



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

File Reference Number:	(For official use only)
NEAS Reference Number:	DEA/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 (the Regulations)

PROJECT TITLE

PROPOSED EXPANSION OF THE EXISTING WESGLASS SUBSTATION AND ASSOCIATED POWER LINE UPGRADE, CITY OF TSHWANE, GAUTENG PROVINCE.

Indicate if the **DRAFT** report accompanies the application

Yes
No

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.
2. 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** th0065 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.
8. 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.

1. PROOF OF PAYMENT

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 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	✓

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 eg. -33.918861/18.423300 Proof of payment must accompany the application form: Indicate reference number below. Tax exemption status: Status: Tax exempted Reference number:
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(SS Alternative 1) – Preferred location

The expansion will be of the existing 33kV Wesglass substation to a 132kV located on Portion 3 of Farm Sjambok Zyn Oude Kraal 258 JR. This expansion will also be of a physical nature where the substation will be expanded from 35m x 45m to 100m x 150m (15 000 m²). The existing Wesglass substation is located within the Ga-Rankuwa Industrial area where the immediate surroundings to the north is disturbed open bush veld with scattered trees dominated by vegetation is mostly *Combretum* woodland on shallow rocky soil. Overall the Wesglass substation is surrounded by a number of industrial complexes and factory houses.

(SS Alternative 2) location

This site is located on open bushveld and shrubland with scattered *Acacia tortilis* trees and some *Hyparrhenia hirta* shrubland vegetation approximately 950m west of the existing Wesglass substation. The site is disturbed and degraded due to human impacts such as borrow pits, dumping of solid waste in the borrow pits, vehicle tracks; footpaths, frequent fires, grazing, etc. The clearing of all vegetation to a footprint of 100m x 150m will have to take place if any of these alternatives are to be selected.

(SS Alternative 3) location

Equally as SS Alternative 2, this site is approximately 750m west of the existing Wesglass substation. This site is also disturbed and degraded due to anthropological activities such as solid waste dumping, vehicle tracks, footpaths and grazing. The site area is characterised by scattered *Acacia tortilis* trees and some *Hyparrhenia hirta* shrubland vegetation.

Power line expansion/upgrade

(Alternative 1) – Preferred route plan

The upgrade will be of the existing 33kV power line that spans for approximately 2.6 km from the existing Wesglass substation to the authorised line of GaRankuwa-Dipompong (Dotted Orange) to the south of which is yet to be constructed. This existing power line tarts off at the existing Wesglass substation between Fourth and Third Street in GaRankuwa Industrial, where it exits the substation in a western direction, after crossing Fourth Street it then turns south towards Main Street where it connects with the GaRankuwa-Dipompong and that is characterised as a simple gum pole structure. This line traverses Ga-Rankuwa Unit 24 & 25 Township and a small section over an open disturbed area south of the Ga-Rankuwa Township.

(Alternative 2) route plan

The length of power line Alternative 2 is approximately 1685 m and It exits the SS Alternative 2 and heads into a western direction along the northern boundary of Ga-Rankuwa Unit 24. The alignment turns south at the northern corner of the cemetery and runs between the cemetery and Ga-Rankuwa Unit 24 and 25 towards the western entrance road to Ga-Rankuwa Unit 24 and 25.

(Alternative 3) route plan

The length of power line Alternative 2 is approximately 1960 m and it follows the same path as Alternative 2 but starts at SS Alternative 3 which is located north east from substation site 2. The

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 process?	YES	NO ✓
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Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Table 1

Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)	✓	Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification		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 leather	
Basic services (local government access roads)		Forestry, paper, pulp and furniture	
Basic services (local government) – public transport		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		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.	YES	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:		

Telephone:	012 358 8667	Fax:	(012) 323 8934
E-mail:	tshinyadzom@tshwane.gov.za		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 4**. Unless the application is in respect of linear activities or strategic integrated projects as contemplated in the Infrastructure Development Act, 2014, **written consent** of landowner/s must be submitted in **Appendix 4**.

Identified Competent Authority to consider the application:	National Department of Environmental Affairs (DEA)
Reason(s) in terms of S24C of NEMA 1998 as amended:	Applicant is a State Owned Company

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP company name:	Envirolution Consulting (Pty) Ltd			
B-BBEE	Contribution level (indicate 1 to 8 or non compliant)	Level 1	Percentage Procurement recognition	135 %
Professional affiliation/registration:	South African Council for Natural Scientific Professions			
Contact person:	Thabang Sekele			
Company:	Envirolution Consulting			
Physical address:	Vista Place No 52 Suit 1a & 2 No 52 Cnr Voster Avenue & Glen Avenue Glenanda Johannesburg			
Postal address:	P.O.Box 1898, Sunninghill			
Postal code:	2157	Cell:	082 861 0747	
Telephone:	086 144 4499	Fax:	086 162 6222	
E-mail:	thabang@envirolution.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	Gauteng Province
District Municipality	City of Tshwane Metropolitan Municipality
Local Municipality	City of Tshwane Metropolitan Municipality
Ward number(s)	30
Nearest town(s)	Soshanguve
Farm name(s) and number(s)	Farm Ga-Rankuwa Industrial, Portion 28, 29, 30, 31. Farm Sjambok Zyn Oude Kraal 258 JR, Portion 2, 3.
Portion number(s)	See above

Surveyor General 21 digit code

but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for- (i) the undertaking of a linear activity.	of indigenous vegetation of more than 1 hectare but less than 20 hectares.
The development of – (x) buildings exceeding 10 square metres in size (xii) infrastructure or structures with a physical footprint of 10 square metres or more (a) within a watercourse (b) In Gauteng (iv) Sites identified as Critical Biodiversity Areas (CBAs) and Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in bioregional plans.	Electrical infrastructure with a physical footprint of more than 10 square metres will be developed in Gauteng Province in an area identified as Critical Biodiversity Areas (CBAs) and Ecological Support Areas (ESAs) in the Gauteng Conservation Plan.

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.

The following activities will be undertaken as part of the Public Participation Process:

- Placement of site notices along the power line and within the substation location.
- Placement of advertisements on local newspapers.
- Identification and notification of I&APs for project registration.
- Placement of Draft Basic Assessment in public places for review by Interested and affected parties for 30 days.
- Determination of the need to hold public and focus group meetings. The need of the meeting will depend on the public interest and the nature of the issues that will be raised by Interested and Affected parties.
- Following the issuing of the Environmental Authorisation, all identified and registered I&APs will be informed of the outcome of the Environmental Authorisation process.

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
SEMA s				
National Environmental Management: Air Quality Act	YES	NO ✓	YES	NO
National Environmental Management: Biodiversity Act	YES	NO ✓	YES	NO

APPENDIX 1
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION



Department of Environmental Affairs
Directorate: Environmental Impact Assessment
Private Bag X447
Pretoria
0001

Date: 22 February 2017

Attention: Director: Integrated Environmental Authorisations

Dear Sir/Madam,

MOTIVATION FOR EXCLUSION FROM PAYING FEES FOR PROPOSED EXPANSION OF THE EXISTING WESGLASS SUBSTATION AND ASSOCIATED POWER LINE UPGRADE, CITY OF TSHWANE, GAUTENG PROVINCE.

This letter serves as motivation for exclusion of the payment of application fees for the abovementioned Environmental Authorisation process for the proposed project.

For the abovementioned application, Eskom Holdings (SOC) Limited, as the applicant, is an organ of state and is thus excluded from the payment of application fees according to Regulation 2(b) of GN R584 of 28 February 2014.

Should you require additional information, please do not hesitate to contact Eskom.

Yours sincerely,

Ms Emelqa Malima
OFFICER ENVIRONMENT AND QUALITY

Eskom Holdings SOC Ltd
Land Development Department
01 Gobie Street Newlands
PO BOX 36099 Menlo Park 0102 SA
Tel +27 12 484 5109 Fax +27 86 605 3309 www.eskom.co.za

Eskom Holdings SOC Limited Reg No. 2002/015527/30

<p>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.</p> <p><i>Indicate capacity in MW:</i></p>	
<p>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.</p> <p><i>Indicate capacity in MW:</i></p>	
<p>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.</p>	
<p>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 train-line, 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.</p>	
<p>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.</p>	
<p>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.</p>	
<p>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.</p>	
<p>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 Infracore 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.</p>	

**APPENDIX 3 (IF APPLICABLE)
LIST OF LOCAL MUNICIPALITIES**

Appendix 3:

Local municipality:
Contact person:
Postal address:
Postal code:
Telephone:
E-mail:

City of Tshwane Metropolitan Municipality		
Tshinyadzo Mphephu		
PO Box 1454 Pretoria, Gauteng		
0001	Cell:	073 476 0471
012 358 8667	Fax:	(012) 323 8934
tshinyadzom@tshwane.gov.za		

**APPENDIX 4
LIST OF LAND OWNERS
WRITTEN CONSENT OF LAND OWNERS**

Land Owner

Landowner:

Contact person:

Postal address:

Postal code:

Telephone:

E-mail:

Violet Mapoti		
City of Tshwane Metropolitan Municipality		
PO Box 1454 Pretoria, Gauteng		
0001	Cell:	083 257 7847
012 358 7740	Fax:	
violet@tshwane.gov.za		



PO Box 1898 • Sunninghill 2157
223 Columbine Avenue • Mondeor 2091
Tel: 0861 44 44 99
Fax: 0861 626 222
Email: info@envirolution.co.za

04 October 2016

For the Attention of **Rudzani Mukheli/Nelutshindwi**
Municipal Office Pretoria 4th Floor
11 Francis Baard St, Pretoria Central, 0002
PO Box 1454
Pretoria, Gauteng
0001

Tel: 012 358 6779
Fax: 012 323 8934

NOTIFICATION OF BASIC ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION OF THE WESGLASS SUBSTATION AND ASSOCIATED 132Kv OVERHEAD POWER LINE AND INVITATION TO PARTICIPATE

According to our records, the City of Tshwane Metropolitan Municipality is the owner of Portion 3 of **Sjambok Zyn Oude Kraal 258-Jr** (SG Number: T0JR0000000025800003), on which Eskom Holdings SOC Limited proposes the development of the new 132 kV Wesglass substation at Ga-Rankuwa and its associated 132kV overhead distribution power line. As land owner of this property (please verify), you will be involved throughout the public consultation process. Furthermore, you will have an opportunity to comment by raising issues of concern and/or suggestions for enhanced benefits and/or alternatives; and to ensure that the competent authority, the Department of Environmental Affairs (DEA), has sufficient information to make a decision. Registration with the Department of Environmental Affairs is in process, and you will receive more information during in due course. For effective communication, you are requested to send us your office representative's contact details (e-mail address/fax number and contact numbers).

Notice is hereby given in terms of Regulations published in Government Notice R. 982 in Government Gazette No. 38282 of 04 December 2014, under Sections 24(5), and 44, of the National Environmental Management Act, 1998 (Act No.107 of 1998), as amended, that **Envirolution Consulting** acts as independent environmental consultant, to undertake the Basic Assessment process (GNR. 983, Listing Notice1). The main objective of the Basic Assessment process is to identify & assess potential environmental impacts associated with the proposed project, and to compile appropriate mitigation measures. Since the applicant is an Organ of State, the application will be submitted to the National Department of Environmental Affairs (DEA).

Three alternatives have been proposed for the power line, which will be located to the west of Ga-Rankuwa Zone 17 within the boundaries of City of Tshwane Municipality in the Gauteng Province. Three alternatives have been proposed for the Wesglass substation, close to the Industrial area to the North-West of Ga-Rankuwa Zone 17. The objective of the proposed substation and the associated 132 kV overhead power line is to strengthen the network capacity as well as to improve the quality of supply in the area.

You are registered as Interested and Affected Party (I&AP) and are invited to submit your comments and queries to Envirolution Consulting at Tel: 0861 444 499, Fax: 0861 626 222 or e-mail: marinda@envirolution.co.za

Regards

Marinda le Roux

Marinda le Roux
Project Manager and EAP

INVITATION TO PARTICIPATE

BASIC ASSESSMENT PROCESS FOR THE PROPOSED CONSTRUCTION OF THE WESGLASS SUBSTATION AND ASSOCIATED 132Kv OVERHEAD POWER LINE

Registration & Comment Sheet
October 2016



If you are interested in or affected by the project, please complete this Registration and Comment Sheet and return to: Envirolution Consulting PO Box 1898 Sunninghill 2157 or fax 086 162 6222 or e-mail admin@envirolution.co.za or marinda@envirolution.co.za

Name: Surname:
Organisation:
Postal or Residential Address:
.....Postal Code:
Tel number:Fax number:Mobile number:
E-mail address:Date.....

YOUR COMMENTS AND/OR QUESTIONS

Do you know of anybody else that might be interested in or affected by the project? *Kindly provide contact details:*

Name: Surname:
Tel number:Fax number:Mobile number:
E-mail address:
Name: Surname:
Tel number:Fax number:Mobile number:
E-mail address:

For more information contact us on 086 144 4499

List of REGISTERED LETTERS
Lys van GEREgistreerde Briewe
(with an insurance option/met 'n versekeringsopsie)



Post Office

Full tracking and tracing/Volledige volg en spoor

Name and address of sender:
 Naam en adres van afsender: ENVOLUTION CONSULTING

Enquiries/Navrae
 Toll-free number
 Tolvry nommer
0800 111 502

No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-kliëntafskrif
1	<u>Rudhane Mukhali</u> <u>P.O Box 1492 Pretoria - 0001</u>					REGISTERED LETTER <small>(with a domestic insurance option)</small> RC 075 714 694 228 CUSTOMER COPY 30182R
2						
3						
4						
5						ACCEPTED AFTER FINAL DESPATCH AFGENEEM NA FINALE VERSENDING
6						
7						
8						
9						
10						
Total Totaal		R	R	R	R	

Number of letters posted
 Getal briewe gepos

1

Signature of client
 Handtekening van kliënt

Signature of accepting officer
 Handtekening van aanneembeampte

MONDESP
 Date stamp
11 OCT 2015
 2
 2110
 Datumstempel

The value of the contents of these letters is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100,00. No compensation is payable without documentary proof. Optional insurance of up to R200,00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie briewe is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100,00. Geen vergoeding is sonder dokumentere bewys betaalbaar nie. Opsionele versekering van tot R2 000,00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

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

Appendix 5 - LIST OF SGIDS

T0JR04430000002800000	GA-RANKUWA INDUSTRIAL PORTION 28
T0JR04430000002900000	GA-RANKUWA INDUSTRIAL PORTION 29
T0JR04430000003000000	GA-RANKUWA INDUSTRIAL PORTION 30
T0JR04430000003100000	GA-RANKUWA INDUSTRIAL PORTION 31
T0JR04430000008000000	GA-RANKUWA INDUSTRIAL PORTION 80
T0JR044300000038800000	GA-RANKUWA INDUSTRIAL PORTION 388
T0JR02580000000300000	SJAMBOK ZIJN OUDE KRAAL PORTION 258-JR
T0JR02580000000200000	SJAMBOK ZIJN OUDE KRAAL PORTION 258-JR
T0JR02580000000200000	SJAMBOK ZIJN OUDE KRAAL PORTION 258-JR

Alternative 1

x_coord	y_coord
27° 59' 17.904" E	25° 33' 49.860" S
27° 59' 24.233" E	25° 33' 49.328" S
27° 59' 14.291" E	25° 33' 57.224" S
27° 59' 11.366" E	25° 34' 4.902" S
27° 59' 8.441" E	25° 34' 12.579" S
27° 59' 5.517" E	25° 34' 20.257" S
27° 59' 2.592" E	25° 34' 27.935" S
27° 58' 59.667" E	25° 34' 35.612" S
27° 58' 56.742" E	25° 34' 43.290" S
27° 58' 53.817" E	25° 34' 50.968" S
27° 58' 50.891" E	25° 34' 58.645" S
27° 58' 48.857" E	25° 35' 3.984" S

Alternative 2

x_coord	y_coord
27° 58' 18.523" E	25° 34' 10.242" S
27° 58' 15.717" E	25° 34' 17.956" S
27° 58' 21.329" E	25° 34' 2.528" S
27° 58' 24.135" E	25° 33' 54.814" S
27° 58' 27.655" E	25° 33' 47.526" S
27° 58' 33.910" E	25° 33' 44.287" S
27° 58' 42.290" E	25° 33' 47.152" S
27° 58' 47.948" E	25° 33' 48.245" S

Alternative 3

x_coord	y_coord
27° 58' 18.523" E	25° 34' 10.242" S
27° 58' 15.717" E	25° 34' 17.956" S
27° 58' 21.329" E	25° 34' 2.528" S
27° 58' 24.135" E	25° 33' 54.814" S
27° 58' 27.655" E	25° 33' 47.526" S
27° 58' 33.910" E	25° 33' 44.287" S
27° 58' 42.290" E	25° 33' 47.152" S
27° 58' 50.670" E	25° 33' 50.018" S
27° 58' 55.885" E	25° 33' 47.927" S

Lengths (m)	Alt 1	Alt 2	Alt 3
	2673.85	1683.89	1958.68

Name	x_coord	y_coord
Substation Alt 1	27° 59' 26.172" E	25° 33' 49.458" S
Substation Alt 1	27° 59' 25.006" E	25° 33' 50.869" S
Substation Alt 1	27° 59' 23.513" E	25° 33' 49.918" S
Substation Alt 1	27° 59' 24.638" E	25° 33' 48.445" S
Substation Alt 3	27° 59' 0.455" E	25° 33' 45.268" S
Substation Alt 3	27° 58' 57.201" E	25° 33' 49.125" S
Substation Alt 3	27° 58' 54.119" E	25° 33' 47.472" S
Substation Alt 3	27° 58' 57.476" E	25° 33' 43.495" S
Substation Alt 2	27° 58' 51.054" E	25° 33' 49.573" S
Substation Alt 2	27° 58' 52.431" E	25° 33' 46.801" S
Substation Alt 2	27° 58' 45.872" E	25° 33' 47.903" S
Substation Alt 2	27° 58' 47.463" E	25° 33' 44.989" S

**APPENDIX 6
PROJECT MAP**

Moretele

LM
of Madibeng

Site

City of Tshwane

WESGLASS SUBSTATION LOCALITY MAP

Legend

Alternative 1 (Pref)

Alternative 2

Alternative 3

Garankuwa-Dipompong-Dinaledi

Railway Lines

National Route

Arterial Route

Main Road

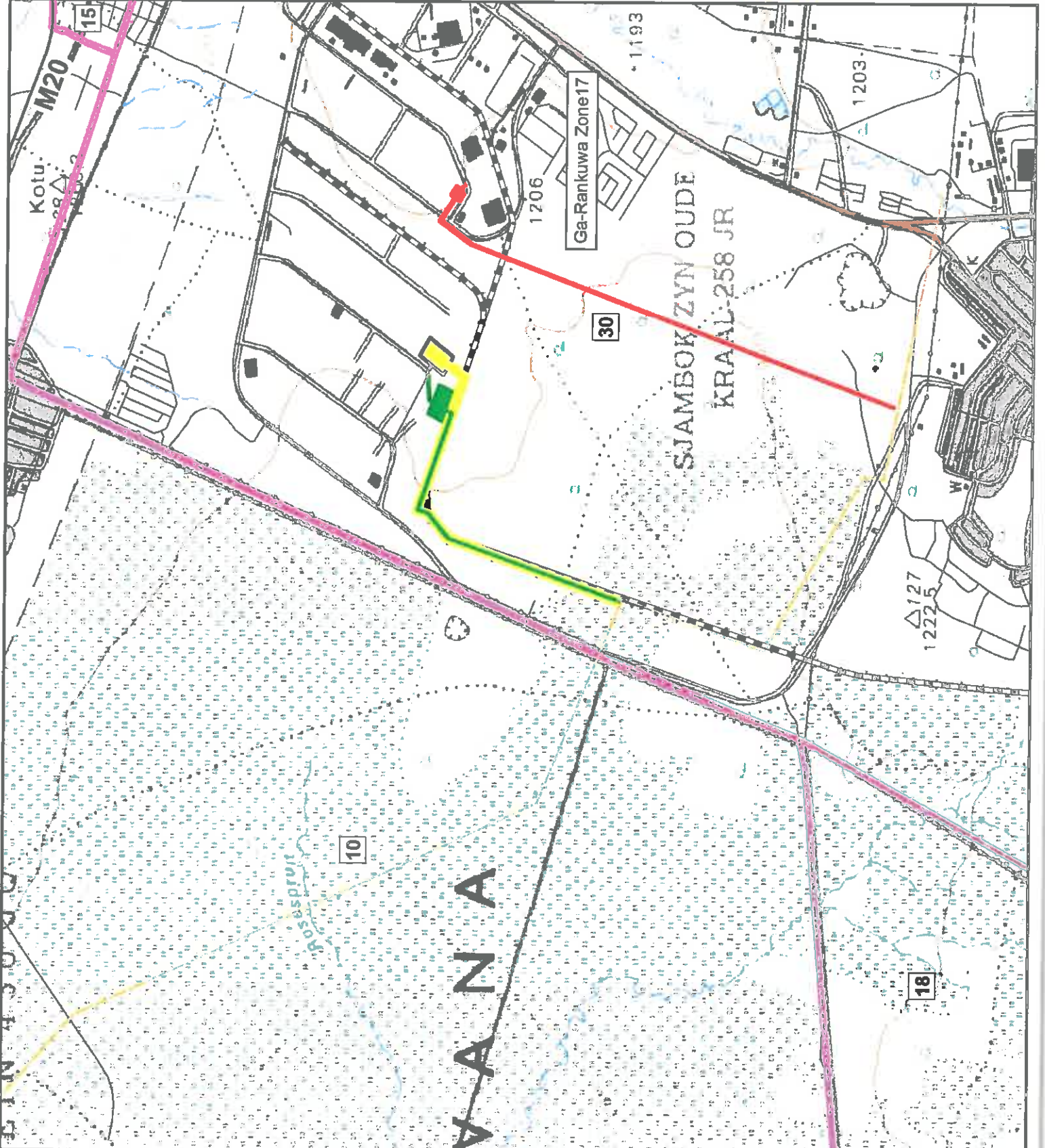
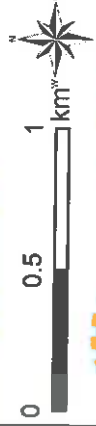
Other Access

SS Alternative 1

SS Alternative 2

SS Alternative 3

Ward Boundary



**APPENDIX 7
PROJECT SCHEDULE**


ID	Task Name	Duration	Start	Finish	Predecessors
1		244 days	Thu 18-09-29	Tue 17-08-06	
2	Appointment	1 day	Thu 18-09-29	Thu 18-09-29	1
3	Kick-off Meeting	1 day	Fri 18-09-30	Fri 18-09-30	2
4	Undertake Specialist Studies	25 days	Mon 18-10-03	Fri 18-11-04	3
5	Prep for IAP Notification	3 days	Mon 18-10-03	Wed 18-10-05	3
6	Undertake Public Notification	23 days	Thu 18-10-06	Mon 18-11-07	4
7	Complete Draft SRR	28 days	Mon 18-10-03	Mon 18-11-07	4
8	Complete and submit Application	3 days	Thu 18-11-03	Mon 18-11-07	7
9	Prepare Report for Public Review	2 days	Tue 18-11-08	Wed 18-11-09	8
10	Public Review	23 days	Thu 17-03-23	Mon 17-04-24	9
11	Finalise Report and Submit	2 days	Tue 17-04-26	Wed 17-04-28	10
12	Auth Review	80 days	Thu 17-04-27	Wed 17-06-30	11
13	Auth Issue Decision	1 day	Thu 17-06-30	Thu 17-06-30	12
14	Notification to IAPs of the Decision	3 days	Fri 17-06-31	Tue 17-06-31	13



**APPENDIX 8
DECLARATION OF THE APPLICANT**

I, Emelda Malima, 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.



Signature³ of the applicant/ Signature on behalf of the applicant

Eskom Holdings SOC Ltd

Name of company (if applicable)

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.


22 February 2017

Date:

APPENDIX 9

9.2 UNDERTAKING UNDER OATH/ AFFIRMATION

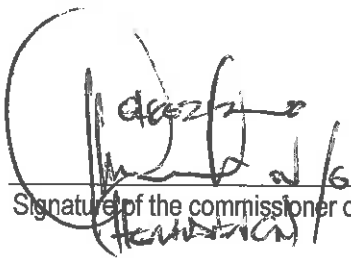
I, K. Galendor, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



Signature of the environmental assessment practitioner
ENVIROCLUTION CONSULTING

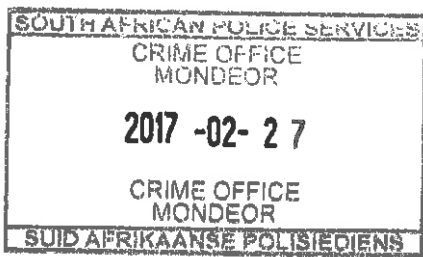
Name of company
27/02/17

Date



Signature of the commissioner of oaths

Date 2017-02-27





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www.envirolution.co.za

Department of Environmental Affairs
Environment House
473 Steve Biko
Arcadia
Pretoria, 0083
South Africa

17 March 2017

Attention: Mr Sabelo Malaza

Dear Mr Malaza,

Please find below for your reference:

**PROPOSED EXPANSION OF THE EXISTING WESGLASS SUBSTATION AND ASSOCIATED POWER LINE
UPGRADE, CITY OF TSHWANE, GAUTENG PROVINCE.**

Letter of Consent

I, Thabang Sekele, officially grant consent to K. Govender to sign the Declaration of EAP form on behalf of myself for the PROPOSED EXPANSION OF THE EXISTING WESGLASS SUBSTATION AND ASSOCIATED POWER LINE UPGRADE, CITY OF TSHWANE, GAUTENG PROVINCE application to the Department of Environmental Affairs.

Kind regards,

Thabang Sekele
(Project Manager)
thabang@envirolution.co.za