1 April 2016. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
- The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
- 3. Where applicable black out the boxes that are not applicable in the form.
- 4. The use of the phrase "not applicable" in the form must be done with circumspection.
- 5. This application must be handed in at the offices of the National Department of Environmental Affairs where the Minister is the competent authority in respect of the application.
- 6. No faxed or e-mailed applications will be accepted. An electronic copy (in the form of a CD) of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).
- 7. Unless protected by law, all information filled in on this application form may become public information on receipt by the competent authority.
- Should a specialist report or report on a specialised process be submitted at any stage for any part
 of this application, the terms of reference for such report and declaration of interest of the specialist
 must also be submitted.
- 9. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

Departmental Details

The application must be addressed to the Chief Directorate: Integrated Environmental Authorisations at:

Postal address:

Department of Environmental Affairs

Attention: Director: Integrated Environmental Authorisations

Private Bag X447

Pretoria 0001

Physical address:

Department of Environmental Affairs

Attention: Director: Integrated Environmental Authorisations

Environment House 473 Steve Biko Road Arcadia

Pretoria

Queries must be addressed to the contact below:

E-mail: <u>EIAAdmin@environment.gov.za</u>

Please note that this form <u>must</u> be copied to the relevant provincial environmental department/s.

View the Department's website at http://www.environment.gov.za/ for the latest version of the documents.

1. **PROOF OF PAYMENT**

Applicants	are require	d to tick th	e appropriate	e box belov	<i>w</i> to indica	e that	either proof	of p	ayment is
attached o	r that, in the	e applicant	s view, an e	xclusion ap	oplies. Prod	f and	a motivation	for	exclusions
must be att	ached to this	s applicatio	n form in App	pendix 1.					

Proof of payment attached as Appendix 1	
Exclusion applies	

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	
The applicant is an organ of state	X

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000

Department of Environmental Affairs' details for the payment of application fees:

Payment Enquiries:
Tel: 012 399 9119
Email: eiafee@environment.gov.za
Banking details:
ABSA Bank
Branch code: 632005
Account number: 1044 2400 72
Current account
Reference number : Reference number to be provided in the specific format indicating centre point coordinates
of site in decimal degrees to 5 or 6 decimal places: latitude/longitude
eg33.918861/18.423300
Proof of payment must accompany the application form: Indicate reference number below.
Tax exemption status:
Status: Tax exempted
Reference number:
* Land dramate stand discount mitter is drawn division and account of the standard of the stan

2. PROJECT DESCRIPTION

Please provide a detailed description of the project.

The objective of the project is to relocate three existing Eskom 400 kV powerlines. The three Eskom 400kV powerlines traverse the Anglo American Coal South Africa (AACSA) Khwezela Colliery (formerly known as Landau Colliery Mining Right area) immediately west of the N12 freeway south ofeMahlahleni. The current 400 kV powerline route extends across previously mined underground bord and pillar workings of the numbers 2, 4 and 5 seams. Burning sinkholes have developed at sections of Khwezela Colliery due to historical shallow underground mining operations. Due to the formation of sinkholes and subsequent spontaneous combustion the re-routing of the three 400kV powerlines is being proposed. In addition Eskom cannot gain access for maintenance of these powerlines.

The following towers are at risk due to instability of the mined ground surface at the Landau I and II areas:

PS 2.2.1 Duvha - Apollo 400kV line: tower 295 to tower 304.

PS 2.2.2 Duvha - Kusile 400kV line: tower 42 to tower 51.

PS 2.2.3 Duvha – Vulcan No.2 400kV line: tower 42 to tower 51.

The proposed route will pass the old rehabilitated AACSA Landau 3 Mineral Residue Deposit (MRD) and as a result the mineral residue from the residue deposit will need to be reclaimed. It is proposed to transport the reclaimed material from the MRD to the existing Khwezela Bokgoni and Khwezela Navigation Khwezela Colliery (formally known as Kleinkopje and Landau Colliery) processing plants.

Following the commissions of the new powerline routes, Eskom will decommission the existing electric lines, pylons, steel structures and foundations (up to 500m). The foundation will then be backfilled and rehabilitated. However it is important to note that there is a section along the route that Eskom will not be able to access due to sinkholes. Eskom together with Anglo and the appointed contractor will discuss an appropriate decommissioning plan for this section.

The study will support the development of specialist studies and designs to enable the environmental authorisation submissions in time. The proposed powerline is to be constructed by 2019.

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES	
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If YES, please indicate which SIPs are applicable in **Appendix 2**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **Appendix 2**

Is the project subject to the Integrated Resource Plan 2010 – 2030 (IRP) bidding	NO
process?	

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Table 1

	Greenfield transformation to urban or industrial
	form (including mining)
Х	Biodiversity or sensitive area related activities
	Mining value chain
	Potential of metal fabrication capital & transport equipment – arising from large public investments
	Boat building
	X

Basic services (local government) – electricity and electrification	c c	Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)		Manufacturing – clothing textiles, footwear and eather	
Basic services (local government access roads)	F	Forestry, paper, pulp and furniture	
Basic services (local government) – public transport	E	Business process servicing	
Infrastructure – water (bulk and reticulation)		Advanced materials	
Basic services (local government) – sanitation		Aerospace	
Basic services (local government) – waste management		Basic services (local government) – education	
Basic services (local government) water		Basic services (local government) – health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)		Basic services (local government) - housing	
Infrastructure – information and communication technology	1 1	Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism		Other	
Basic services (local government) – public open spaces and recreational facilities			

Table 2

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.

NO

If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:

3. GENERAL INFORMATION

Applicant name: Registration number (if applicant is a company): Trading name (if any): BBBEE status Responsible person name (If the applicant is a company): Applicant/ Responsible person ID number: Responsible position, e.g. Director, CEO, etc... Physical address: Postal address: Postal code: Telephone: E-mail:

Eskom Holdings SOC Ltd		
2002/015527/30		
Eskom Holdings SOC Ltd		
Level 2 Contributor		
Archibold Mogokonyane		
7011045082088		
December Manager Land Day		
Programme Manager: Land Dev	velopment	
Megawatt Park, Maxwell Drive,	Sunninghi	II Johanneshura
P O Box 1091, Johannesburg	Outilingin	ii, oonariicsburg
2000	Cell:	082 466 6022
011 800 3778	Fax:	011 800 3917
MogokoA@eskom.co.za	I ax.	011 000 3317
MOYOKOA(Weskolli.co.za		

Provincial Authority:	Mpumalanga Department	of Agricult	ture, Rur	al Develop	ment, Land and			
•	Environment Affairs S Hlatshwayo							
Contact person: Postal address:	Private Bag X11219, Nels	oruit						
	1200	Cell:						
Postal code:	013 766 6983	Fax:	-					
Telephone:	013 / 00 0903	rax.						
E-mail:								
Local municipality:	eMahlahleni Local Municip	ality						
Contact person:			laste Sar	ndile Masek	0			
Postal address:	Executive Director Environment and Waste, Sandile Maseko P.O. Box 3, eMahlahleni							
Postal code:	1035	Cell:	0717	552638				
Telephone:	Tel: 013690 6911	Fax:	0,11	002000				
E-mail:	101.010000 0011	I I UX.						
L-man.								
In instances where there	is more than one local author	rity involved	l nlease a	attach a list	of those local			
	act details as Appendix 3 .	nity involved	i, picase c	attaon a not	01 (11000 10001			
dutionides with their com	dot dotallo do Appondix o.							
Landowner:	See Appendix 4							
Contact person:								
Postal address:								
Postal code:		Cell	0					
Telephone:		Fax:						
E-mail:								
contact details as Appe	is more than one landowner that 4. Unless the application templated in the Infrastruction in the Infrastruction in Appendix 4.	ation is in r	espect of	f linear act	ivities or strategic			
Identified Competent Authority to consider the application:	Department of Environment	ntal Affairs						
Reason(s) in terms of	The activity is undertake	n by a Stat	e Owned	Company	(Eskom Holdings			
S24C of NEMA 1998 as	SOC Ltd.)							
amended:								
4. ENVIRONMEN	TAL ASSESSMENT PRACT	TITIONER (E	AP) INFO	DRMATION				
EAD	ODK Ossaulting Ossath Af	des Divided						
EAP company name:	SRK Consulting South Afr		Deres	togo	100%			
B-BBEE	Contribution level	Level 4	Percen	-	100%			
	(indicate 1 to 8 or non-		Procure					
Desferational	compliant)	ntint (Dr. Co.	recogni	ition				
Professional	Professional Natural Scie	ntist (Pr. Sc.	ivat)					
affiliation/registration:	Deth Candu							
Contact person:	Beth Candy							
Company:	SRK Consulting Pty Ltd							
Physical address:	265 Oxford Road, Illovo 2196							
Postal address:	PO Box 55291 Northlands							
Postal code:	2196	Cel		08233014				
Telephone:	011 441 1111	Fax		086 503 1	1045			
E-mail:	bcandy@srk.co.za							

The appointed EAP must meet the requirements of Regulation 13 of GN R.982, dated December 2014. The declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as **Appendix 9**.

5. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province	Mpumalanga Province
District Municipality	Nkangala District Municipality
Local Municipality	Emalahleni Local Municipality
Ward number(s)	9 and 19
Nearest town(s)	Lynville and Klipfontein
Farm name(s) and	Klipfontein 322 JS portion 28
number(s)	Klipfontein 322 JS portion 27
Portion number(s)	Klipfontein 322 JS portion 209
	Groenfontein 331 JS portion RE
	Groenfontein 331 JS portion 3
	Groenfontein 331 JS portion 11
	Groenfontein 331 JS portion 2
	Blaauwkrans 323 JS portion 29
	Blaauwkrans 323 JS portion 1
	Blaauwkrans 323 JS portion 2
	Blaauwkrans 323 JS portion 3
	Blaauwkrans 323 JS portion 23
	Schoongezicht 308 JS portion RE
	Schoongezicht 308 JS portion 65
	Elandsfontein 309 JS portion 2

Surveyor General 21 digit code

(If there are more than 4, please attach a list with the rest of the codes as **Appendix 5**. Where the 21 digit SGID and farm name are not available, the coordinates of the boundary of the property or properties must be provided in **Appendix 5**.

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Co	mpe	tent Ai	uthority	[Depa	rtmei	nt of	Mine	eral F	Resou	ırces						
Re	ferer	nce Nu	ımber] [OMR	Refe	renc	e Nu	ımbe	r: MF	30/5	5/1/2/2	10152	2MR			
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as	socia		nvironm											Section 1 IRD with			

6. ACTIVITIES TO BE AUTHORISED

For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Listed activity as described in GN R. 983, GN R. 984 and GN R.985	Description of project activity that may trigger the listed activity
e.g. GN R.983 Item XX(x): The development of bridge exceeding 100 square metres in size within a watercourse	e.g. A bridge measuring 110 square metres will be constructed within the watercourse
GN R.983 Item 12 (iii and xii): The development of: (i) Bridges exceeding 100m² in size (ii)infrastructure of structures with a physical footprint of 100m2 or more where such development occurs- (a)within watercourse	Construction of foundations of pylons (servitude of 55m)
GN R.983 Item 14: The development of: The development of facilities or infrastructure for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80m³ but not exceeding 500m³;	Storage of diesel and oil during the construction phase of the project for machinery and construction vehicles.
GN R.983 Item 19: The infilling or depositing of any material of more than 5m³ into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5m³ from (i) a watercourse;	Construction of foundations of pylons
GN R.983 Item 24: The development of (i) a road for which an environmental authorization was obtained for the route determination in terms of activity 5 in Government Notice 387 of 2006 or activity 18 in Government Notice 545 of 2010 or. (ii) a road with a reserve wider than 13.5 meters or where no reserve exists where the road is wider than 8 meters, But excluding- roads which are identified and included in activity 27 in Listing Notice 2 of 2014; or roads where the entire road falls within an urban area	Access roads for construction
GN R.983 Item 28 (ii): Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agricultural or afforestation on or after 01 April 1998 and where such development: (ii)will occur outside an urban area, where the total land to be developed is bigger than 1ha	Construction of the powerlines
GN R.983 Item 31: The decommissioning of existing facilities, structures or infrastructure, for- (i)any development and related operation activity or activities listed in this Notice, Listing Notice 2 of 2014 or Listing Notice 2 of 2014	Decommissioning of the existing powerlines
GN R.983 Item 56:The widening of a road by more than 6 meters, or the lengthening of a road by more than 1 kilometer- (i) where the existing reserve is wider than 13,5 meters; or (ii) where no reserve exists, where the existing road	Access roads for construction
is wider than 8 meters- excluding widening or lengthening occurring inside urban areas.	

GN R.984 Item 9: The development of facilities or	Development of three 400kV
infrastructure for the transmission and distribution of	powerlines with a length of 20 km
electricity with a capacity of 275 kilovolts or more,	each.
outside an urban area or industrial complex	
GN R.985 Item 4: The development of a road wider	Access roads for construction
than 4 meters with a reserve of less than 13.5m	
GN R.985 Item 10: The development of facilities or	Storage of diesel and oil during the
infrastructure for the storage, or storage and	construction phase of the project for
handling of a dangerous good, where such storage	machinery and construction vehicles.
occurs in containers with a combined capacity of	
30m ² but not exceeding 80m ³	

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 6**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 7**.

7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN R .982, dated December 2014.

Pre-application phase:

AOL has been identified as the landowner on which the powerlines are situated on.

Other relevant authorities have been identified as stakeholders, which includes:

- District and local municipalities i.e, Nkangala District Municipality and eMahlahleni Local Municipality;
- Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA);
- Department of Water and Sanitation (DWS);
- Mpumalanga Tourism and Parks Agency (MTPA);
- Department of Transport; and
- South African Heritage Resource Association (SAHRA).

The steps undertaken in this phase include:

- Identification of stakeholders; and
- Compilation of a stakeholder database.

Scoping Phase:

- A Background Information Letter will be distributed to stakeholders (via email and post), announcing the project and providing them with high level project information.
- Stakeholders will be invited to register as I&APs and comment on the Scoping Report that will be available for a public comment period of 30 days. The letters will be made available in English, Afrikaans and isiZulu. SMS notifications will be sent to stakeholders for whom no other contact details are available.
- Availability of the Scoping Report will be advertised in the local Newspaper the Witbank News in Afrikaans, English and isiZulu, including the public venues where the report will be available for public viewing.
- In addition, notification of the public meeting will also broadcasted on the Emahlaheni Radio

- station in isiZulu. The document will also be made available online on the SRK website.
- A public meeting, focus group meetings and telephonic consultations (if required) will be held to obtain stakeholder comment on the scoping report.
- Site notices will be placed along the powerline route (in English, Afrikaans and isiZulu).

The steps to be undertaken in this phase include:

- Announce project and availability of Scoping Report (SR) for public comment;
- Distribution of information letters to stakeholders;
- Newspaper and radio adverts;
- Site notices:
- Scoping Report available in public venues;
- Scoping Report available on SRK website (www.srk.co.za);
- Public, focus group meetings and telephonic consultations; and
- Input of stakeholder comment and responses into the Scoping Report for submission to authorities.

Impact assessment phase:

During this phase the EIA/EMP will be made available for public comment and meetings will be held with stakeholders to discuss the findings of the EIA/EMP and to obtain comments from stakeholders.

The steps undertaken in this phase include:

- Availability of EIA/EMP for public review;
- Letters to stakeholders;
- Adverts:
- EIA/EMP available in public places;
- EIA/EMP available on SRK website;
- Meetings and telephonic consultations; and
- Inputs of stakeholder comment and responses into the Scoping Report for submission to authorities.

Record of Decision phase:

Stakeholders will be informed of DEA's decision via email, post or sms. Stakeholders will also be informed of the appeals process and the associated timeframes.

The steps undertaken in this phase include:

- Inform stakeholders on record of decision and the appeals process; and
- Letters to stakeholders, adverts and website.

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHOR REQUIRE		APPLIC SUBMIT	
SEMAs				
National Environmental Management: Air Quality Act		NO		NO
National Environmental Management: Biodiversity Act		NO		NO
National Environmental Management: Integrated Coastal		NO		NO
Management Act				
National Environmental Management: Protected Areas Act		NO		NO
National Environmental Management: Waste Act		NO		NO
National legislation				
Mineral Petroleum Development Resources Act		NO		NO
National Water Act	YES		YES	
National Heritage Resources Act	YES		YES	

Others: Please specify	NO	NO
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If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

Note that in terms of sections 7B and 7C of the National Environmental Management: Integrated Coastal Management Act, 2008 (Act No. 24 of 2008) ICMA, a pre-approval for a reclamation application in terms of the ICMA should first be issued by the Minister prior to the submission of a NEMA Chapter 5 EA application to the NEMA competent authority (CA).

9. LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Proof of Payment		NO
Appendix 2	Strategic Infrastructure Projects		N/A
Appendix 3	List of Local Municipalities (with contact details)		N/A
Appendix 4	List of land owners (with contact details) and written consent of land owners.	YES	NO
Appendix 5	List of SGIDs		N/A
Appendix 6	Project map	YES	
Appendix 7	Project schedule	YES	
Appendix 8	Declaration of Applicant	YES	
Appendix 9	Declaration of EAP and undertaking under oath or affirmation	YES	

APPENDIX 1 PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION

ESKOM is an organ of state hence they are exempted from paying the application form.

APPENDIX 2 STRATEGIC INFRASTRUCTURE PROJECTS

SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst

- Unlock mineral resources
- Rail, water pipelines, energy generation and transmission infrastructure
- Thousands of direct jobs across the areas unlocked
- Urban development in Waterberg first major post-apartheid new urban centre will be a "green" development project
- Rail capacity to Mpumalanga and Richards Bay
- Shift from road to rail in Mpumalanga
- Logistics corridor to connect Mpumalanga and Gauteng.

SIP 2: Durban-Free State-Gauteng logistics and industrial corridor

- Strengthen the logistics and transport corridor between SA's main industrial hubs
- Improve access to Durban's export and import facilities
- Integrate Free State Industrial Strategy activities into the corridor
- New port in Durban
- Aerotropolis around OR Tambo International Airport.

SIP 3: South-Eastern node & corridor development

- New dam at Mzimvubu with irrigation systems
- N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains
- Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape
- A manganese sinter (Northern Cape) and smelter (Eastern Cape)
- Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail
 upgrades to improve industrial capacity and performance of the automotive sector.

SIP 4: Unlocking the economic opportunities in North West Province

- Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure
- Enabling reliable supply and basic service delivery
- Facilitate development of mining, agricultural activities and tourism opportunities
- Open up beneficiation opportunities in North West Province.

SIP 5: Saldanha-Northern Cape development corridor

- Integrated rail and port expansion
- Back-of-port industrial capacity (including an IDZ)
- Strengthening maritime support capacity for oil and gas along African West Coast
- Expansion of iron ore mining production and beneficiation.

SIP 6: Integrated municipal infrastructure project

Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.

SIP 7: Integrated urban space and public transport programme

Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.

SIP 8: Green energy in support of the South African economy

Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.

Indicate capacity in MW:

SIP 9: Electricity generation to support socioeconomic development

Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.

Indicate capacity in MW:

SIP 10: Electricity transmission and distribution for all

Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development.

Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.

SIP 11: Agri-logistics and rural infrastructure

Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch trainline, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.

SIP 12: Revitalisation of public hospitals and other health facilities

Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.

SIP 13: National school build programme

A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.

SIP 14: Higher education infrastructure

Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.

SIP 15: Expanding access to communication technology

Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infraco fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas.

While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity.

The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally

Χ

from analogue to digital broadcasting.

SIP 16: SKA & Meerkat

SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.

SIP 17: Regional integration for African cooperation and development

Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.

The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.

All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.

SIP 18: Water and sanitation infrastructure

A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.

The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.

APPENDIX 3 (IF APPLICABLE) LIST OF LOCAL MUNICIPALITIES

N/A

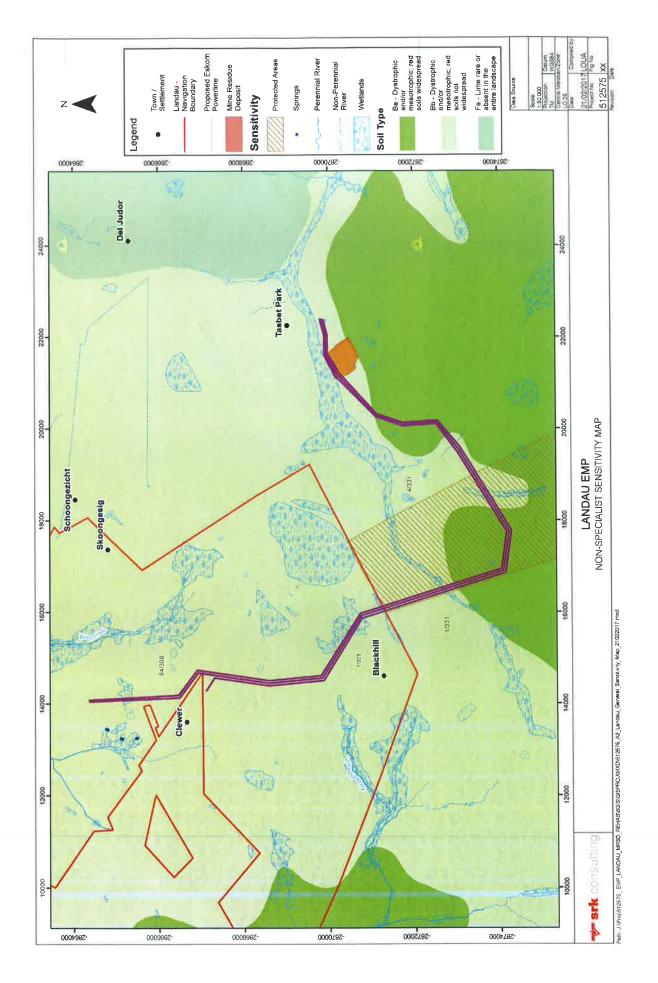
APPENDIX 4 LIST OF LAND OWNERS WRITTEN CONSENT OF LAND OWNERS

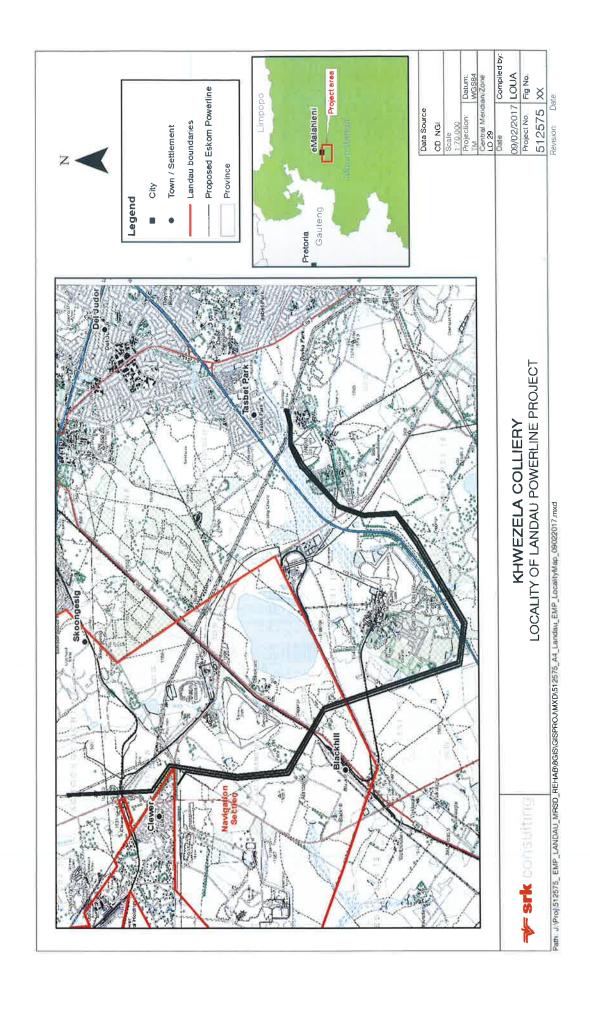
Number	Portion	Title Deed	Owner
322	28	T17686/1938	ANGLO OPERATIONS PTY LTD
322	27	T17685/1938	ANGLO OPERATIONS PTY LTD
331	RE	T120749/1999	ANGLO OPERATIONS PTY LTD
331	2	T120749/1999	ANGLO OPERATIONS LTD
331	3	T120749/1999	ANGLO OPERATIONS LTD
331	11	T120749/1999	ANGLO OPERATIONS LTD
323	1	T2243/1918	TRANSNET LTD
323	2	T12010/1991	ANGLO OPERATIONS PTY LTD
323	3	T7732/1924	ANGLO OPERATIONS LTD
323	23	T80370/1996	ANGLO OPERATIONS PTY LTD
323	29	T62135/2007	ANGLO OPERATIONS LTD
308	RE	T38306/1992	ANGLO OPERATIONS PTY LTD
308	65	T15226/1986	TRANSNET LTD
309	2	T11345/1923	ANGLO OPERATIONS PTY LTD

APPENDIX 5 (IF APPLICABLE) LIST OF SGIDS / COORDINATES OF THE BOUNDARY OF THE PROPERTY OR PROPERTIES (WHERE SGID AND FARM NAME ARE NOT AVAILABLE)

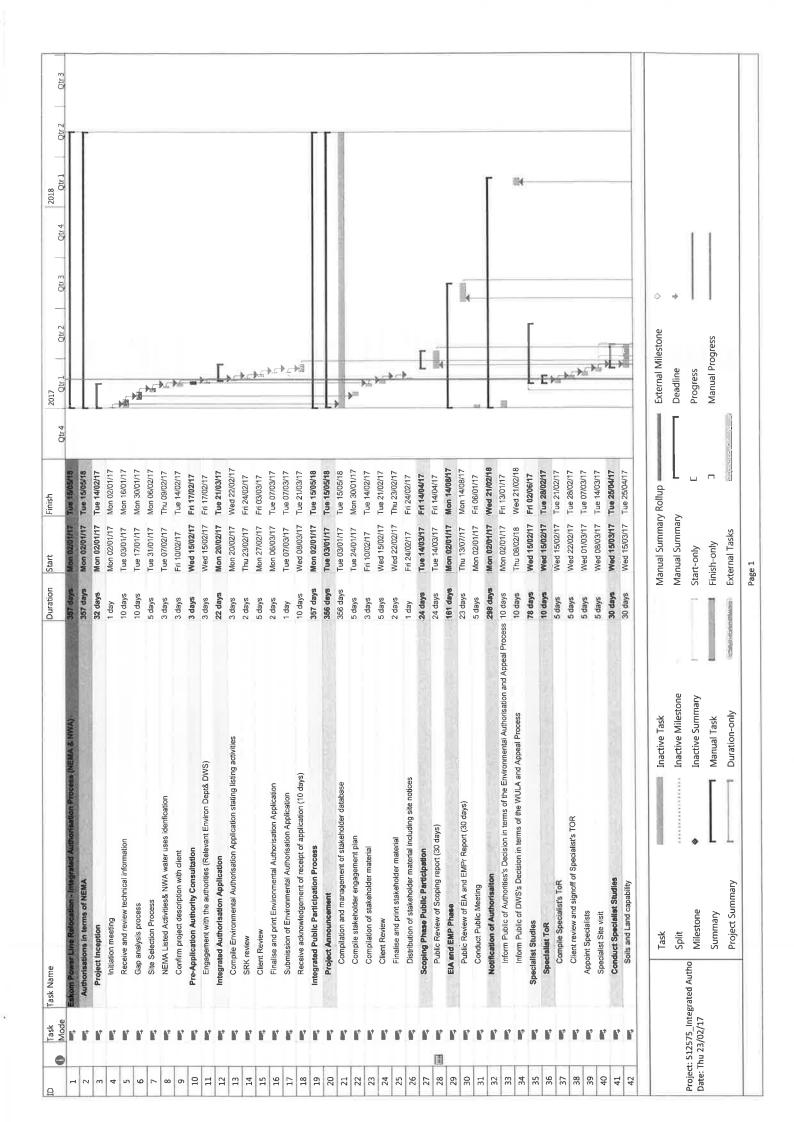
SG Number	Name	Number	Portion
T0JS00000000032200028	Klipfontein	322	28
T0JS00000000032200027	Klipfontein	322	27
T0JS00000000032200209	Klipfontein	322	209
T0JS0000000033100000	Groenfontein	331	RE
T0JS00000000033100002	Groenfontein	331	2
T0JS00000000033100003	Groenfontein	331	3
T0JS0000000033100000	Groenfontein	331	11
T0JS00000000032300001	Blaauwkrans	323	1
T0JS00000000032300002	Blaauwkrans	323	2
T0JS00000000032300003	Blaauwkrans	323	3
T0JS00000000032300023	Blaauwkrans	323	23
T0JS0000000032300029	Blaauwkrans	323	29
T0JS0000000030800000	Schoongezicht	308	RE
T0JS00000000030800065	Schoongezicht	308	65
T0JS00000000030900002	Elandsfontein	309	2

APPENDIX 6 PROJECT MAP





APPENDIX 7 PROJECT SCHEDULE



Conduct Real Assessment In terms of Water Us 21 c and 1	Mode	anduct Risk Assessment in terms of				1	7 117	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Discussion meeting with client on outcome of GA Rak assessment 3 days Thu 3D(0917) Mon 0004477	-		Water Use 21 c and i	10 days	Thu 16/03/17	Wed 29/03/17		
Per-application with DWS		or recipe meeting with client on out	come of GA Risk assessment	3 days	Thu 30/03/17	Mon 03/04/17	b	
Pre-exposition with DWS pre-application meeting 2 days The Model To M	Ť	scussion meeting with cheft on out	COLLIE OF CA NISA desdessified it	o cano	10000		. >	
Submit GA	87 Me	seting with Client regarding DWS's p	ore-application meeting	2 days	Tue 04/04/17	Wed 05/04/17	> .c.	
Submit GA Submit GA Fit 07104/17 Thu 20104/17 Authority Comment period (30 days) 22 days Fit 07104/17 Thu 20104/17 Compile of Intend to submit WUL to DMS 15 days Fit 07104/17 The 1104/17 Compile INVIAM 15 days Wed 10306/17 The 2006/17 Compile INVIAM 16 days Wed 2000/17 The 2006/17 Submit WULA and INVIAMP To put based on enagement and comments received 3 days The 1008/17 The 2006/17 Update WULA and INVIAMP To put based on enagement and comments received 3 days The 1008/17 The 2006/17 Submission of WULA & MWIND To Put based on enagement and comments received 3 days The 1008/17 The 2006/17 WULA & MWIND To Put based on wind project Progress Meetings 17 days The 2008/17 The 2008/17 WULA & MWIND To Put based on wind comments with Client 351 days Med 2008/17 Med 2008/17 Workshop EMPr and WULA & Commitments with Client 6 days Wed 2008/17 The 2004/17 Workshop EMPr and WULA & Commitments with Client 6 days Wed 2008/17 The 2004/17 Workshop EMPr and WULA & Commitments with Cli		e-application with DWS		1 day	Thu 06/04/17	Thu 06/04/17	•)	
Authority Comment period (30 days) Authority Comment period (30 days) Notice of intend to submit WUL to DWS Compile WWIND	î	,		10 days	Fri 07/04/17	Thii 20/04/17) [
Adapte	*			orab cc	Cri 24/04/47	Mon 22/06/17	×	
Salays Fritted to submit WULL to DWS	3kg	uthority Comment period (30 days)		scaus 22	11210411	11001221001	-	
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Client Review of WULA and IWWMP for Public Review (as part of EIA/EMPT Report Review)		mpile IWWMP		15 days	Wed 03/05/17	Tue 23/05/17		
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APPENDIX 8 DECLARATION OF THE APPLICANT

I, Archibold Mogokonyane, declare that -

- I am, or represent¹, the applicant in this application;
- I have appointed an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP²;
- I will take all reasonable steps to verify whether the EAP and specialist/s appointed are
 independent and have expertise in conducting environmental impact assessments or undertaking
 specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines
 that have relevance to the proposed activity;
- I will provide the EAP and the competent authority with access to all information at my disposal that is relevant to the application;
- I will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
 - costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- I will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- I am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- I hereby indemnify the Government of the Republic of South Africa, the competent authority and all
 its officers, agents and employees, from any liability arising out of the content of any report, any
 procedure or any action which the applicant or EAP is responsible for in terms of these
 Regulations;
- I will not hold the competent authority responsible for any costs that may be incurred by the
 applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to
 an appeal being decided in terms of these Regulations;
- I will perform all obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act.
- I am aware that in terms of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.

That live a	
Signature ³ of the applicant/Signature on behalf of the applicant	
Eskom Holdings SQC Ltd	
Name of company (if applicable)	
06 March 2017	
Date:	

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached. If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

² If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted. An EAP may not sign on behalf of an applicant.

APPENDIX 9 9.1 DECLARATION OF THE EAP

l, _	Beth Condy, declare that -
•	I act as the independent environmental assessment pro I have expertise in conducting environmental impact as

- actitioner in this application;
- ssessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant:
- I will take into account, to the extent possible, the matters listed in Regulation 18 of the Regulations when preparing the application and any report relating to the application;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the competent authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;

•	I have a vested interest in the proposed activity proceeding, such vested interest being:	
Sig	gnature of the environmental assessment practitioner	
Na	SRK Consulting South Africa (Pty) Lime of company:	to
	7/03/2017	
Dat	te	

APPENDIX 9 9.2 UNDERTAKING UNDER OATH/ AFFIRMATION

I, Beth Condy, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.		
Signature of the environmental assessment practitioner		
SPK Consulting South Africa (Pty) Ltd		
Name of company		
7/03/2017		
Date		
1		
Signature of the commissioner of oaths		
1/3/2017		
Date		

I certify that the DEPONENT has acknowledged that he/she knows and understands the contents of this affidavit, that he/she does not have any objection to taking the oath, and that he/she considers it to be binding on his/her conscience, and which was sworn to and signed before me and that the administering oath complied with the regulations contained in Government Gazette No. R 1258 of 21 July 1972, as amended. Clinton James Ford
Commissioner of Oaths
Associate Chartered Management Accountant
ex officio: Republic of South Africa
265 Oxford Road, Illovo, Johannesburg
Date: 73 2017

Date: