



forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

PRE-APPLICATION MEETING REQUEST

Request for a pre-application meeting in terms of Regulation 8 of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)

PROJECT TITLE

The Proposed Eskom Azaadville 4km 400kV Deviation Powerline, Eskom Westrand Strengthening Phase I, Mogale City and Rand West City Local Municipality, Gauteng Province

Kindly note the following:

1. This form must always be used for pre-application meeting requests where this Department is the Competent Authority.
2. This application form is current as of **April 2021**. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at <https://www.environment.gov.za/documents/forms>.
3. The onus on Applicant/EAP to determine all applicable listed activities that would require Environmental Authorisation prior to the commencement of the construction activities. Should any revision of your development comprise any other activities that constitute a listed activity/ies as defined in GN R983, R984 and R98 of 04 December 2014, as amended, it must also form part of the Application for Environmental Authorisation.
4. Be reminded that it is not compulsory in terms of the EIA Regulations that a pre-application meeting must take place prior to an application being lodged with the Department.
5. This form must be lodged with the Department at least **one (1) month** prior to the requested meeting date.
6. Please note that the proposed date and time will be confirmed prior to the meeting.
7. A detailed motivation and agenda must be appended to this meeting request.
8. This form must be marked "**for Attention: Chief Director: Integrated Environmental Authorisations**" and submitted to the Department via email.
9. All fields are compulsory.
10. The required information 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. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).
11. **Note that the EAP is required to submit minutes of the meeting to the Department for approval as per the timeframes agreed to in the meeting.**
12. The Department reserves the right to refuse the pre-application meeting based on the information provided in this request.

Departmental Details

<p>Online Submission: EIAApplications@environment.gov.za</p> <p>Please read the process for uploading files to determine how files are to submitted to this Department</p> <p>Physical address: Department of Forestry, Fisheries and the Environment Attention: Chief Director: Integrated Environmental Authorisations Environment House 473 Steve Biko Road Arcadia</p> <p>Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at: Email: EIAAdmin@environment.gov.za</p>

1. APPLICANT CONTACT DETAILS

Name of the Applicant:	Eskom Holdings SOC Ltd		
RSA Identity/ Passport Number:	na		
Name of contact person for applicant (if other):	Itumeleng Amos Moeng		
RSA Identity/ Passport Number:	720408 5363 08 4		
Responsible position, e.g. Director, CEO, etc.:	Scheme Project Manager		
Company/ Trading name (if any):	Eskom SoC		
Company Registration Number:	2002/015527/30		
BBBEE status:	Level 8		
Physical address:	Eskom Megawatt park, No. 1 Maxwell Drive, SUNNINGHILL, 2021		
Postal address:	P. O. Box 1091, JOHANNESBURG		
Postal code:	2000	Cell:	0824772865
Telephone:	0118004114	Fax:	na
E-mail:	moengii@eskom.co.za		

2. ENVIRONMENTAL ASSESSMENT PRACTITIONER CONTACT DETAILS

Company of Environmental Assessment Practitioner:	GA Environment (Pty) Ltd			
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	1	Percentage Procurement recognition	135%
EAP name:	Ms Nkhensani Khandhela			
EAP Qualifications:	MSc Geography			
Professional affiliation/registration:	South African Council for Natural Scientific Professions (SACNASP): Professional Natural Scientist Registration Number 119829			
Physical address:	GladAfrica House Block G, 2 nd and 3 rd Floor, 90 Bekker Road, Midrand, 1686			
Postal address:	P.O. Box 6723 Halfway House			
Postal code:	1686	Cell:	073 171 7979	
Telephone:	011 312 2537	Fax:	011 805 1950	
E-mail:	environment@gaenvironment.com and nkhensanik@gaenvironment.com			

3. COMPETENT AUTHORITY

Identified Competent Authority to consider the application:
Reason(s) in terms of S24C of NEMA:

Department of Forestry, Fisheries and the Environment (DFFE)
The applicant is a State-Owned Enterprise

4. MEETING DETAILS

Purpose of the meeting request	To submit Public Participation Plan	
Any advice requested before from the Department on this project i.e. from IQ or via email (attached response received)	Yes	No ✓
Applicant Category	Application by Parastatal	✓
	Organ of State	
	Private Individual/Parties	
Application type	Application for EA	✓
	Application for Integrated EA	
	Application for Amendment EA	
Proposed meeting date and time-slot. Provide three alternative dates and time-slots (<i>note that the Department requires at least a month due to logistical arrangements</i>) Approval of Public Participation Plan is required. A Pre-Application meeting will not be required as the proposed activity is a powerline and the activities and process to be followed are well understood.		
Date	Time-slot	
	Start time	End time
1		
2		
3		
Duration of the meeting		
Estimated number of people attending meeting		

Please attach a proposed agenda as **APPENDIX 1**. If the Applicant or EAP intends to discuss several projects in one meeting, separate agendas must be drafted for each proposed project and the project details for each project. Please note that a detailed agenda is required.

5. PROJECT DETAILS

Project description	<p>Eskom SOC Ltd, intends to construct a 4km 400kV deviation route from the existing and authorised Hera - Westgate 400kV transmission powerline. The proposed deviation line is located across Ward 3 and 6 of Mogale City and Ward 8 of Rand West City Local Municipality. The proposed deviation line will affect the Remainder of portions 0, 52, 53, 70 of the farm Rietvalei 241 IQ and Erf 210,213 and 214 Azaadville Gardens. Land negotiations and acquisition of affected property for this deviation are currently underway. The deviation line starts at the existing Westgate substation with approximate starting point coordinates of 26°08'58.43"S; 27°45'17.40"E and travels South West for 4km to end coordinates of 26°11'05.37"S; 27°44'08.58"E.</p> <p>This application relates to the grid planning done by Eskom for the West Rand region. According to the Grid Plan Report, there is a significant load growth forecast to the west of Johannesburg in areas around Lenasia and Soweto. The load growth is expected to introduce</p>
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	<p>high growth of power demand in the West Rand Customer Load network in the next 5 to 20 years.</p> <p>The above Westrand Strengthening is due to the increasing energy demand from various land use activities in the region. The advantages of the proposed transmission power lines would include:</p> <ul style="list-style-type: none"> o avoiding current and future possible voltage collapse. o contributing towards a more flexible electrical network. o improvement in the overall reliability of the electrical systems, which would benefit electricity users in the region; and to sustain economic growth in the Province. <p>For these reasons, it is anticipated that West Rand network will be under pressure to supply the new loads. Grid Planning has undertaken a study to address the system constraints and the overall reliability of the substations in the West rand area emerging from the year 2026 onwards. The scope of this application is the proposed solution for the future electricity load growth and load shift in the West Rand.</p> <p>The proposed development which is located outside the urban edge will require the clearance of indigenous vegetation within the identified Critical Biodiversity Areas (CBA) and triggers Activity 9 of Listing Notice 2. According to the NEMA EIA Regulations 2014, as amended, a Scoping and EIA process is required for the project however the deviation line is located within a Strategic Transmission Corridor (Central corridor) and therefore a Basic Assessment (BA) is contemplated in terms of Government Notice No. 113 (Government Gazette No. 41445) which prescribes the procedure to be followed when applying for environmental authorisation for electricity transmission and distribution expansion occurring in the identified central corridor.</p> <p>The deviation corridor is located within the regulated area of identified wetlands and a Water Use Authorization (WUA) may be triggered in terms of Section 21 (c) and (i) of the National Water Act (NWA), 1998 (Act No. 36 of 1998).</p>
Indicate if any screening has taken place on site	A DFFE Screening Tool Report for the study area was generated on 17 August 2021. A site visit and verification was undertaken on the 29 th of July 2021.
Physical Address where the development will take place	The proposed development area is a 4km long and 80m wide corridor immediately west of Azaadville Gardens and Kagiso Cemetery in West Rand District Municipality. The proposed deviation line is located across Ward 3 and 6 of Mogale City and Ward 8 of Rand West City Local Municipality. The proposed deviation line will affect the Remainder of portions 0, 52, 53, 70 of the farm Rietvalei 241 IQ and Erf 210,213 and 214 Azaadville Gardens. The deviation line starts at the existing Westgate substation with approximate starting point coordinates of 26°08'58.43"S; 27°45'17.40"E and travels South West for 4km to end coordinates of 26°11'05.37"S; 27°44'08.58"E
Farm name(s)/ Erf No	Rietvalei 241 IQ, Erven 210,213 and 214 Azaadville Gardens
Local Municipality	Project is located within the jurisdiction of two local municipalities (Mogale City Local Municipality and Rand West City Local Municipality)
District Municipality	West Rand District Municipality

Locality map:	<p>A locality map must be attached to the application form, as APPENDIX 2. The scale of the locality map must be at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must include the following:</p> <ul style="list-style-type: none"> • an accurate indication of the project site position as well as the positions of the alternative sites, if any; • road names or numbers of all the major roads as well as the roads that provide access to the site(s) • a north arrow; • a legend; • the prevailing wind direction; • site sensitivities, including but not limited to vegetation, wetlands, watercourses, heritage sites, critical biodiversity area/s, World Heritage Site, etc. and it must be overlaid by the study area; and • GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. • The co-ordinates should be in degrees and decimal minutes. The minutes should be to at least three decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection)
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6. ACTIVITIES APPLIED FOR

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 provided below.

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1 of the EIA Regulations, 2014 as amended.	Describe the portion of the proposed project to which the applicable listed activity relates.
Activity 12	The development of: (ii) infrastructure or structures with a physical footprint of 100 square metres or more where such development occurs if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.	The proposed 4km Azaadville 400kV deviation powerline is located within 32m of a watercourse and the infrastructure will have footprint greater than 100m ² .
Activity 30	Any process or activity identified in terms of section 53(1) of the National Environmental Management Biodiversity Act, 2004 (Act No. 10 of 2004).	The clearance of Critical Biodiversity Areas identified in terms of the National Environmental Management Biodiversity Act, 2004.
Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 3 of the EIA Regulations, 2014 as amended.	Describe the portion of the proposed project to which the applicable listed activity relates.
Activity 12	The clearance of an area of 300 square metres or more of indigenous vegetation (c) Gauteng (ii) Within critical biodiversity areas identified in bioregional plans;	The proposed 4km Azaadville 400kV deviation powerline is located within critical biodiversity area and ecological support areas which will require clearance of the indigenous vegetation greater than 300m ² to accommodate the powerline.
Activity 14	The development infrastructure of structure with a physical footprint of 10 square meters or more where the development occurs if no development setback has been adopted, within 32 meters of a watercourse measured from the edge of a watercourse (c) Gauteng (iv) Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in bioregional plans	The proposed 4km Azaadville 400kV deviation powerline is located within critical biodiversity area and ecological support areas. The site is located within 32m of a watercourse and the infrastructure will have footprint greater than 100m ² .

Activity No(s):	Provide the relevant Scoping and EIR Activity(ies) as set out in Listing Notice 2 of the EIA Regulations, 2014 as amended.	Describe the portion of the proposed project to which the applicable listed activity relates.
Activity 9	The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex.	The proposed 4km Azaadville deviation powerline is a 400kV powerline and is located outside of the urban edge.

Be reminded that the onus is on the applicant to ensure that all applicable listed activities are included in the application. Environmental Authorisation must be obtained prior to commencement with each applicable listed activity.

7. ADDITIONAL INFO, IF ANY

Please attach any additional information as **APPENDIX 5**.

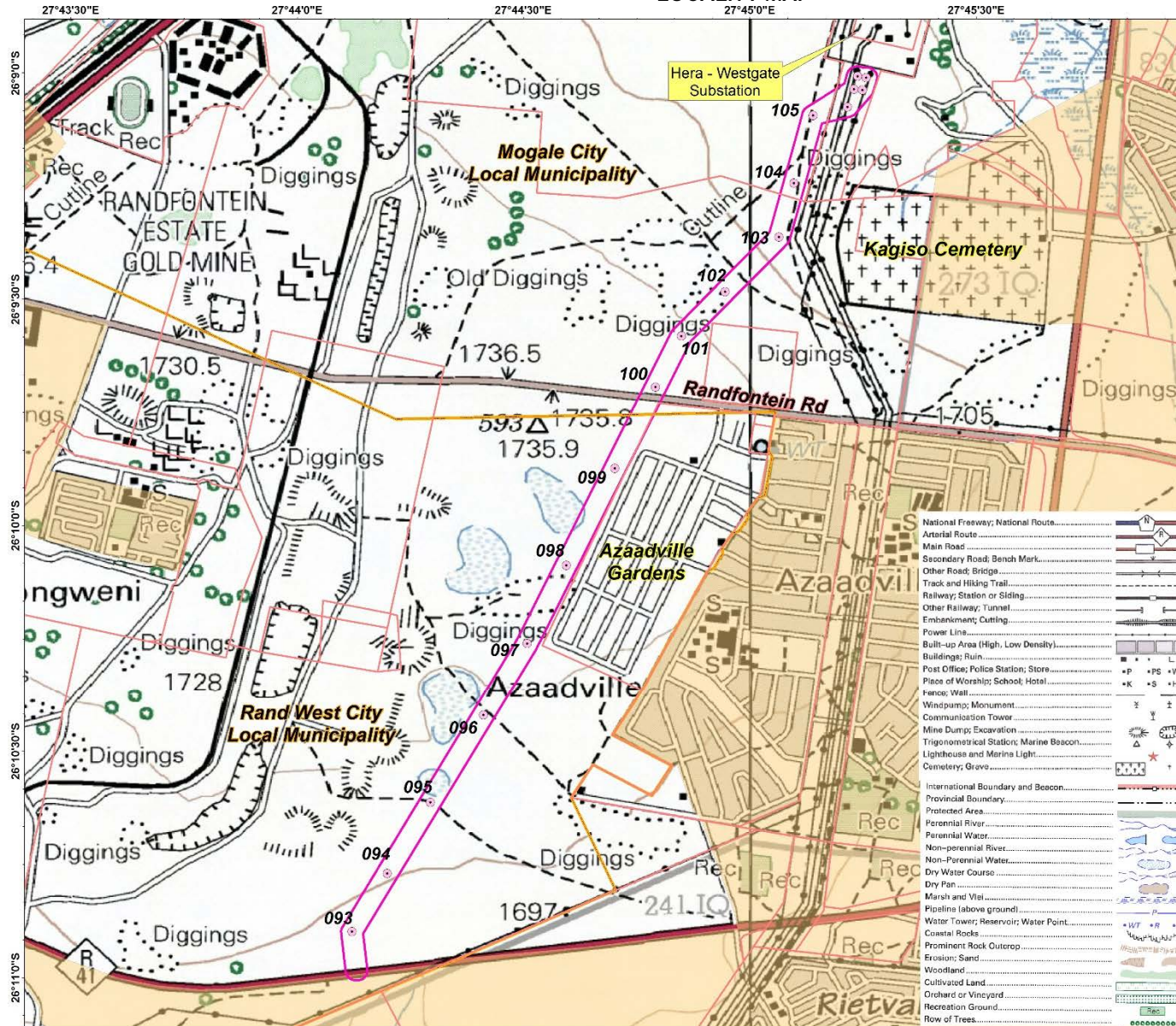
8. LIST OF APPENDICES

		SUBMITTED	
APPENDIX 1	Proposed Agenda	YES	NO ✓
APPENDIX 2	Locality map	YES ✓	NO
APPENDIX 5	Additional info	YES ✓	NO

APPENDIX 1
PRE-APPLICATION MEETING AGENDA
(Please note that a generic agenda will not be accepted. Please submit a detailed agenda)

A Pre-Application meeting will not be undertaken as the proposed activity is a powerline and the activities and process are well understood.

APPENDIX 2 LOCALITY MAP



ESKOM AZAADVILLE POWERLINE

AZAADVILLE 4KM 400KV DEVIATION ROUTE

LOCALITY

North West
West Rand
Mpumalanga
Site
Gauteng Province
District Municipalities

0 50 100 Kilometers

LOCALITY MAP

- Proposed Towers
- Study Area 80m Corridor
- Local Municipalities
- Farm Portions
- Inside Urban Edge

Prevaling Annual Weather Conditions

Temperature: 16.1°C
Rainfall: 716mm
Wind Speed: 11.5km/hr
Dominant Wind Direction: from the North
climate is classified as Cwb
(Source: Climate Data.Org, 2021)

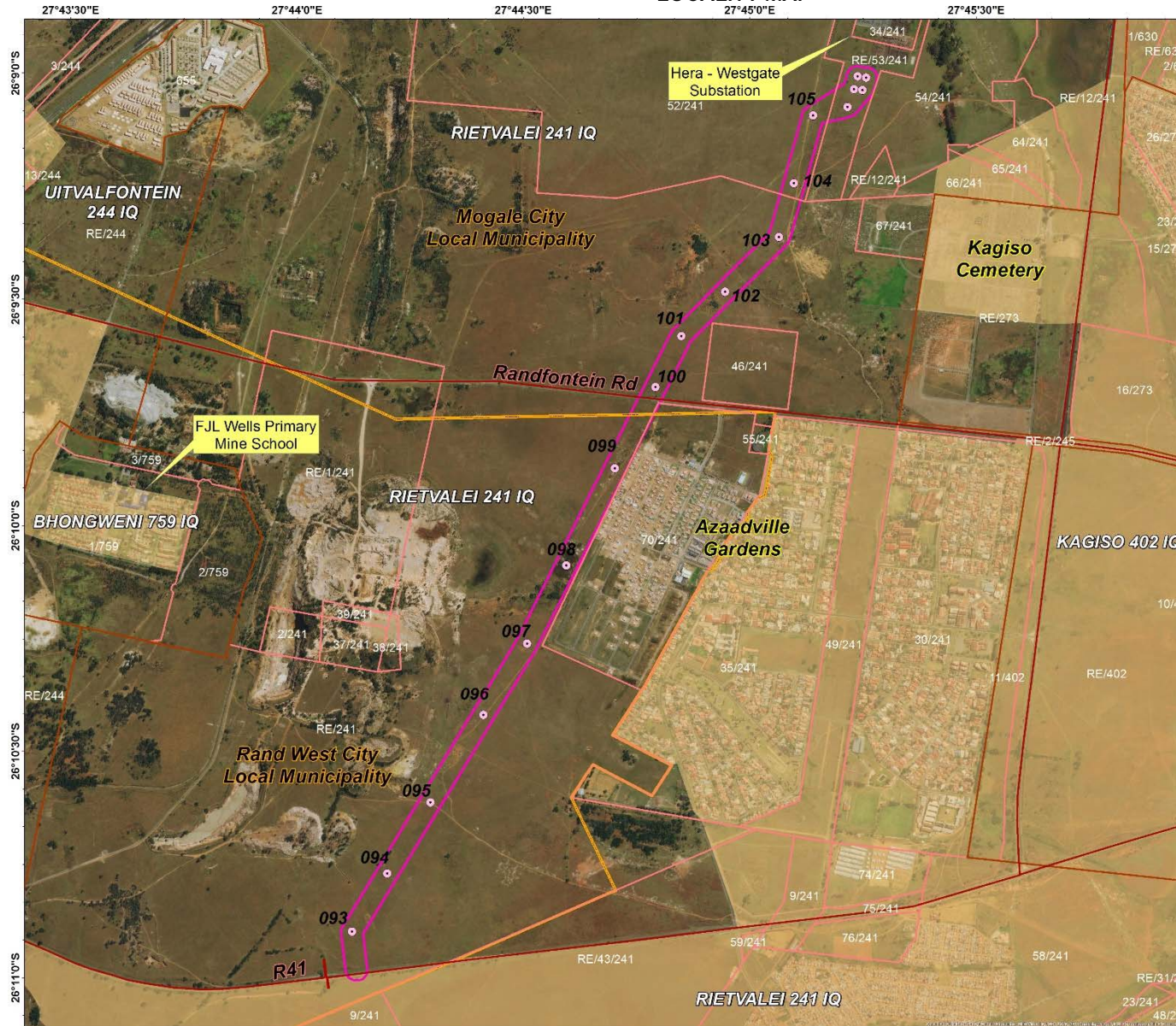
0 400 800 Meters

Sources: Chief Surveyor General, ESRI South Africa & Climate Data.Org and Project Team

Projection: WGS84
Author: Vukosi Mabunda (August 2021)

GladAfrica House, Hertford Office Park
93 Bekker Road
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QMF-GF-EV-981A-16/09/2020

APPENDIX 3 LOCALITY MAP



**ESKOM AZAADVILLE POWERLINE
AZAADVILLE 4KM 400KV
DEVIATION ROUTE**

Eskom

LOCALITY

LOCALITY MAP

- Proposed Towers
- Major Roads
- Study Area 80m Corridor
- Local Municipalities
- Parent Farm
- Farm Portions
- Inside Urban Edge

Prevailing Annual Weather Conditions
 Temperature: 16.1°C
 Rainfall: 716mm
 Wind Speed: 11.5km/hr
 Dominant Wind Direction: from the North
 climate is classified as Cwb
 (Source: Climate Data.Org, 2021)

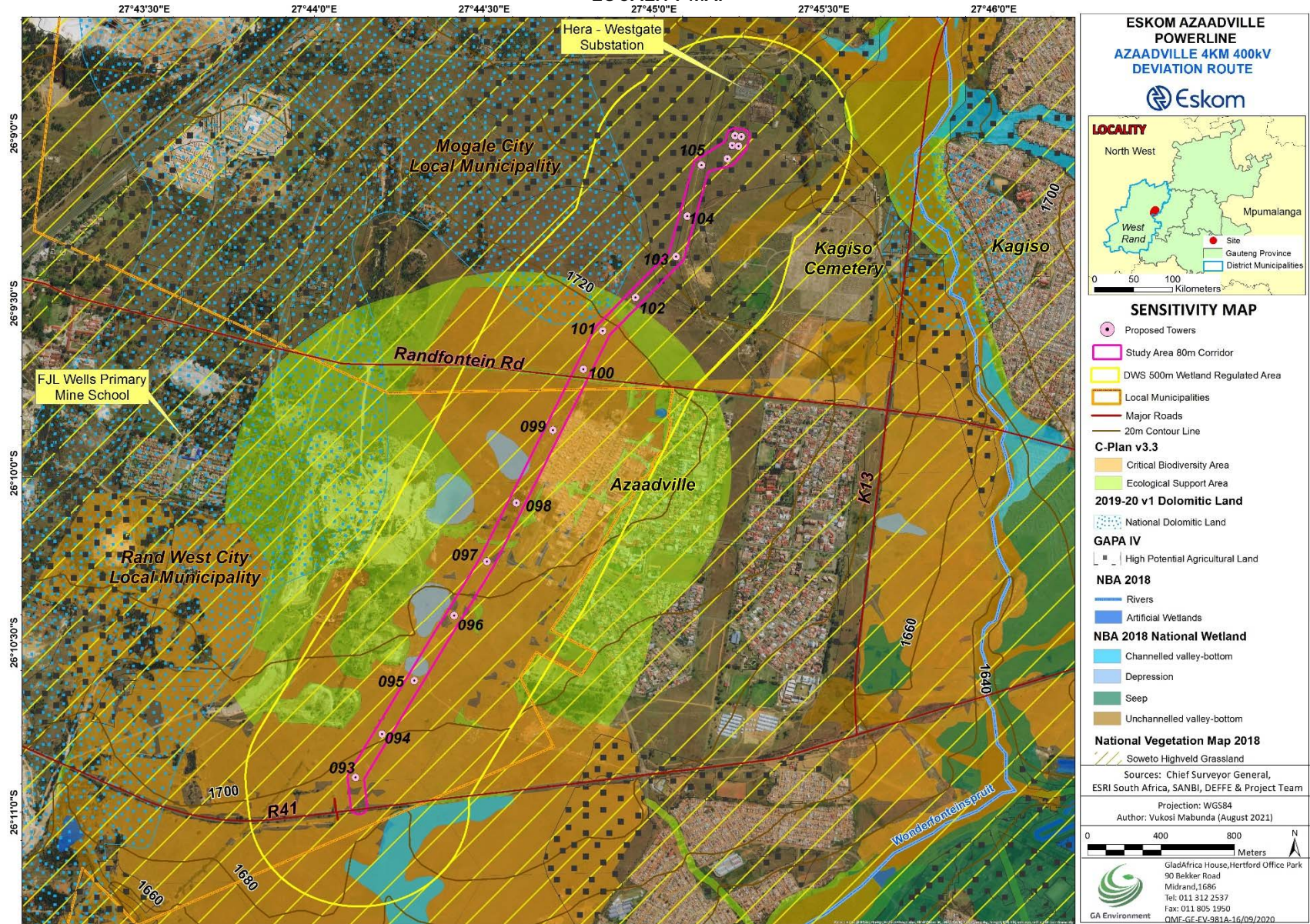
0 400 800 Meters

Sources: Chief Surveyor General, ESRI South Africa & Climate Data.Org and Project Team

Projection: WGS84
 Author: Vukosi Mabunda (August 2021)

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APPENDIX 4 LOCALITY MAP



**ESKOM AZAADVILLE POWERLINE
AZAADVILLE 4KM 400kV
DEVIATION ROUTE**

Eskom

LOCALITY

North West
West Rand
Mpumalanga
Site
Gauteng Province
District Municipalities

0 50 100 Kilometers

SENSITIVITY MAP

- Proposed Towers
- Study Area 80m Corridor
- DWS 500m Wetland Regulated Area
- Local Municipalities
- Major Roads
- 20m Contour Line

C-Plan v3.3

- Critical Biodiversity Area
- Ecological Support Area

2019-20 v1 Dolomitic Land

- National Dolomitic Land

GAPA IV

- High Potential Agricultural Land

NBA 2018

- Rivers
- Artificial Wetlands

NBA 2018 National Wetland

- Channelled valley-bottom
- Depression
- Seep
- Unchannelled valley-bottom

National Vegetation Map 2018

- Soweto Highveld Grassland

Sources: Chief Surveyor General, ESRI South Africa, SANBI, DEFFE & Project Team

Projection: WGS84
Author: Vukosi Mabunda (August 2021)

0 400 800 Meters

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**APPENDIX 5
ADDITIONAL INFO, IF ANY**

Please refer to Appendix 3 for the following Additional Information:

- Appendix 3A: Department of Forestry, Fisheries and the Environmental Screening Tool Report; and
- Appendix 3B: Strategic Infrastructure Projects Confirmation Letter.