



forestry, fisheries & the environment

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

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 9000, Fax: +27 86 625 1042

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

Application submitted for authorisation in terms 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 (*This must include local municipality and/or district municipality and province*)

NTCSA Delphi 400/132kV Substation Expansion, near Komani in the Enoch Mgijima Local Municipality, Eastern Cape.

Indicate if the DRAFT report accompanies the application (tick/select one box)	YES <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>

PRE-APPLICATION CONSULTATION

Was a pre-application meeting held	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Date of the pre-application meeting	N/A it was confirmed by the case officer that a preapplication meeting would not be required for this project. Confirmation email is attached as Appendix 1 to this application.	
Reference number of pre-application meeting held	N/A	
Were minutes compiled and submitted to the Department for approval	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
A copy of the approved pre-application meeting minutes must be appended to this application as APPENDIX 1 .		



Batho pele- putting people first

The processing of personal information by the Department of Forestry, Fisheries and the Environment is done lawfully and not excessive to the purpose of processing in compliance with the POPI Act, any codes of conduct issued by the Information Regulator in terms of the POPI Act and / or relevant legislation providing appropriate security safeguards for the processing of personal information of others.

IMPORTANT INFORMATION BEFORE COMPLETING THIS APPLICATION FORM:

1. General:

- 1.1. The appointed environmental assessment practitioner (EAP) **must be registered with Environmental Assessment Practitioners Association of South Africa (EAPASA)** in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended. Proof of such valid registration must be appended to this Application form. ([APPENDIX 6B](#)). This will be confirmed by the Competent Authority (CA) on the EAPASA website.
- 1.2. The EAP candidate may only **assist** the registered EAP and work under the supervision of a registered EAP (Regulation 14(6) in the S24H Registration Authority Regulations, 2016, as amended). The registered EAP takes full responsibility for the work conducted.
- 1.3. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Assessment Reporting where the Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority (CA).
- 1.4. 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).
- 1.5. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the Competent Authority. Upon request during any stage of the application process, the Applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
- 1.6. This application form is current as of August 2023. 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 accessible at <https://www.dffe.gov.za/documents/forms/legal>
- 1.7. The onus is on the Applicant/EAP to confirm whether DFFE is the Competent Authority to which this application must be submitted (Section 24C of NEMA) and 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 Listing Notice 1, 2, or 3 of the EIA Regulations, 2014 as amended, it must also form part of the Application for Environmental Authorisation.
- 1.8. An application for Environmental Authorisation lapses if the applicant fails to meet any of the timeframes prescribed in terms of the EIA Regulations, 2014, as amended.
- 1.9. An application for environmental authorisation **must** be accompanied by a report generated by the web based environmental screening tool (in [APPENDIX 14](#)). This has been stipulated as a requirement for the submission of applications for environmental assessment in the Environmental Impact Assessment Regulations. The Screening Tool allows for the generation of a Screening Report referred to in Regulation 16(1)(b)(v) of the Environmental Impact Assessment Regulations 2014, as amended, whereby a Screening Report is required to accompany any application for Environmental Authorisation.
- 1.10. If applicable, written confirmation that the CA has granted permission for the combination of application(s) for an environmental authorization in terms of the provisions of sub-regulation 11(1) of the EIA Regulations, 2014, as amended, must be attached to this application form (under [APPENDIX 15](#)).

2. Administrative Requirements:

- 2.1. An application fee is applicable (refer to 2. FEES). Proof of payment **must** accompany this application and be paid prior to the submission of this Application form ([APPENDIX 2](#)). The application will not be processed without proof of payment unless one of the exclusions provided for in the Fee Regulations is applicable **AND** such information in the exclusion section of this application form has been confirmed by this Department.
- 2.2. A cover letter on your company letterhead indicating the nature of this application **must** be appended to this form for e.g. new application for Environmental Authorisation, revised updated application for Environmental Authorisation etc.
- 2.3. An electronic copy of the signed application form must be submitted of both the Applicant and EAP and the signature should not be older than 4 months. The relevant form(s) can be found on our website <https://www.dffe.gov.za/documents/forms/legal>

- 2.4. This form must be submitted to the CA in the format as prescribed in the process to upload documents form. Note, that this CA does not accept hard copy documents since June 2020.
- 2.5. Where required, select the box required. The empty box, once selected, will replace with a .
- 2.6. The use of the phrase “not applicable” in the form must be done with circumspection. Where it is used in respect of material information that is required by the Competent Authority for assessing the application, this may result in the application being considered as incomplete as provided for in the EIA Regulations.
- 2.7. 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. The form can be found on our website <https://www.dffe.gov.za/documents/forms/legal>
- 2.8. Please note that this form must be copied to the relevant Provincial Environmental Department(s). Ensure that correct details are found/confirmed/provided.

Competent Authority Details

Online Submission only:

<https://sfiler.environment.gov.za:8443/>.

Click <https://www.dffe.gov.za/documents/forms/legal> for guidance document which must be complied with in order to upload/submit files to this Competent Authority.

Physical address:

Department of Forestry, Fisheries and the Environment
Attention: Chief Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia

For Submission enquiries: Contact the Directorate: IEA Strategic Support, Coordination and Reporting at:
Email: EIApplications@dffe.gov.za

For EIA related implementation queries:
Email: EIAdmin@dffe.gov.za

For EIA Related Interpretation queries in terms of the Listed Activities:
Email: IQ@dffe.gov.za

For SIP confirmation, please contact the SIP coordinator at the below contact details:

- Mr Alvino Wildschutt-Prins
Programme Manager: Infrastructure Pipeline Development & Management
SIP Programme Management Office
Cell: 072 650 2249
Email: alvino@presidency.gov.za
- Mr Avik Singh, Infrastructure Project pipeline (SIP Support)
AvikS@jdc.co.za

TABLE OF CONTENTS

1. COMPETENT AUTHORITY	5
2. FEES.....	5
3. GENERAL INFORMATION	6
4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION.....	7
5. PROJECT DESCRIPTION	8
5a. RENEWABLE ENERGY DEVELOPMENT ZONES:	9
5b. ELECTRICITY GRID INFRASTRUCTURE (EGI):.....	9
5c. GAS TRANSMISSION PIPELINE INFRASTRUCTURE:.....	11
5d. STRATEGIC INFRASTRUCTURE PROJECTS:.....	11
6. NATIONAL SECTOR CLASSIFICATION	11
7. SITE DESCRIPTION.....	14
8. ACTIVITIES APPLIED FOR	15
9. PUBLIC PARTICIPATION.....	18
10. OTHER AUTHORISATIONS REQUIRED	19
11. LIST OF APPENDICES.....	21

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

1. COMPETENT AUTHORITY

Identified Competent Authority to consider the application:	Department of Forestry Fisheries and the Environment
Reason(s) in terms of S24C of NEMA:	(2) (d) – Applicant (National Transmission Company of South Africa SOC Limited – <i>previously known as Eskom</i>) is an organ of state.
Attach proof of Section 24 C (3) agreement, where applicable	Proper motivation must be attached to the application (APPENDIX 15)

2. FEES

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 of payment or a motivation for exclusions must be attached as [APPENDIX 2](#) of this application form.

Proof of payment attached	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Payment Reference Number	N/A. Applicant is an Organ of State	
Exclusion in terms of Regulation 2(a) or 2(b) of GNR 141 of 28 February 2014 (Fee Regulations)	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

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 (APPENDIX 2)	
The activity is a community based project funded by a government grant	<input type="checkbox"/>	
The applicant is an organ of state	<input checked="" type="checkbox"/>	
FEE AMOUNT		
	Fee	
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000	<input checked="" type="checkbox"/>
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000	<input type="checkbox"/>

Department of Forestry, Fisheries and the Environment banking details for the payment of application fees:

<p>Payment/Refund Enquiries: Email: EIAAdmin@dfpe.gov.za</p> <p>Banking details: Bank ABSA Bank Branch code 632005 Account number 1044 2400 72 Account Type Current account</p> <p>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 e.g. -33.918861/18.423300</p> <p>Status: Tax exempted</p>

3. GENERAL INFORMATION

PROJECT TITLE (This must include local municipality and/or district municipality and Province)

NTCSA Delphi 400/132kV Substation Expansion, near Komani in the Enoch Mgijima Local Municipality, Eastern Cape.

Title	Mr
Name of the Applicant	National Transmission Company of South Africa SOC Limited
Surname of the Applicant	National Transmission Company of South Africa SOC Limited
Name of contact person for applicant (name and surname) (if other)	Itumeleng Moeng
Company/ Trading name (if any)	National Transmission Company of South Africa SOC Limited
Company Registration Number	2021/539129/30
Physical address	Megawatt Park 2 Maxwell Drive Sunninghill Gauteng 2157
Postal address	PO Box 1091 Johannesburg Gauteng
Postal code	2000
Telephone	011 800 4114
Cellphone	N/A
E-mail	Moengl@ntcsa.co.za

Name of the Landowner	National Transmission Company of South Africa SOC Limited
Surname of the Landowner	National Transmission Company of South Africa SOC Limited
Postal address	PO Box 1091 Johannesburg Gauteng
Postal code	2000.
Telephone	011 800 4114
Cellphone	N/A
E-mail	Moengl@ntcsa.co.za

Name of the Person in control of the land	National Transmission Company of South Africa SOC Limited
Surname of the Person in control of the land	National Transmission Company of South Africa SOC Limited
Postal address	PO Box 1091 Johannesburg Gauteng
Postal code	2000
Telephone	011 800 4114
Cellphone	N/A

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

E-mail	Moengl@ntcsa.co.za
--------	--------------------

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as [APPENDIX 3](#).

Unless the application is in respect of linear activities or Strategic Infrastructure Projects as contemplated in the Infrastructure Development Act (Act No. 23 of 2014) and Regulation 39 of the EIA Regulations, 2014, as amended, written consent of landowner/s must be submitted in [APPENDIX 3](#).

The signed declaration undertaking by the applicant must be submitted as [APPENDIX 4](#) (must not be older than 4 months).

Provincial Environmental Authority:	Eastern Cape Department of Economic Development, Environmental Affairs and Tourism
Name of contact person in Environmental Section (name and surname)	Mrs N. Mdekazi-Nkqubezelo
Postal address	Block E Bathandwa Ndondo Office Park Komani
Postal code	5380
Telephone	N/A
Cellphone	083 387 9274
E-mail	Nondwe.mdekazi@dedea.gov.za

Local Municipality	Chris Hani District Municipality
Name of contact person in Environmental Section (name and surname)	Pamela Mabentsela
Postal address	56 Tylden Str, Komani
Postal code	5380
Telephone	045 807 9040
Cellphone	N/A
E-mail:	pmabentsela@chrishanidm.gov.za

In instances where there is more than one Local/Provincial Authority involved, please attach a list of those Local/ Provincial Authorities with their contact details as [APPENDIX 5](#). Ensure that the details provided above are verified and valid.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner (EAP)	Environmental Impact Management Services (Pty) Ltd - EIMS
EAP name and surname	Brian Whitfield
EAP Qualifications and Professional affiliations	BSc Honours (Botany); University of the Witwatersrand, 1999, BSc (Botany and Zoology); University of the Witwatersrand, 1998 Registered Environmental Assessment Practitioner - EAP (2022/4496) with the EAPASA

DDFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

	Registered Professional Natural Scientist (SACNASP-400447/13).
Physical address	8 Dalmeny Road, Pine Park, Randburg, 2194
Postal address	PO Box 2083, Pinetown
Postal code	2123
Telephone	011 789 7170
Cellphone	082 688 9850
E-mail	brian@eims.co.za

In terms of section 24H of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), and the S24H Regulations as amended:

Are you a registered environmental assessment practitioner, registered with EAPASA in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended.	YES* <input checked="" type="checkbox"/>	NO** <input type="checkbox"/>
If “No**” provide proof of appointment letter clearly depicting appointment before the 08 August 2022 as per GNR 1733, Amendment of Section 24H Registration Authority Regulations, 2016, 7 February 2022. If you do not attach this proof, you may not commence further with the application, kindly refer to Section 24H Registration Authority Regulations, 2016, as amended.	Attached as APPENDIX 6A	
If “Yes*” please provide a valid certificate of registration (Please attach under APPENDIX 6B) Note that this will be verified with EAPASA.	Attached as APPENDIX 6B	
Please provide valid EAPASA Registration number.	2022/4496	

The appointed EAP must meet the requirements of Regulation 13 of the EIA Regulations, 2014 as amended and Regulation 15(1) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended. 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 6C](#).

5. PROJECT DESCRIPTION

Please provide a **detailed** description of the project. Ensure to include all associated infrastructure related to the main facility (*note that the box will expand based on the text included*):

<p>The proposed expansion of the NTCSA Delphi 400/132kV Substation is aimed at enhancing the grid capacity to facilitate the connection of renewable energy generation by the year 2027. The project aligns with the 2022 Transmission Development Plan (TDP), which forecasts a requirement of 31,095 MW of photovoltaic (PV) and wind generation by 2030, with 16,604 MW needed as early as 2027. This expansion is critical due to the current limited capacity in many transmission supply areas, especially those identified in bid windows 5 and 6, and through an industry survey among various renewable energy (RE) associations. The Delphi Substation has been earmarked for this initiative due to its strategic location and existing infrastructure.</p> <p>Key Components of the Proposed NTCSA 400/132kV Substation Expansion</p> <ol style="list-style-type: none"> 400kV Yard Extension: <ul style="list-style-type: none"> Extend the 400kV yard in the north-easterly direction by one bay. Equip the 400kV yard with one 400/132kV, 500 MVA transformer bay. Install one 400/132kV, 500 MVA transformer. Equip the 400kV busbar (B/B) and bus section (B/S). Equip the 400kV bus coupler bay (B/C). 132kV Yard Extension:
--

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

<ul style="list-style-type: none"> Extend the 132kV busbar in the north-easterly direction by seven bays. Equip one 132kV transformer bay. Equip the 132kV busbar (B/B) and bus section (B/S). Equip the 132kV bus coupler bay (B/C) in a new position.
<p>3. Civil and Structural Requirements:</p> <ul style="list-style-type: none"> Fence the yard and extend the terrace and road. Relocate the existing oil dam (destroy existing, construct a new dam) Undertake special earthworks and deviate the existing stormwater drainage.
<p>4. Oil Holding Dam:</p> <ul style="list-style-type: none"> Construction of an oil holding dam with a capacity of 120 cubic meters and a surface area of approximately 190 square meters. The proposed location for the oil holding dam is towards the northeast of the property boundary, within a wetland and 32 meters of a wetland (artificial).
<p>5. Substation Expansion:</p> <ul style="list-style-type: none"> The expansion area extends into the regulated area of a watercourse (artificial wetland) and will exceed 100 square meters. Earthworks for the development are estimated at 12,000 cubic meters, predominantly within a artificial wetland and the regulated area of a wetland. Clearance of grassland vegetation will be necessary for the expansion, affecting an area of approximately 15,600 square meters (1.56 hectares).

5a. RENEWABLE ENERGY DEVELOPMENT ZONES:

Does the project form part of a Renewable Energy Development Zone (REDZ) as per GN 114 ?	YES* <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If "YES"		
<ul style="list-style-type: none"> Confirm Technology 	Large Scale Wind <input type="checkbox"/>	Large Scale Solar PV <input type="checkbox"/>
<ul style="list-style-type: none"> Confirm Zone as per GNR 114 and GNR 142 and 144 	N/A	
<ul style="list-style-type: none"> A map showing the proposed development (100% of the proposed footprint) within the boundary of the zone mentioned above must be generated using the screening tool. Use the "Print Map" feature available in the Screening tool to create a map as required. 	YES <input type="checkbox"/>	Attached as APPENDIX 7A

5b. ELECTRICITY GRID INFRASTRUCTURE (EGI):

Does the project form part of an Electricity Grid Infrastructure (EGI) as per GN 113?	YES* <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
If "YES"		
<ul style="list-style-type: none"> Confirm Strategic Transmission Corridor (STC) as per GNR 113 	Eastern Corridor	
<ul style="list-style-type: none"> A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the STC mentioned above. Use the "Print Map" feature available in the Screening tool to create a map as required. 	YES <input checked="" type="checkbox"/>	Attached as APPENDIX 7B
<ul style="list-style-type: none"> Attach a pre-negotiated route with the landowner(s) as per Reg 5 of GNR 113. (See <i>template attached to this Application form</i>) 	YES <input type="checkbox"/>	Attached as APPENDIX 7C

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

Does the project form part of the Standard as per GNR 2313	YES* <input type="checkbox"/>	NO** <input checked="" type="checkbox"/>
If "YES*" please complete the procedure for following the Standard to apply for registration.		
If "NO", see below and provide motivation (written and illustrative using maps and/or photographic evidence, to confirm why the Standard and the exclusions therein do not apply) as APPENDIX 7D .		
<ul style="list-style-type: none"> Where any part of the infrastructure occurs on an area for which the environmental sensitivity for any environmental theme is identified as being <i>very high</i> or <i>high</i> by the national web based environmental screening tool and confirmed to be such through the application of the procedures set out in the Standard 	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
<ul style="list-style-type: none"> Where the site sensitivity verification for a specific theme identifies that the <i>low</i> or <i>medium</i> sensitivity rating of the national web based environmental screening tool is in fact <i>high</i> or <i>very high</i>; 	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
<ul style="list-style-type: none"> Where the greater part of the proposed infrastructure falls outside any strategic transmission corridor. 	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Motivation for the development not falling within the Standard supplied as APPENDIX 7D	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
<p><i>Regulation 7 of GNR 2313 states: 'Where this Standard does not apply, either the requirements of the EIA Regulations or Government Notice No. 113, read with the EIA Regulations, where relevant, apply to the relevant theme for which the very high or high sensitivity has been identified in respect of the portion of the development or expansion which occurs on the area where the environmental sensitivity is confirmed to be very high or high, or to the entire development or expansion where the greater part of the infrastructure falls outside of the strategic transmission corridor.'</i></p>		
Does the project form part of the Electricity Grid Infrastructure (EGI) in a REDZ as per GN 145?	YES* <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
If "YES*":		
<ul style="list-style-type: none"> Confirm Zone as per GNR 145 	Stormberg Wind	
<ul style="list-style-type: none"> A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the zone mentioned above must be generated using the screening tool. Use the "<i>Print Map</i>" feature available in the Screening tool to create a map as required. 	YES <input checked="" type="checkbox"/>	Attached as APPENDIX 7E
<ul style="list-style-type: none"> Attach a pre-negotiated route with the landowner(s) as per Reg 5 of GNR 145. (See <i>template attached to this Application form</i>) 	YES <input type="checkbox"/>	Attached as APPENDIX 7F

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

5c. GAS TRANSMISSION PIPELINE INFRASTRUCTURE:

Does the project form part of a Gas Transmission Pipeline Infrastructure as per GN 143?	YES* <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If "YES"		
<ul style="list-style-type: none"> Confirm Strategic Gas Pipeline Corridor (SGPC) as per GNR 143 	N/A	
<ul style="list-style-type: none"> A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the SGPC mentioned above. Use the "Print Map" feature available in the Screening tool to create a map as required. 	YES <input type="checkbox"/>	Attached as APPENDIX 7G
<ul style="list-style-type: none"> Attach a pre-negotiated route with the landowner(s) as per Reg 3 of GNR 411. (See <i>template attached to this Application form</i>) 	YES <input type="checkbox"/>	Attached as APPENDIX 7H

5d. STRATEGIC INFRASTRUCTURE PROJECTS:

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES* <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
<p>If "YES*" attach the confirmation of SIP obtained from the relevant sector representative (SIP Coordinators) and not a motivation from an EAP as APPENDIX 8B.</p> <p>For a SIP project, kindly indicate which SIPs are applicable in APPENDIX 8A and attach the confirmation of SIP applications from the relevant sector representative in APPENDIX 8B. Should no proof be provided, the application will be considered as a normal EIA Application with associated timeframes.</p>		
		Attached as APPENDIX 8A and APPENDIX 8B

6. NATIONAL SECTOR CLASSIFICATION

Table 6.1. Please indicate which sector the project falls under by selecting the relevant block in the table below:

No.	Sector Classification		No.	Sector Classification	
1	Infrastructure /Transport Services/Roads – Public	<input type="checkbox"/>	42	Services/Waste Management Services/Disposal facilities - General	<input type="checkbox"/>
2	Infrastructure /Transport Services/Roads – Private	<input type="checkbox"/>	43	Services/Waste Management Services/Treatment facilities - Hazardous	<input type="checkbox"/>
3	Infrastructure /Transport Services/Rail – Public	<input type="checkbox"/>	44	Services/Waste Management Services/Treatment facilities - General	<input type="checkbox"/>
4	Infrastructure /Transport Services/Rail – Private	<input type="checkbox"/>	45	Services/Waste Management Services/Storage Facilities - General	<input type="checkbox"/>
5	Infrastructure /Transport Services/ Airport/Runways/Landing Strip/Helipad - Commercial	<input type="checkbox"/>	46	Services/Waste Management Services/ Storage Facilities - Hazardous	<input type="checkbox"/>
6	Infrastructure /Transport Services/ Airport/Runways/Landing Strip/Helipad - Private	<input type="checkbox"/>	47	Services/Waste Management Services/Storage Facilities - Nuclear	<input type="checkbox"/>
7	Infrastructure /Transport Services/ Airport/Runways/ Landing Strip/Helipad - Public Services	<input type="checkbox"/>	48	Services/Burial and cemeteries - Cemeteries	<input type="checkbox"/>
8	Infrastructure /Transport Services - Ports	<input type="checkbox"/>	49	Services/Burial and cemeteries - Cremators	<input type="checkbox"/>

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

No.	Sector Classification		No.	Sector Classification	
9	Infrastructure /Transport Services - Inland Waterways	<input type="checkbox"/>	50	Services/Water services/Storage - Dams	<input type="checkbox"/>
10	Infrastructure /Transport Services - Marina	<input type="checkbox"/>	51	Services/Water services/Storage - Reservoirs	<input type="checkbox"/>
11	Infrastructure /Transport Services - Canal	<input type="checkbox"/>	52	Services/Water services - Desalination	<input type="checkbox"/>
12	Infrastructure /Localised infrastructure - Infrastructure in the Sea/Estuary/Littoral Active Zone/ Development Setback/ 100M Inland/ or coastal public property.	<input type="checkbox"/>	53	Services/Water services - Treatment & Waste Water	<input type="checkbox"/>
13	Infrastructure /Localised infrastructure - Zip Lines & Foefie Slides	<input type="checkbox"/>	54	Services - Hospitality	<input type="checkbox"/>
14	Infrastructure /Localised infrastructure - Cableway or Funiculars	<input type="checkbox"/>	55	Mining - Prospecting rights	<input type="checkbox"/>
15	Infrastructure /Localised infrastructure – Billboards	<input type="checkbox"/>	56	Mining - Mining Permit	<input type="checkbox"/>
16	Infrastructure /Localised infrastructure/ Storage/Dangerous Goods/Hydrocarbon - Gas	<input type="checkbox"/>	57	Mining - Mining Right	<input type="checkbox"/>
17	Infrastructure /Localised infrastructure/ Storage/Dangerous Goods/ Hydrocarbon - Petroleum	<input type="checkbox"/>	58	Mining/Exploration Right - Gas or Oil Marine	<input type="checkbox"/>
18	Infrastructure /Localised infrastructure/ Storage/Dangerous good – Chemicals	<input type="checkbox"/>	59	Mining/Exploration Right - Gas or Oil Terrestrial	<input type="checkbox"/>
19	Utilities Infrastructure/Pipelines/water - Fresh/Storm Water	<input type="checkbox"/>	60	Mining/Production Right - Gas or Oil Marine	<input type="checkbox"/>
20	Utilities Infrastructure/ Pipelines/water - Waste Water	<input type="checkbox"/>	61	Mining/Production Right - Gas or Oil Terrestrial	<input type="checkbox"/>
21	Utilities Infrastructure/ Pipelines/ Dangerous Goods - Chemicals	<input type="checkbox"/>	62	Mining/Underground gasification of coal - Oil	<input type="checkbox"/>
22	Utilities Infrastructure/Pipelines/ Hydrocarbon – Petroleum	<input type="checkbox"/>	63	Mining/Beneficiation - Hydrocarbon	<input type="checkbox"/>
23	Utilities Infrastructure/Pipelines/ Hydrocarbon - Gas	<input type="checkbox"/>	64	Mining/Beneficiation - Mineral	<input type="checkbox"/>
24	Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Tower	<input type="checkbox"/>	65	Agriculture/Forestry/ Fisheries - Crop Production	<input type="checkbox"/>
25	Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Mast	<input type="checkbox"/>	66	Agriculture/Forestry/ Fisheries - Animal Production	<input type="checkbox"/>
26	Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Receivers	<input type="checkbox"/>	67	Agriculture/Forestry/ Fisheries - Afforestation	<input type="checkbox"/>
27	Utilities Infrastructure - Marine Cables	<input type="checkbox"/>	68	Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Alien	<input type="checkbox"/>
28	Utilities Infrastructure/Electricity /Generation/ Non Renewable/ Hydrocarbon – Petroleum	<input type="checkbox"/>	69	Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Indigenous	<input type="checkbox"/>
29	Utilities Infrastructure/Electricity /Generation/ Non Renewable/ Hydrocarbon – Coal	<input type="checkbox"/>	70	Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Alien	<input type="checkbox"/>
30	Utilities Infrastructure/Electricity /Generation/ Non Renewable - Nuclear	<input type="checkbox"/>	71	Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Indigenous	<input type="checkbox"/>
31	Utilities Infrastructure/Electricity /Generation/ Renewable - Hydro	<input type="checkbox"/>	72	Agriculture/Forestry/ Fisheries - Agro-Processing	<input type="checkbox"/>

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

No.	Sector Classification		No.	Sector Classification	
32	Utilities Infrastructure/Electricity /Generation/Renewable/Solar - PV	<input type="checkbox"/>	73	Transformation of land - Indigenous vegetation	<input type="checkbox"/>
33	Utilities Infrastructure/Electricity /Generation/Renewable/Solar - CSP	<input type="checkbox"/>	74	Transformation of land - From open space or Conservation	<input type="checkbox"/>
34	Utilities Infrastructure/Electricity /Generation/Renewable - Wind	<input type="checkbox"/>	75	Transformation of land - From agriculture or afforestation	<input type="checkbox"/>
35	Utilities Infrastructure/Electricity /Generation/Renewable - Biomass/ biofuels	<input type="checkbox"/>	76	Transformation of land - From mining or heavy industrial areas	<input type="checkbox"/>
36	Utilities Infrastructure/Electricity /Generation/Renewable - Wave	<input type="checkbox"/>	77	Any activities within or close to a watercourse	<input type="checkbox"/>
37	Utilities Infrastructure/Electricity /Distribution and Transmission - Power line	<input type="checkbox"/>	78	Any activity in an estuary, on the seashore, in the littoral active zone, or in the sea.	<input type="checkbox"/>
38	Utilities Infrastructure/Electricity /Distribution and Transmission – Substation	<input checked="" type="checkbox"/>	79	Activity requiring permit or licence in terms of National or Provincial legislation governing the release or generation of emissions - Emissions	<input type="checkbox"/>
39	Utilities Infrastructure/Gas /Distribution and Transmission – Compressor Station	<input type="checkbox"/>	80	Activity requiring permit or licence - Marine Effluent	<input type="checkbox"/>
40	Services/Waste Management Services/Disposal facilities - Hazardous	<input type="checkbox"/>	81	Activity requiring permit or licence - Fresh Water Effluent	<input type="checkbox"/>
82	Release of Genetically Modified Organisms	<input type="checkbox"/>			<input type="checkbox"/>

Table 6.2.

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 <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that form's part there of	N/A	

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

7. SITE DESCRIPTION

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

Province/s	Eastern Cape Province
District Municipality/ies	Chris Hani District Municipality
Local Municipality/ies	Enoch Mgijima Local Municipality
Ward number/s	20
Nearest town/s	Komani (Formerly Queenstown)
Farm name/s and number/s	Carthcart's Gift (Farm 311)
Portion number/s	Portion 3

Surveyor General 21 digit code:

(If there are more than 4, please attach a list with the rest of the codes as [APPENDIX 9](#). 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 9](#).)

C	0	6	2	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	3
1	2	3	4	5																	

Coordinates of Property/ies boundary (corner points or start, middle, end)

Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

FEATURE	LATITUDE (S)			LONGITUDE (E)		
	DEG	MIN	SEC	DEG	MIN	SEC
Corner 1 (NW)	32°	00'	38.75" S	26°	48'	26.65" E
Corner 2 (NE)	32°	00'	37.59" S	26°	48'	28.21" E
Corner 3 (SE)	32°	00'	43.03" S	26°	48'	33.74" E
Corner 4 (SW)	32°	00'	45.12" S	26°	48'	30.49" E

N.B. This template/table must be used to provide additional coordinates for relevant infrastructure which must be included in [APPENDIX 9](#).

Locality map and Project Plan:

Locality map:	<p>A locality map must be attached to the application form, as APPENDIX 10. 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 be legible and of high resolution. 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; • scale indicator; • a legend (which explains all symbols used on the map); • 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
---------------	--

DDFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

	<ul style="list-style-type: none"> 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, minutes and seconds. The seconds should be to at least two decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection).
Project Plan (e.g. Gantt chart)	<p>A project schedule must be submitted as APPENDIX 11, and must include relevant milestones for:</p> <ul style="list-style-type: none"> public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments); the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process; the submission of the key documents (e.g. Basic Assessment Report, Scoping Reports, EIA Reports and Environmental Management Programmes). <p>Note: All the above dates must take into account the statutory timeframes for authority responses that are stipulated in the 2014 NEMA EIA Regulations, as amended. Possible appeals may impact on project timeframes/milestones. Regulation 45 states that “An application in terms of these Regulations lapses, and a competent authority will deem the application as having lapsed, if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless extension has been granted in terms of regulation 3(7).” It is recommended that the Competent Authority be approached for guidance on the process to be followed, prior to submitting an application.</p>

8. ACTIVITIES APPLIED FOR

For an application for environmental 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. Ensure to include thresholds/area/footprint applicable.
12 (i) (ii)	<p>The development of—</p> <p>(i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or</p> <p>(ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs—</p> <p>(a) within a watercourse; (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; — excluding—</p> <p>(aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour;</p> <p>(bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies;</p> <p>(cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;</p> <p>(dd) where such development occurs within an urban area;</p> <p>(ee) where such development occurs within existing roads, road reserves or railway line reserves; or</p>	<p>The applicant wishes to construct an oil holding dam with a capacity of 120 cubic metres and an approximate surface area of 188 sq metres. The proposed development area for the oil holding dam is towards the north east direction of the property boundary, within 32m of a wetland.</p> <p>The proposed expansion area of the substation extends into the regulated area of a watercourse and will exceed 100 sq metres.</p>

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

	(ff) the development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of the development and where indigenous vegetation will not be cleared.	
14	The development and related operation 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 80 cubic metres or more but not exceeding 500 cubic metres.	The applicant intends to construct an oil holding dam with a capacity of 120 cubic metres.
19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse;but excluding where such infilling, depositing, dredging, excavation, removal or moving— (a) will occur behind a development setback; (b) is for maintenance purposes undertaken in accordance with a maintenance management plan; (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies; (d) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or (e) where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies.	Approximate earthworks for the proposed development 12000 cubic metres, mostly within a wetland area and the regulated area of a wetland.
27	The clearance of an area of 1 hectares or more, 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; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan.	The proposed development will require clearance of grassland vegetation. The proposed site area is approximately 15 600 square metres (1.56 ha).
47	The expansion of facilities or infrastructure for the transmission and distribution of electricity where the expanded capacity will exceed 275 kilovolts and the development footprint will increase.	A 400kV transformer will be added, the substation will be expanded by seven 132kv Bays and one 400kV bay, thereby increasing the footprint.
48 (i) (a) and (c)	The expansion of— (i) infrastructure or structures where the physical footprint is expanded by 100 square metres or more; where such expansion occurs— (a) within a watercourse; (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; excluding— (aa) the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such expansion activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies;	The applicant wishes to expand the existing Delphi substation by approximately 15500 sq metres. The southern section of the proposed development will require the infilling of the artificial wetland and the construction of an oil holding dam.

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

	(cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 23 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such expansion occurs within an urban area; or (ee) where such expansion occurs within existing roads, road reserves or railway line reserves.	
Activity No(s):	Provide the relevant Scoping and EIA 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. Ensure to include thresholds/area/footprint applicable.
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. Ensure to include thresholds/area/footprint applicable.
12 (a) (ii)	The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. a. Eastern Cape ii. Within critical biodiversity areas identified in bioregional plans;	The development is located within a CBA 2 area and will require the clearance of grassland vegetation. The proposed site area is approximate 15 600 square metres (1.56 ha).
14 (i) (ii) (a) and (c) (a.) (i) (ff)	The development of— (i) dams or weirs, where the dam or weir, including infrastructure and water surface area exceeds 10 square metres; or (ii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs— (a) within a watercourse; (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse; excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour. a. Eastern Cape i. Outside urban areas: (ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;	The applicant wishes to construct an oil holding dam with a capacity of 120 cubic metres and an approximate surface area of 188 sq metres. The proposed development area for the oil holding dam is towards the north east direction of the property boundary, within 32m of a wetland. The proposed expansion area of the substation extends into the regulated area of a watercourse and will exceed 10 sq metres.
23 (ii) (a) & (c)	The expansion of— (ii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more; where such expansion occurs— (a) within a watercourse; (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;	Expansion is over 10sqm within a CBA area. The substation will be expanded by approximately 15600 sq metres within 32m of a wetland and within a wetland area.

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

	excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.	
--	--	--

Please note that any authorisation that may result from this application will only cover listed or specified activities specifically applied for. Only those activities listed above shall be considered for authorisation. 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. **If a specific listed or specified activity is not included in an Environmental Authorisation, a new application for Environmental Authorisation will have to be submitted.**

Coordinate points indicating the location of each listed activity (where applicable) must be provided as part of [APPENDIX 9](#). Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

9. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of the EIA Regulations, 2014 as amended.

The Public Participation Process (PPP) commenced with an initial call to register where pre-identified Interested and Affected Parties (I&AP's) were notified of the project via registered letters, emails and facsimiles. Four (4) Site notices, in English and isiXhosa, were placed at the site entrance and areas around the proposed application area and/or surrounding communities. Placement of A3 posters/notices in public spaces was carried out on site. Two (2) newspaper adverts in English and isiXhosa were placed in the Daily Dispatch notifying I&APs of the proposed project. A4 Site notices were distributed on site to adjacent landowners and I&APs. All call to register documentation and notices included contact details where I&APs can submit their comments and/or concerns on the proposed project. The public participation process has been, and will continue to be, undertaken in accordance with the NEMA process and the 2014 Regulations. A period of 30 days will be provided to I&AP's to comment on the BAR/EMPr during that phase of the application process. Once a decision has been taken by the Competent Authority, the DFFE, all registered I&APs will be notified of the decision and will be provided with an opportunity to appeal the decision in accordance with the NEMA Appeals Regulations..

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

10. OTHER AUTHORISATIONS REQUIRED

Are there any other applications for Environmental Authorisation on the same property?		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If YES, please indicate the following:			
Competent Authority	N/A		
Application Reference Number	N/A		
Project Name	N/A		
Please provide details of the steps taken to ascertain this information: The applicant has confirmed that they have not lodged any EA applications on the property, nor have they been consulted in respect to an application lodged on their property.			
Explain whether the above approval(s) will be in conflict with the proposed development. N/A			

11. OTHER LEGISLATION/APPROVAL

Applications in terms of the National Environmental Management Act (“NEMA”) & specific environmental management Acts (“SEMA’s”):

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
Is Section 50(5) of the National Environmental Management: Protected Areas Act applicable to your proposed development? (The proposed development is within a proclaimed protected area as defined the Act.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
National Water Act (Act No. 36 of 1998)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
National Environmental Management: Air Quality Act (Act No. 39 of 2004)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
National Environmental Management: Biodiversity Act (Act No. 10 of 2004)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
National Environmental Management: Protected Areas Act (Act No. 57 of 2003)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
National Environmental Management: Waste Act (Act No. 59 of 2008)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Others: Please specify Not Applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please be advised that:

- If a Waste Management license is required in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**. **An IPS application can only be lodged with this Department in the event that this Department is the Competent Authority for both the EIA and Waste related activities;**
- If Sections 7B and 7C of the National Environmental Management: Integrated Coastal Management Act is applicable to your proposed development, you are required to obtain pre-approval for a reclamation application prior to an Application for Environmental Authorisation being lodged with the Competent Authority;
- If Section 50(5) of the National Environmental Management: Protected Areas Act is applicable to your proposed development, you are required to obtain approval from the Management Authority **prior** to an Application for

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

Environmental Authorisation being lodged with the Competent Authority. This approval must be attached as [APPENDIX 12](#); and

- If Section 38 of the National Heritage Resources Act (Act No. 25 of 1999) is applicable to your proposed development, you are requested to submit the Notice of Intent form to the relevant SAHRA or a Provincial Heritage Resources Authority and attach a copy to this form as [APPENDIX 13](#). If it is indicated that a Heritage Impact Assessment will be required, the Heritage Impact Assessment must be undertaken as one of the specialist studies of the EIA process to be undertaken in terms of the NEMA EIA Regulations, 2014, as amended.

12. LIST OF APPENDICES

		SUBMITTED	
		YES	NO
APPENDIX 1	Copy of the pre-application meeting minutes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 2	Proof of Payment / Motivation for exclusion	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 3	List of landowners (with contact details) and written consent of landowners. <i>If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 4	Declaration of Applicant	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 5	List of Local/Provincial Authority involved (with contact details)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 6A	Proof of appointment of EAP before 8 August 2022	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 6B	Valid EAPASA Registration Certificate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 6C	Declaration of EAP and undertaking under oath or affirmation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 7A	Renewable Energy Development Zone Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 7B	EGI in Strategic Transmission Corridor Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 7C	Pre-Negotiated Route Agreement for EGI	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 7D	Motivation pertaining to the Standard as per GNR 2313	<input type="checkbox"/>	<input type="checkbox"/>
APPENDIX 7E	EGI in Renewable Energy Development Zone Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 7F	Pre-Negotiated Route Agreement for EGI in REDZ	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 7G	Gas Transmission Pipeline Infrastructure Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 7H	Pre-Negotiated Route Agreement for Gas Transmission Pipeline	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 8A	List of Strategic Infrastructure Projects	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 8B	SIP Confirmation Letter from SIP Coordinator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 9	List of SGIDs and coordinates	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 10	Locality map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 11	Project schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 12	Section 50(5) of NEM:PAA approval	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 13	Notice of Intent in terms of NHRA 25 of 1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 14	Screening Tool Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 15	Other Site Sensitivity Verification Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>

APPENDIX 1
COPY OF THE PRE-APPLICATION MEETING MINUTES

Qaphela Magaqa

From: Jay-Jay Mpelane <JMPELANE@dffe.gov.za>
Sent: Tuesday, 25 June 2024 09:51
To: Brian Whitfield; Qaphela Magaqa
Cc: Lerato Mokoena; Wayne Hector
Subject: RE: 2024-06-0014

Dear Qaphela.

This serves to acknowledge the receipt of the pre-app meeting request application form. Your Agenda for the meeting include the discussion of the project overview and description, pre-identified Triggered Activities, and etc. This Department strongly believe that this is the responsibility of the EAP to clearly describe the project and further Identified required listed activities for the project on behalf of Eskom as Applicant. Consequently, the pre-app meeting is not required.

You may go ahead to lodge the application of behalf of Eskom.

Regards,
Jay,
012 399 9404.

From: EIA Applications <EIAApplications@dffe.gov.za>
Sent: Thursday, June 20, 2024 2:03 PM
To: Jay-Jay Mpelane <JMPELANE@dffe.gov.za>
Cc: Lerato Mokoena <LMOKOENA@dffe.gov.za>; Wayne Hector <WHECTOR@dffe.gov.za>; Qaphela@eims.co.za
Subject: 2024-06-0014

Dear Jay-Jay.

Please note that you have been allocated an application:

Type of Application: Pre-Application Meeting Request;
Reference Number: 2024-06-0014;
Date Received: 18/06/2024;
Action Required: Decide on meeting request.

Kindly let Ephron know which date the meeting is to be held, if it will be set

EIA Applications

Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment

Please note that this email is for the receipt and processing of online applications only, and is not monitored for responses. All queries must be directed to EIAAdmin@dffe.gov.za.

You are advised that this mailbox has a 48 hour response time.

Please note that this mailbox has a 5mb mail limit. No zip files are to be attached in any email.

From: Qaphela Magaqa <Qaphela@eims.co.za>
Sent: Tuesday, June 18, 2024 4:05 PM
To: EIA Applications <EIAApplications@dfpe.gov.za>
Cc: Brian Whitfield <brian@eims.co.za>; Mamokete Mafume <MafumoML@eskom.co.za>
Subject: Request for a Pre-Application Meeting for the Eskom Delphi 400/132kV Substation Expansion

Good day,

Kindly find attached herewith a filled pre-application meeting request form for the proposed Eskom Delphi 400/132kV Substation Expansion project, near Komani in the Enoch Mgijima Local Municipality, Eastern Cape.

Kind regards,

QAPHELA MAGAQA



ENVIRONMENTAL
IMPACT
MANAGEMENT
SERVICES

T +27 11 789 7170
M +27 78 580 6692
F +27 86 571 9047
E qaphela@eims.co.za
W www.eims.co.za

8 Dalmeny Road, Pine Park,
Randburg, 2194

PO Box 2083, Pinegowrie, 2123,
ZA

This e-mail and any attachment(s) thereto is intended solely for the confidential use of the intended recipient(s) and for the specific purpose(s) that it was intended. Unauthorised review, dissemination, distribution or copying of that e-mail is strictly prohibited. If you suspect that you may have received the mail in error, please desist from reading it, notify the sender immediately of the error, and return and/or destroy the original message.

APPENDIX 2
PROOF OF PAYMENT / MOTIVATION FOR EXCLUSION

19 July, 2024

For Attention: Chief Director: Integrated environmental Authorisations
Department of Forestry, Fisheries and the Environment
Private Bag X447, Pretoria, 0001

**NTCSA Delphi 400/132kV Substation Expansion, near Komani in the Enoch Mgijima Local Municipality, Eastern Cape
– Application for Environmental Authorisation**

According to Section 239 of the Constitution of the Republic of South Africa, Organ of State is defined as follows:

- (a) any department of state or administration in the national, provincial or local sphere of government; or
- (b) any other functionary or institution—
 - (i) exercising a power or performing a function in terms of the Constitution or a provincial constitution; or
 - (ii) exercising a public power or performing a public function in terms of any legislation, but does not include a court or a judicial officer;

Based on the above definition, National Transmission Company of South Africa SOL Ltd is an Organ of State and is therefore exempted in terms of Regulation 2 (b) of GN 141 in Government Gazette 37383 - Regulation Fees for Consideration and Processing of Applications for Environmental Authorisations and Amendments thereto from paying an application fee.

Yours Sincerely,

Mr Qaphela Magaqa

Email: delphi@eims.co.za

Cell: 078 580 6692

Tel.:011 789 7170

APPENDIX 3 LIST OF LANDOWNERS

(with contact details) and written consent of landowners. If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.

- If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.
- See attached template for landowner consent.
- In addition, the below list of landowners must be completed.

Listed Activity	Project description	Farm Portions	Farm Owner	Landowner consent provided Y/N	Include document name
<i>All activities applied for</i>	<i>Eskom 400/132 kV Delphi Substation Expansion</i>	<i>Portion 3 of Farm Carthcart's Gift</i>	<i>Eskom</i>	<i>N/A – Applicant is the landowner, no consent is required</i>	<i>Appendix 3 – Landowner Windeed</i>

*If more than 1 activity applies to the same farm portion/property and same landowner, One (1) landowner consent form may be submitted, which clearly outlines all the relevant activities specific to said property and landowner.



Any personal information obtained from this search will only be used as per the Terms and Conditions agreed to and in accordance with applicable data protection laws including the Protection of Personal Information Act, 2013 (POPI), and shall not be used for marketing purposes.

SEARCH CRITERIA

Search Date	2024/06/03 14:11	LPI Code	C0620000000031100003
Reference	1627	Search Source	WinDeed Database
Report Print Date	2024/06/03 14:11		

PROPERTY INFORMATION

Property Type	FARM	Diagram Deed Number	T30632/1991
Farm Name	CATHCART'S GIFT	Local Authority	STORMBERG DC
Farm Number	311	Province	EASTERN CAPE
Registration Division	QUEENSTOWN RD	Extent	24,9973HA
Portion Number	3	LPI Code	C0620000000031100003
Previous Description	-		

OWNER INFORMATION (1)

ESKOM HOLDINGS LTD		Owner 1 of 1	
Company Type	COMPANY	Document	T30632/1991CTN
Registration Number	200201552706	Microfilm / Scanned Date	2001 0478 1140
Name	ESKOM HOLDINGS LTD	Purchase Price (R)	130 000
Multiple Owners	NO	Purchase Date	1988/06/28
Multiple Properties	NO	Registration Date	1991/05/24
Share (%)	-		

ENDORSEMENTS (2)

#	Document	Institution	Amount (R)	Microfilm / Scanned Date
1	CONVERTED FROM CTN	-	-	-
2	K540/2001SCTN	-	-	-

HISTORIC DOCUMENTS (2)

#	Document	Institution	Amount (R)	Microfilm / Scanned Date
1	T26250/1981CTN	HAYES DAVID MACLEAN	-	-
2	T30632/1991CTN	ESKOM	130 000	2001 0478 1140

DISCLAIMER

This report contains information provided to LNRM by content providers and LNRM cannot control the accuracy of the data nor the timely accessibility. LNRM will not be held liable for any claims based on reliance of the search information provided. This report is subject to the terms and conditions of LexisNexis Risk Management Agreement. LexisNexis Risk Management (Pty) Ltd is a registered credit bureau (NCRCB26).

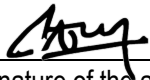
DISCLAIMER

This report contains information provided to LNRM by content providers and LNRM cannot control the accuracy of the data nor the timely accessibility. LNRM will not be held liable for any claims based on reliance of the search information provided. This report is subject to the terms and conditions of LexisNexis Risk Management Agreement. LexisNexis Risk Management (Pty) Ltd is a registered credit bureau (NCRCB26).

APPENDIX 4 DECLARATION OF APPLICANT

I, Itumeleng Moeng declare that –

- a) I am, or represent¹, the applicant in this application;
- b) I have appointed a valid, EAPASA registered Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP²;
- c) I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent, affiliated with the relevant professional body e.g. EAPASA/SACNASP etc 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;
- d) I will provide the EAP and the Competent Authority with access to all information at my disposal that is relevant to the application;
- e) I will be responsible for the costs incurred in complying with the EIA 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;
- f) 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;
- g) I am responsible for complying with the conditions of any environmental authorisation issued by the Competent Authority;
- h) 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) 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 EIA Regulations;
- j) I will perform all obligations as expected from an applicant in terms of the EIA Regulations;
- k) All the particulars furnished by me in this form are true and correct;
- l) 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 NEMA Act; and
- m) I am aware that in terms of Section 24F of the National Environmental Management Act, as amended (Act No. 107 of 1998) that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.



Signature of the applicant/ Signature on behalf of the applicant

National Transmission Company of South Africa SOC Limited

Name of company (if applicable)

30 Jul 2024

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.

APPENDIX 5
LIST OF LOCAL/PROVINCIAL AUTHORITY INVOLVED
(WITH CONTACT DETAILS)

(*It is understood that the Enoch Mgijima Local Municipality has no appointed Environmental Officer an the review of Environmental Applications is currently being undertaken by the Chris Hani District Municipality.)

Provincial/Local authority:	Eastern Cape Department of Economic Development, Environmental Affairs and Tourism
Contact person:	Mrs N. Mdekazi-Nkqubezelo
Postal/Physical address:	Block E Bathandwa Ndondo Office Park Komani 5380
Telephone/Cell:	083 387 9274
E-mail:	Nondwe.mdekazi@dedea.gov.za

Provincial/Local authority:	Chris Hani District Municipality
Contact person:	Pamela Mabentsela
Postal/Physical address:	56 Tylden Str,\ Komani 5380
Telephone/Cell:	045 807 9040
E-mail:	pmabentsela@chrishanidm.gov.za

Provincial/Local authority:	Enoch Mgijima Local Municipality*
Contact person:	Ayakha Mtyengenyane
Postal/Physical address:	70 Cathcart Road, Town Hall, Komani, 5320
Telephone/Cell:	0458072606
E-mail:	mm@enochmgijima.gov.za

APPENDIX 6A
PROOF OF APPOINTMENT OF EAP BEFORE 8 AUGUST 2022

Not Applicable

APPENDIX 6B
VALID EAPASA REGISTRATION CERTIFICATE

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2022/4496

Herewith certifies that

Brian Peter Whitfield

is registered as an

Environmental Assessment Practitioner

***Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as
amended).***

Effective: 01 March 2024

Expires: 28 February 2025

Chairperson

Registrar



EAPASA

Unit 19 Oxford Office Park
3 Bauhinia Street
Highveld Techno Park
Centurion
0157
Tel. (+27) 12 880 2154

Environmental Assessment Practitioners Association of South Africa

Advancing environmental assessment practice in South Africa



Email: registrar@eapasa.org / Website: www.eapasa.org

Mr Qaphela Magaqa
8 Dalmeny Road
Pine Park, Randburg
Johannesburg
2194

Sent by email to: qaphela@eims.co.za

Dear Mr Magaqa

**Candidate Environmental Assessment Practitioner: Number 2022/6016
Qaphela Magaqa : South African ID 9807165359083**

The Environmental Assessment Practitioners Association of South Africa (EAPASA) herewith certifies that Qaphela Magaqa is a Candidate Environmental Assessment Practitioner (EAP) in accordance with the prescribed criteria of Regulation 15.(2) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).

Your registration is duly authorised by EAPASA as the single Registration Authority for EAPs in South Africa (appointed as per Regulation No. 104, Gazette No. 41434 of 8 February 2018, in terms of section 24H(3)(a) of the NEMA). Your status as a Candidate EAP is displayed in the 'EAP Register' - please find your name and contact email address at

<https://registration.eapasa.org/registered-practitioners>

As part of your Continuing Professional Development, you are encouraged to be part of the EAPASA Mentorship Programme. Your review during the upgrade to Registered EAP will be contingent on you having met the requirements of EAPASA's Mentorship Programme.

As a Candidate EAP you are required to uphold the EAPASA Code of Ethical Conduct and Practice in your professional endeavours, towards the goal of quality assurance in environmental assessment practice.

Please accept my congratulations on your registration.

Best regards

Dr Patrick Sithole
Registrar

Date: 31 December 2022

*Board Members: Ms Snowy Makhudu (Chairperson), Dr Khangwelo Desmond Musetsho (Vice-Chairperson),
Mr Zama Dlamini, Ms Jacqui Hex, Ms Minnette Le Roux, Ms Thato Moeeng,
Ms Jennifer Molwantwa, Mr Phumudzo Nethwadzi, Mr Danie Neumann,
Mr Khathutshelo Tshipala, Ms Lethogonolo Tungamirai
Registrar: Dr Patrick Sithole
NPO Reg. No. 122-986*

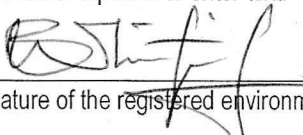
APPENDIX 6C
DECLARATION OF EAP AND UNDERTAKING UNDER OATH OR AFFIRMATION

I, Brian Peter Whitfield, declare that –

- a) I act as the independent, registered in terms of EAPASA, environmental assessment practitioner in this application;
- b) I have expertise in conducting environmental impact assessments, including knowledge of the Act, EIA Regulations and any guidelines that have relevance to the proposed activity;
- c) I will comply with the Act, EIA Regulations and all other applicable legislation;
- d) I am aware that I must be registered with Environmental Assessment Practitioners Association of South Africa (EAPASA) in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended.**
- e) I am aware that a candidate EAP may only assist the registered EAP and work under the supervision of a registered EAP (regulation 14(6) in the S24H Registration Authority Regulations, 2016, as amended) such as myself. I take full responsibility for the work conducted.
- f) 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;
- g) I will take into account, to the extent possible, the matters listed in Regulation 13 of the EIA Regulations and Regulation 14 of S24H of Section 24H Registration Authority Regulations, 2016, as amended, when preparing the application and any report relating to the application;
- h) 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) I will perform all obligations as expected from an environmental assessment practitioner in terms of the EIA Regulations and S24H of NEMA ; and
- j) 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 and EIA Regulations and Regulation 18 and 20 of S24H Registration Authority Regulations, 2016, as amended.

Disclosure of Vested Interest (delete whichever is not applicable)

- k) 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 EIA Regulations;
- ~~l) I have a vested interest in the proposed activity proceeding, such vested interest being:
Click or tap here to enter text.~~



Signature of the registered environmental assessment practitioner

Environmental Impact Management Services Pty Ltd.

Name of company:

Date

29 July 2024

UNDERTAKING UNDER OATH/ AFFIRMATION

I, Brian Peter Whitfield 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 registered Environmental Assessment Practitioner

Environmental Impact Management Services Pty Ltd
Name of Company

29 July 2024

Date



Signature of the Commissioner of Oaths

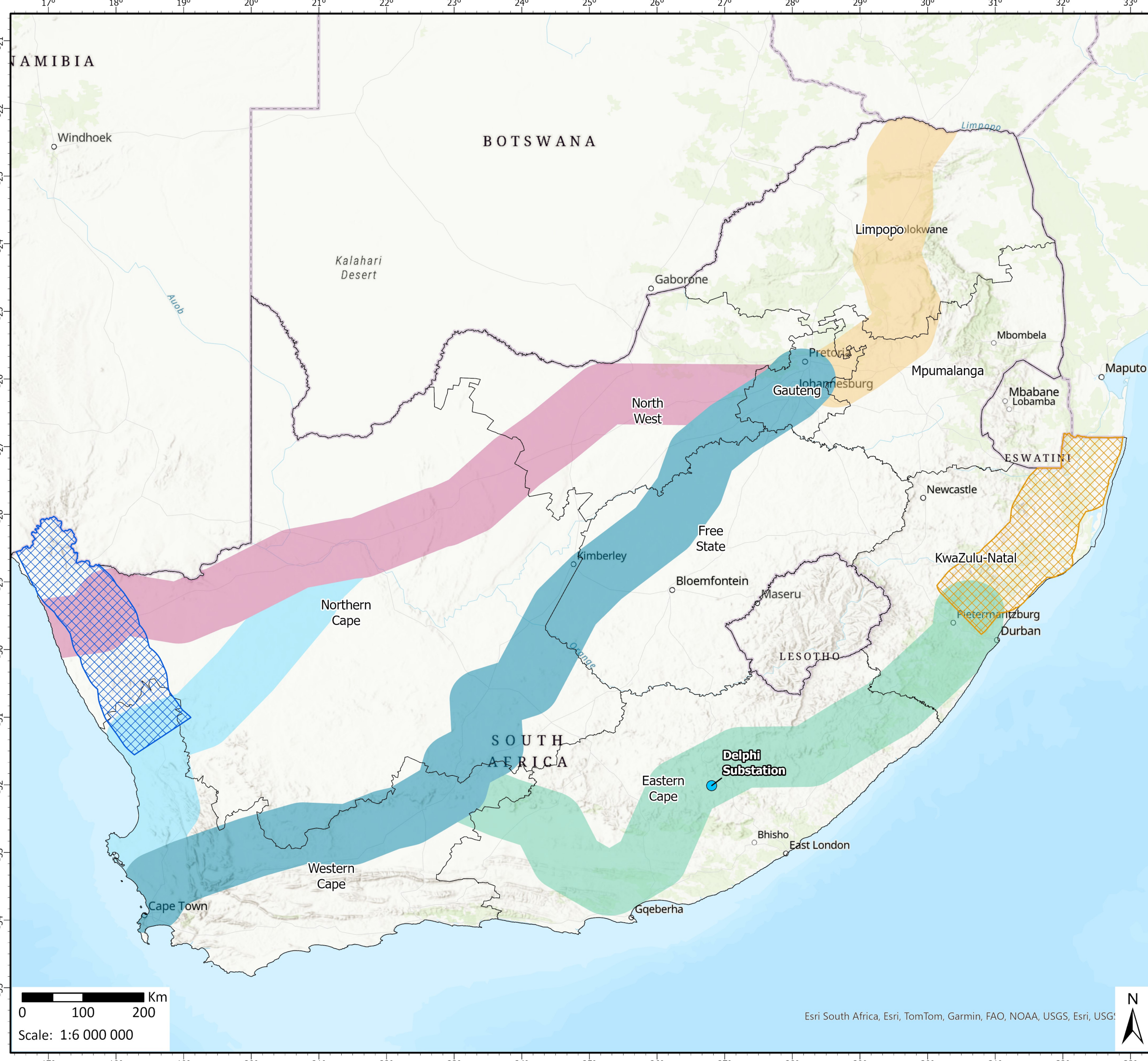
2024-07-29
Date



**APPENDIX 7A
RENEWABLE ENERGY DEVELOPMENT ZONE MAP**

Not Applicable

APPENDIX 7B
EGI IN STRATEGIC TRANSMISSION CORRIDOR MAP



EGI Corridor Map

1627 NTCSA Delphi Substation Expansion BA WUL

Legend

- Delphi Substation

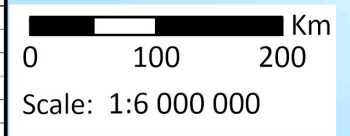
EGI Corridors

- International corridor
- Central corridor
- Northern corridor
- Eastern corridor
- Western corridor

EGI Expansion Corridors

- EGI East
- EGI West

Data Sources:
 CSG; ESRI; DFFE
 Coord System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Ref: 1627_EGI_1



Esri South Africa, Esri, TomTom, Garmin, FAO, NOAA, USGS, Esri, USG



Date: 2024/07/18
 EIMS Ref: 1627
 Compiled: JW
 Reviewed: QM
 Approved: LW



**APPENDIX 7C
PRE-NEGOTIATED ROUTE AGREEMENT FOR EGI**

Not Applicable

APPENDIX 7D
MOTIVATION PERTAINING TO THE STANDARD AS PER GNR 2313

10 July, 2024

For Attention: Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment
Private Bag X447, Pretoria, 0001

**NTCSA Delphi 400/132kV Substation Expansion, near Komani in the Enoch Mgijima Local Municipality, Eastern Cape
– Motivation Pertaining to the Standard in terms of GNR 2313**

According to Regulation 6 of the Standard in terms of GNR 2313:

“6. The Standard and the exclusions do not apply in the following instances:

6.1 Where any part of the infrastructure occurs on an area for which the environmental sensitivity for any environmental theme is identified as being very high or high by the national web based environmental screening tool and confirmed to be such through the application of the procedures set out in the Standard;”

The national web based screening tool identified Palaeontology as Very High, a site visit was undertaken by a Palaeontologist wherein, it was concluded that the Palaeontology Theme sensitivity of the site was High however, could be mitigated to a Low sensitivity (see attached). It is therefore understood that that the project is not eligible for registration under the standard.

Yours Sincerely,

Mr Qaphela Magaqa

Email: delphi@eims.co.za

Cell: 078 580 6692

Tel.:011 789 7170

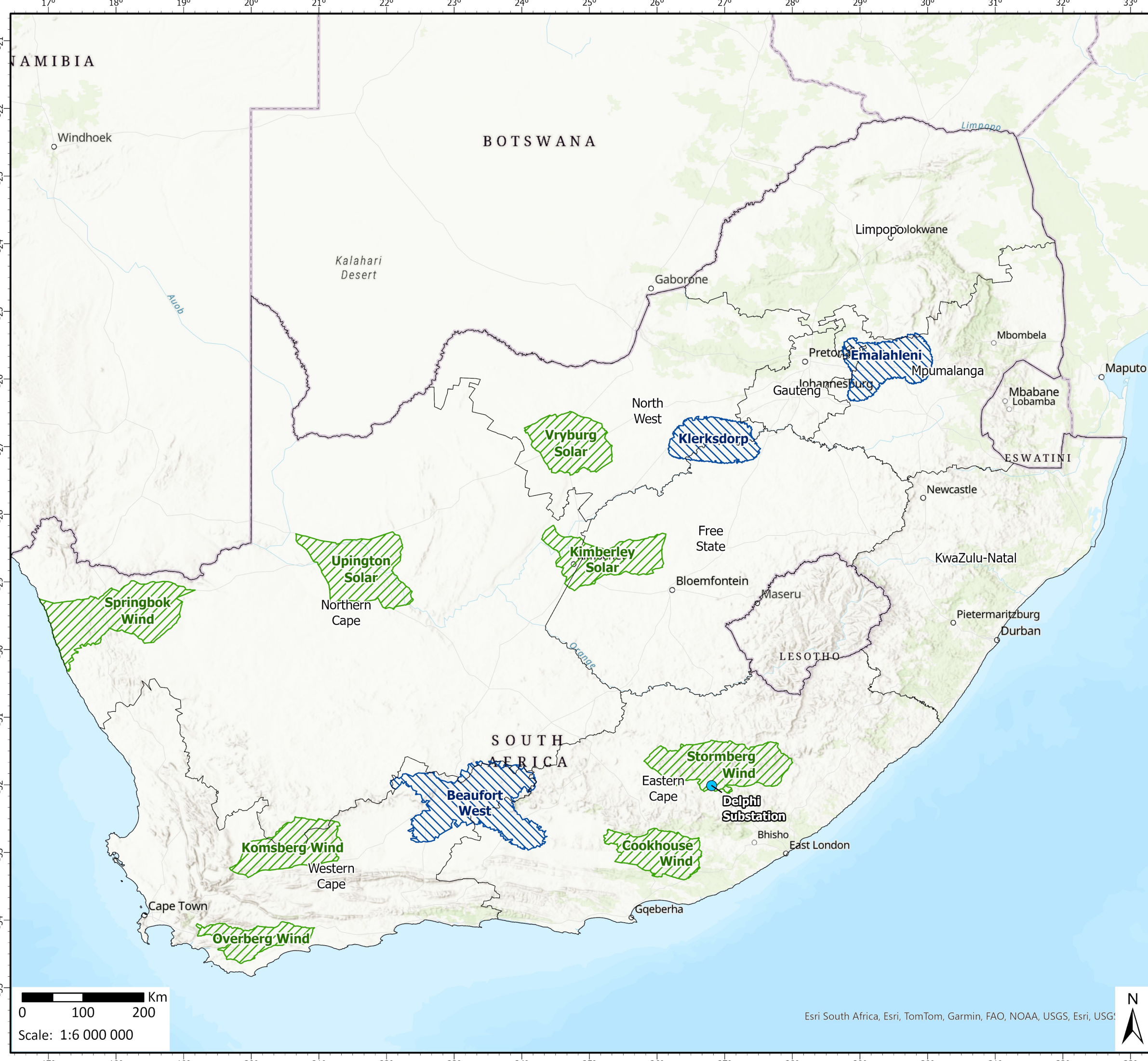


9 FINDINGS AND RECOMMENDATIONS

The proposed Delphi Substation extension is underlain by the Burgersdorp Formation (Tarkastad Subgroup, Beaufort Group, Karoo Supergroup) as well as Jurassic Dolerite. The PalaeoMap of SAHRIS shows that the project's palaeontological sensitivity is Very High (Burgersdorp Formation) and Zero (grey, Jurassic Dolerite) (Almond and Pether, 2009; Almond et al., 2013). According to updated geology (Council of Geosciences, Pretoria), the Tarkastad Subgroup sediments underlie the planned Project. The DFFE Screening tool shows that the project is underlain by sediments with a Very High Palaeontological value.

A site-specific field survey of the development footprint was conducted on foot and by motor vehicle on 24 May 2024. Several weathered plant and trace fossils were detected in the proposed development area and it is possible that better preserved specimens is located outside the development. Based on the site investigation as well as desktop research it is concluded that fossil heritage of **scientific and conservational interest in the study area is relatively rare. A High Palaeontological Significance has been allocated for the construction phase of the development pre-mitigation and a low significance post mitigation.** The construction phase will be the only development phase impacting Palaeontological Heritage and **no significant impacts are expected to impact the Operational and Decommissioning phases.** As the No-Go Alternative considers the option of 'do nothing' and maintaining the status quo, it will have a Neutral impact on the Palaeontological Heritage of the development. The **Cumulative impacts of the development is considered to be Low pre- mitigation and Very Low post mitigation and falls within the acceptable limits for the project.** It is therefore considered that the proposed development will not lead to damaging impacts on the palaeontological resources of the area. **The construction of the development may thus be permitted in its whole extent, as the development footprint is not considered sensitive in terms of palaeontological resources.** It is consequently recommended that no further palaeontological heritage studies, ground truthing and/or specialist mitigation are required pending the discovery of newly discovered fossils.

APPENDIX 7E
EGI IN RENEWABLE ENERGY DEVELOPMENT ZONE MAP



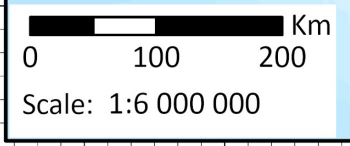
Renewable Energy Development Zones (REDZs) Map

1627 NTCSA Delphi Substation Expansion BA WUL

Legend

- Delphi Substation
- ▨ Phase 1 REDZs
- ▨ Phase 2 Proposed REDZs

Data Sources:
 CSG; ESRI; DFFE
 Coord System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Ref: 1627_REDZs_1



APPENDIX 7F
PRE-NEGOTIATED ROUTE AGREEMENT FOR EGI IN REDZ
Not Applicable

**APPENDIX 7G
GAS TRANSMISSION PIPELINE INFRASTRUCTURE MAP**

Not Applicable

**APPENDIX 7H
PRE-NEGOTIATED ROUTE AGREEMENT FOR GAS TRANSMISSION PIPELINE**

Not Applicable

**APPENDIX 8A
LIST OF STRATEGIC INFRASTRUCTURE PROJECTS**

Not Applicable

SIP NUMBER	SIP NAME

APPENDIX 8B
SIP CONFIRMATION LETTER FROM SIP COORDINATOR

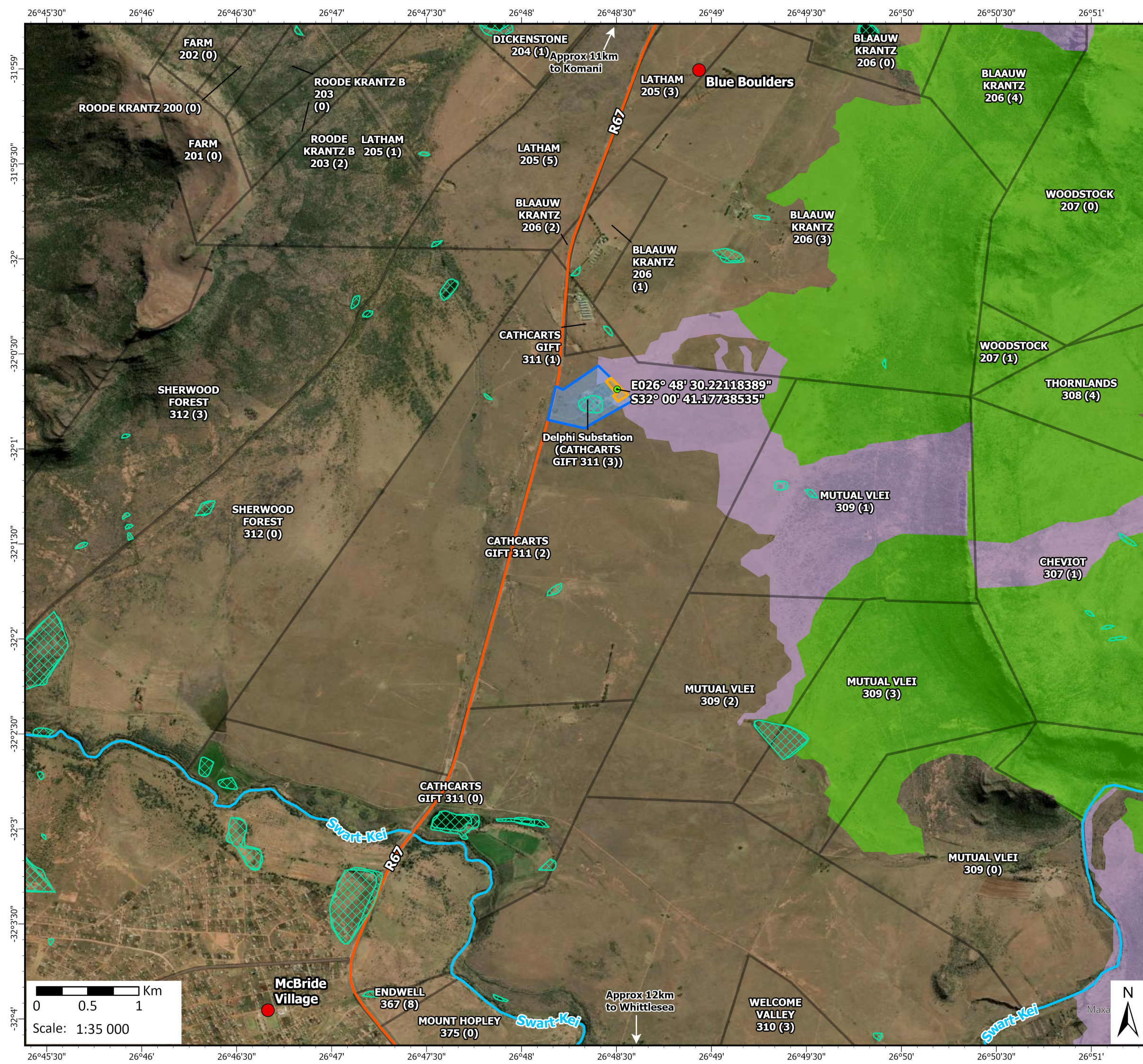
Not Applicable

**APPENDIX 9
LIST OF SGIDS AND COORDINATES**

Please include Farm name, portion number, SGID and coordinates (where applicable)

Not Applicable

**APPENDIX 10
LOCALITY MAP**



Locality Map

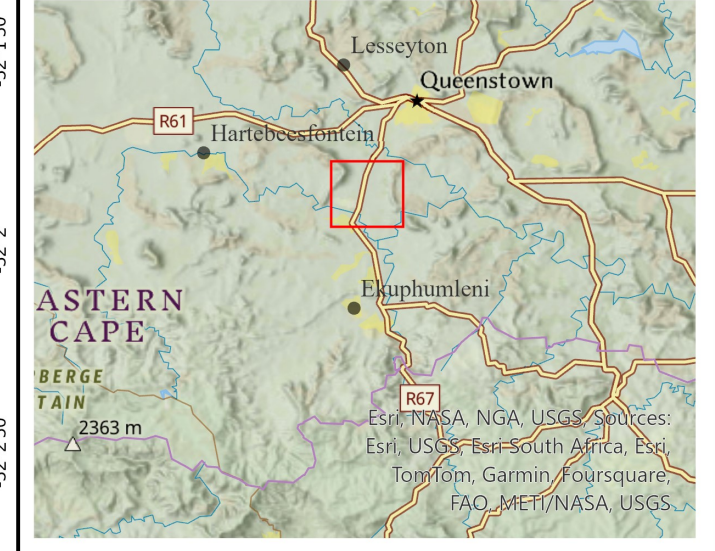
1627 NTCSA Delphi Substation Expansion BA WUL

Legend

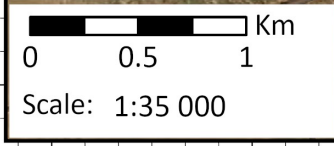
- Delphi Substation Expansion
- Affected Property Boundary
- Farm Portions
- NFEPA Wetlands
- NFEPA Rivers
- Arterial Route
- Places
- Centre Point

Critical Biodiversity Areas

- CBA 1
- CBA 2

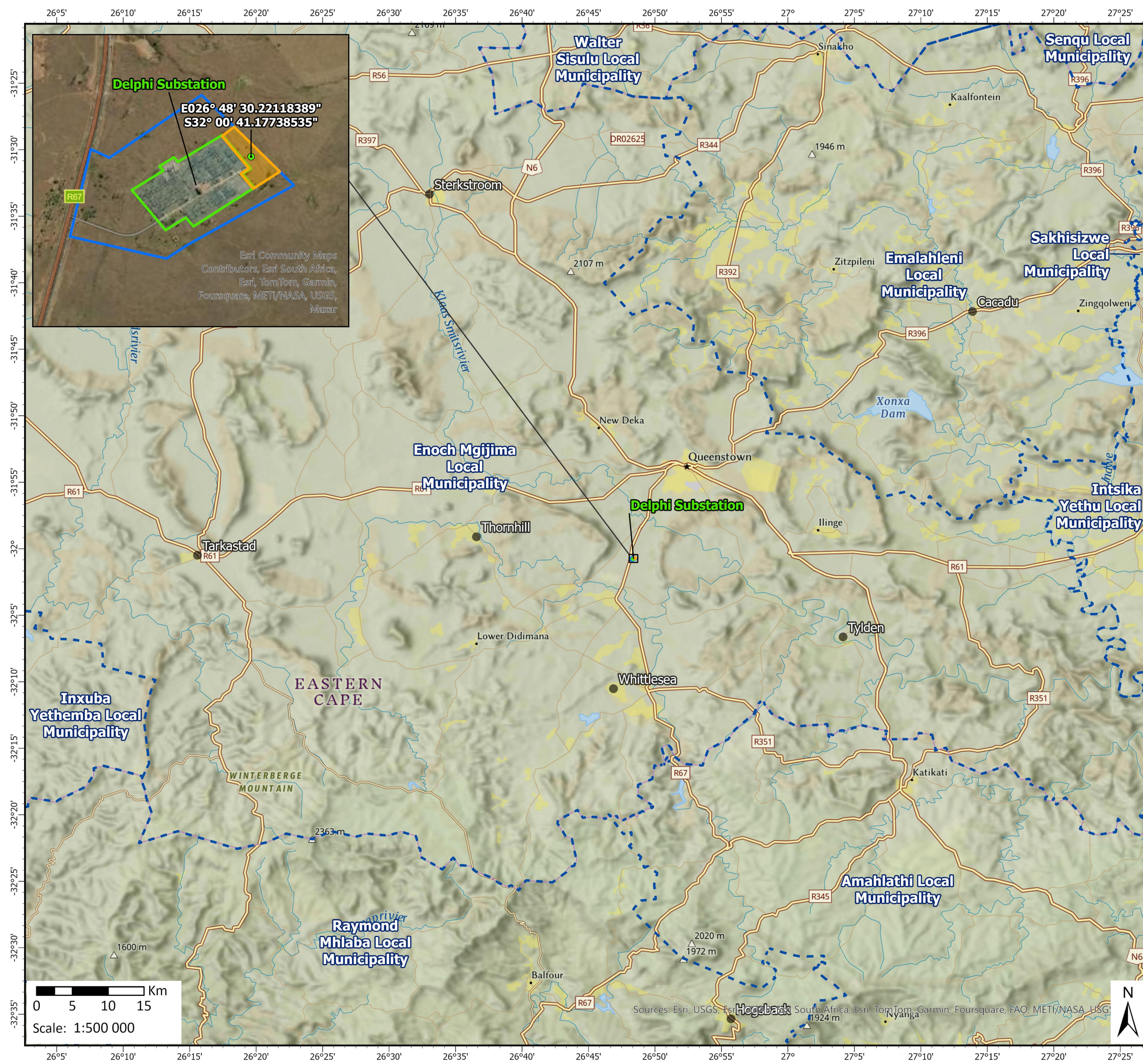


Data Sources:
 CSG; ESRI; SANBI
 Coord System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Ref: 1627_Locality_1



Date: 2024/07/16
 EIMS Ref: 1627
 Compiled: JW
 Reviewed: QM
 Approved: LW





Regional Locality Map

1627 NTCSA Delphi Substation Expansion BA WUL

Legend

- Existing Delphi Substation
- Delphi Substation Expansion
- Affected Property Boundary
- Local Municipalities
- Towns

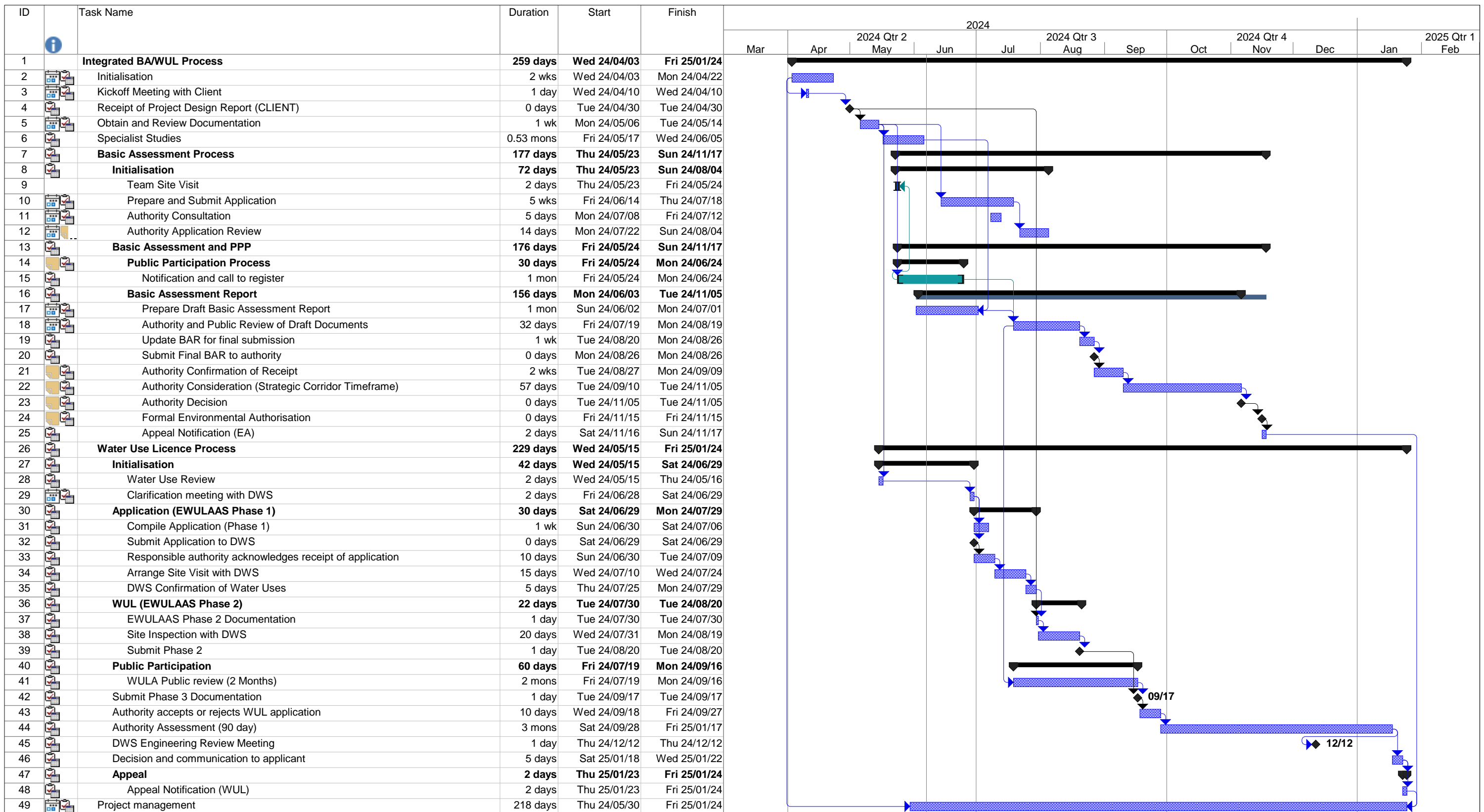


Data Sources:
 CSG; ESRI
 Coord System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Ref: 1627_Regional_Locality

Date: 2024/07/22
 EIMS Ref: 1627
 Compiled: JW
 Reviewed: QM
 Approved: LW



**APPENDIX 11
PROJECT SCHEDULE**



Project: Eskom Delphi SS BA & WUL
Date: Fri 24/06/07

Task		External Tasks		Inactive Summary		Start-only		Deadline	
Split		External Milestone		Manual Task		Finish-only			
Milestone		Inactive Task		Duration-only		External Tasks			
Summary		Inactive Milestone		Manual Summary Rollup		External Milestone			
Project Summary		Inactive Milestone		Manual Summary		Progress			

APPENDIX 12
SECTION 50(5) OF NEM:PAA APPROVAL

Not Applicable

APPENDIX 13
NOTICE OF INTENT IN TERMS OF NHRA 25 OF 1999

Alexander Msipa

From: Eskom Delphi Sub-station Basic Assessment <delphi@eims.co.za>
Sent: Wednesday, 10 July 2024 13:06
To: Lungiswa Mzazi
Cc: Ayanda Mncwabe-Mama
Subject: SAHRIS - 23033 Eskom Delphi Substation Expansion
Attachments: ECPHRA S38 Notification of Intent to Develop Form_ Submission #59 _ SAHRIS.pdf

Dear Lungiswa,

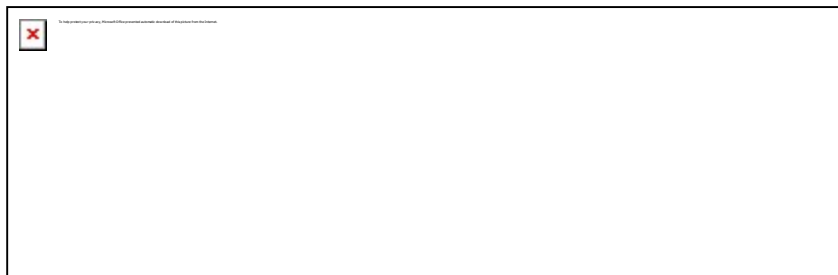
Thank you for your comment.

The NID for the proposed Eskom Delphi Substation Expansion project has been submitted to the SAHRIS case. Please find attached a copy of the submitted SAHRIS webform for your reference. The allocated SAHRIS case number is 23033.

The Paleontological Impact Assessment is currently being compiled. Once completed, it will be made available along with the Basic Assessment Report for your attention and comment and you will be notified of its availability.

Please feel free to contact EIMS if you have any comments and/or queries.

KIND REGARDS
ALEX MSIPA



T +27 11 789 7170
F +27 86 571 9047
E Alex@eims.co.za
W www.eims.co.za

8 Dalmeny Road, Pine Park,
Randburg, 2194

PO Box 2083, Pinegowrie, 2123, ZA

This e-mail and any attachment(s) thereto is intended solely for the confidential use of the intended recipient(s) and for the specific purpose(s) that it was intended. Unauthorised review, dissemination, distribution or copying of that e-mail is strictly prohibited. If you suspect that you may have received the mail in error, please desist from reading it, notify the sender immediately of the error, and return and/or destroy the original message.

From: Ayanda Mncwabe-Mama <ayanda.mncwabe-mama@ecsrac.gov.za>
Sent: Friday, June 21, 2024 12:10 AM
To: Eskom Delphi Sub-station Basic Assessment <delphi@eims.co.za>
Cc: Lungiswa Mzazi <lungiswam@ecphra.org.za>
Subject: Eskom Delphi Substation Expansion

Dear Alex

Please find attached the ECPHRA comment for the case in subject.

Best Regards,

Ayanda Mncwabe-Mama

Archaeologist: DSRAC Museums & Heritage / EC PHRA

Tel: (043) 492 1370

Address: No. 5 Eales Street | Qonce |5600

*“Once you’ve made an observation,
you have an obligation”- MK Asante Jnr*



[Back to site](#) | [ECPHRA S38 Notification of Intent to Develop Form: Submission #59](#) / [Edit Webform su...](#)



ECPHRA S38 Notification o..

View
☰

HTML

Table

The **Table** page displays a submission's general information and data using tabular layout.

[▶ Watch video](#)

Submission information

Submission Number: 59
Created: Tue, 07/09/2024 - 15:55

Terms & Conditions	Yes
Application Role	Consultant/Representative
Applicant/Owner's Name	Alexander
Organisation	Environmental Impact Management Services
Applicant/Owner's Email address	delphi@eims.co.za
Applicant/Owner's Main Telephone Number	0117897170

Applicant/Owner's Address
8 Dalmeny Road
Pinemark
Randburg, GP. 2194
South Africa

System Generated Applicant Details
Full name of user who completed this form: **Lucien Nicolas James**
ID/Passport Number:
[webform_submission:user:field_identity_number]
Company or organisation: Environmental Impact Management Services (Pty) Ltd
Email Address: lucien@eims.co.za
Contact Type: Work

Phone Number: 011 789 7170
Contact Type: Work

[webform_submission:user:field_address]

I confirm that the details provided in my profile are true and correct
Yes

Case Title
Eskom Delphi Substation Expansion Basic Assessment Project

Proposal Description

The Eskom SOC Limited wishes to expand the existing Eskom Delphi Substation to make provision to connect an additional 300 MW to the 100 MW which has already been approved up to bid Window 5 (BW5). As such, an expansion of the 400kV and 132kV bays are required. The project will involve the extension of the existing 400 kV yard by one bay, installation of a 400/132 kV 500 MVA transformer, extension of 132kV yard by seven bays, equipment of one 132kV transformer bay, relocation of the existing oil dam, and access road extension. This project forms part of an initiative to unlock grid capacity by connecting renewable energy generation by year 2027. The Eskom 2022 Transmission Development Plan (TDP) generation assumptions forecasts that 31 095 MW of PV and wind generation will be required nationally by 2030 of which 16 604 MW will be required as early as 2027. Currently there is limited or no capacity available in many of the Transmission supply areas.

The proposed project is located on Portion 3 of the farm Carthcarts Gift 311, within the Enoch Mgijima Local Municipality, Eastern Cape Province. The site is approximately 14km south west of Komani along the R67. The centre point of the site is 32° 0'41.18"S and 26°48'30.22"E. Please refer to attached project locality map

National Sector Classification (Development Type)

Substation

S38 Triggers

(i) exceeding 5 000m² in extent;

Details of Other Triggers

Application Text

Alexander
Environmental Impact Management Services
8 Dalmeny Road
Pinemark
Randburg
2194

Development Address	Portion 3, farm Carthcarts Gift 311, Enoch Mgijima Local Municipality, Eastern Cape Province.
Municipality	Enoch Mgijima
Does the NID comprise clarification on heritage requirements for a Section 38(8) development?	Yes
Has a Heritage Impact Assessment (HIA) ever been conducted on the (whole or part of the) study site?	No
Has a heritage research permit ever been issued on the study site?	No
Does the study site comprise, in whole or in part, a declared heritage resource in terms of the NHRA 1999 Section 7?	No
Does the study site comprise, in whole or in part, a previously declared National Monument?	No
kml file	Delphi Substation Extension.kml (1.52 KB)
Images	<ul style="list-style-type: none"> View uploaded file 1627_Locality_siteNotice.jpg
Additional documents	
Confidential or non-public documents (see POPI)	
Submission Fee (Proof of Payment)	View uploaded file Payment_Notification - 2024-07-10T112420.965.pdf
Reviewed by Officer?	No
Create Heritage Reports?	Yes, I will add them to the case directly after submitting this form

How many reports would you like to add? 2

APPENDIX 14
SCREENING TOOL REPORT

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS
REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED DEVELOPMENT
FOOTPRINT ENVIRONMENTAL SENSITIVITY**

EIA Reference number: N/A

Project name: Eskom Delphi Substation Expansion BA WUL

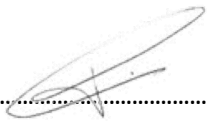
Project title: Eskom Delphi Substation Expansion BA WUL

Date screening report generated: 13/05/2024 15:56:29

Applicant: Eskom

Compiler: EIMS

Compiler signature:


.....

Application Category: Utilities Infrastructure | Electricity | Distribution and
Transmission | Substation

Table of Contents

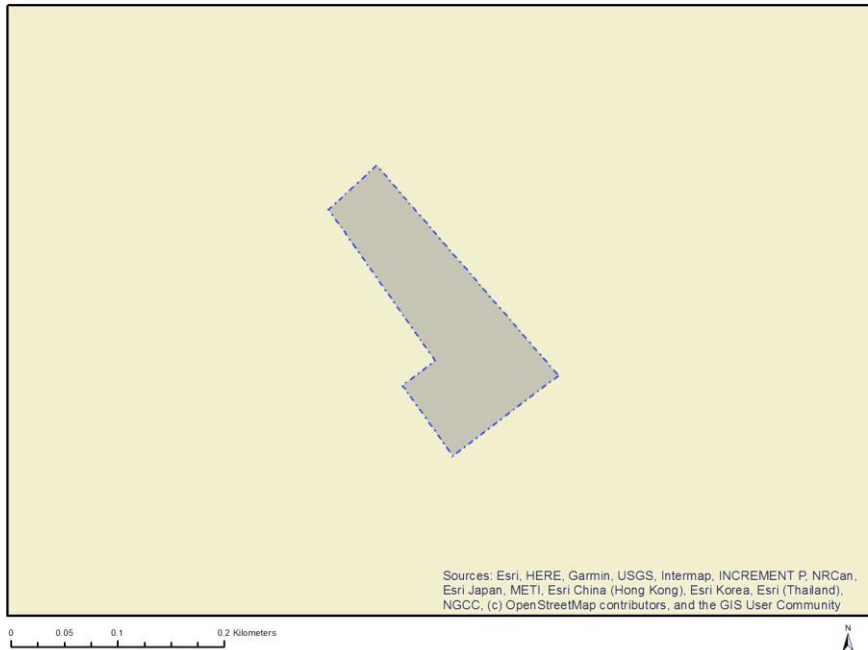
- Proposed Project Location 3
 - Orientation map 1: General location 3
- Map of proposed site and relevant area(s) 4
 - Cadastral details of the proposed site 4
 - Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area 4
 - Environmental Management Frameworks relevant to the application 5
- Environmental screening results and assessment outcomes 5
 - Relevant development incentives, restrictions, exclusions or prohibitions 5
 - Proposed Development Area Environmental Sensitivity 5
 - Specialist assessments identified 6
- Results of the environmental sensitivity of the proposed area 7
 - MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY 7
 - MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY 8
 - MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY 9
 - MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY 10
 - MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY 11
 - MAP OF RELATIVE DEFENCE THEME SENSITIVITY 12
 - MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY 13
 - MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY 14
 - MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY 15

Proposed Project Location

Orientation map 1: General location



Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1	CATHCARTS GIFT	311	0	32°1'46.47S	26°47'53.79E	Farm
2	CATHCARTS GIFT	311	3	32°0'44.52S	26°48'20.92E	Farm Portion

Development footprint¹ vertices:

Footprint	Latitude	Longitude
1	32°0'38.75S	26°48'26.71E
1	32°0'37.57S	26°48'28.17E
1	32°0'42.98S	26°48'33.7E
1	32°0'45.06S	26°48'30.48E
1	32°0'43.23S	26°48'28.96E
1	32°0'42.65S	26°48'29.95E
1	32°0'38.75S	26°48'26.71E

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No nearby wind or solar developments found.

¹ "development footprint", means the area within the site on which the development will take place and includes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development footprint as well as the most environmental sensitive features on the footprint based on the footprint sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

Utilities Infrastructure | Electricity | Distribution and Transmission | Substation.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this footprint are indicated below.

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-Eastern Corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf
Renewable energy development zones 4-Stormberg	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_REDZ.pdf
Main Electricity Transmission Substation	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Distribution_Transmission.pdf

Proposed Development Area Environmental Sensitivity

The following summary of the development footprint environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme			X	
Animal Species Theme		X		
Aquatic Biodiversity Theme				X
Archaeological and Cultural Heritage Theme				X
Civil Aviation Theme			X	
Defence Theme				X
Paleontology Theme	X			
Plant Species Theme			X	
Terrestrial Biodiversity Theme	X			

Specialist assessments identified

Based on the selected classification, and the known impacts associated with the proposed development, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the footprint situation.

No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
7	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
8	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed footprint for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

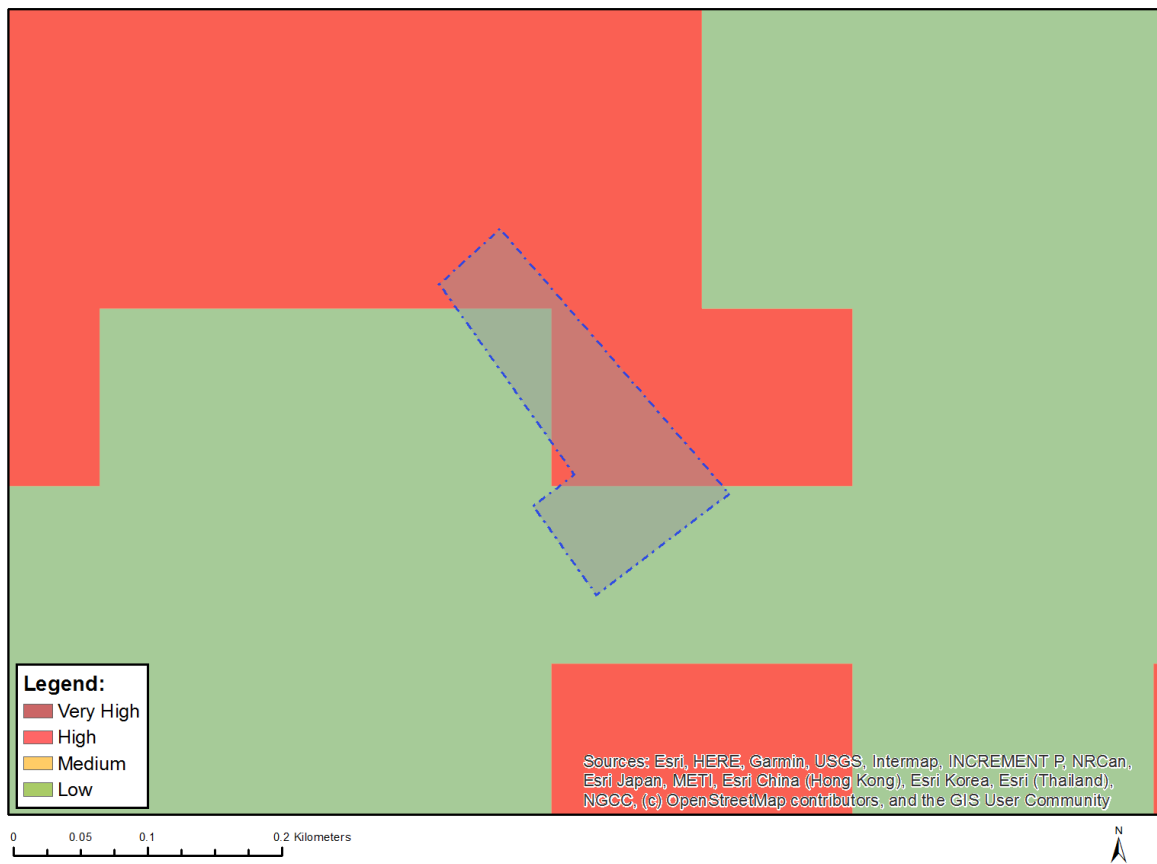


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Aves-Neotis denhami
Low	Subject to confirmation

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Between 8 and 15 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Features with a Very High paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



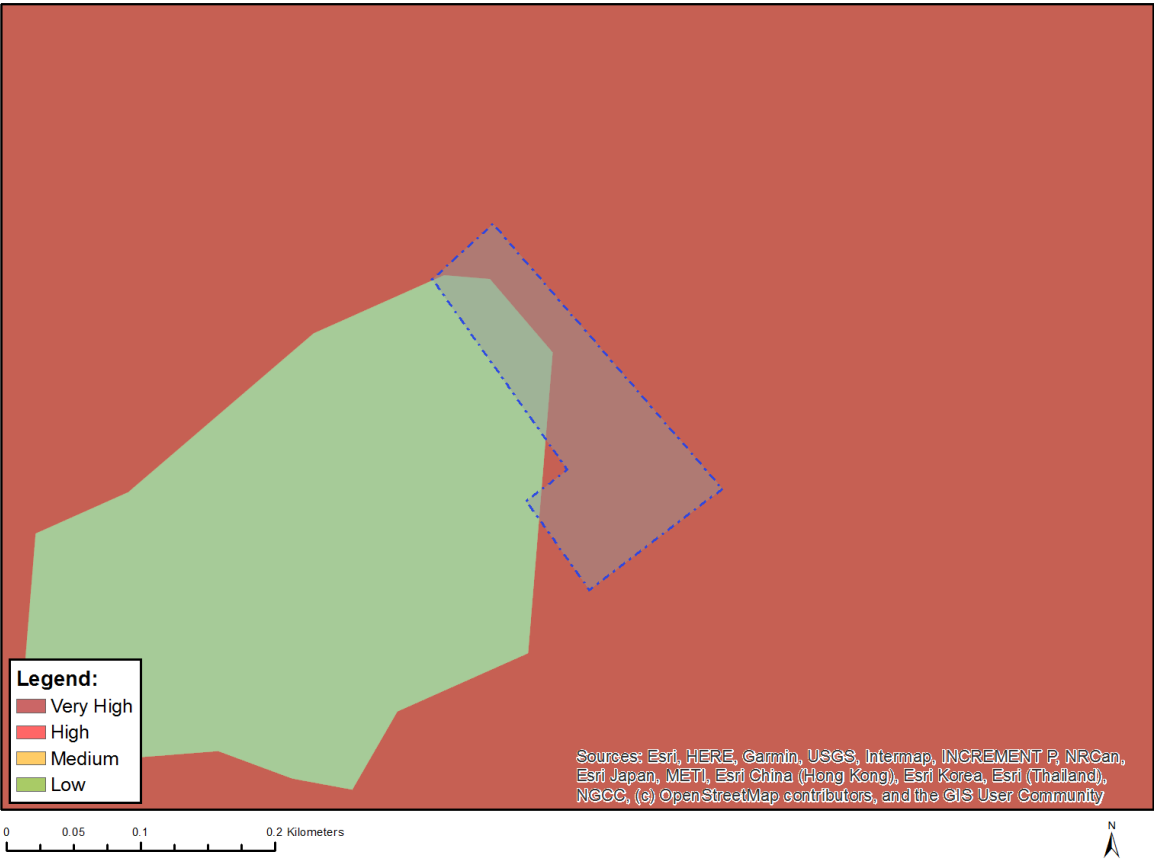
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Indigofera ovina
Medium	Sensitive species 1248

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	CBA 2

APPENDIX 15 – Site Sensitivity Verification Report

PREPARED FOR:



PREPARED BY:

NTCSA Delphi Substation Expansion



Environmental Site Sensitivity Verification Report

Site ID:	NTCSA Delphi Substation	Contractor:	EIMS
Location:	Komani, Enoch Mjijima Local Municipality	Inspector:	Qaphela Magaqa
Client representative:	Mamokete Mafumo	Inspection Date:	23 May 2024

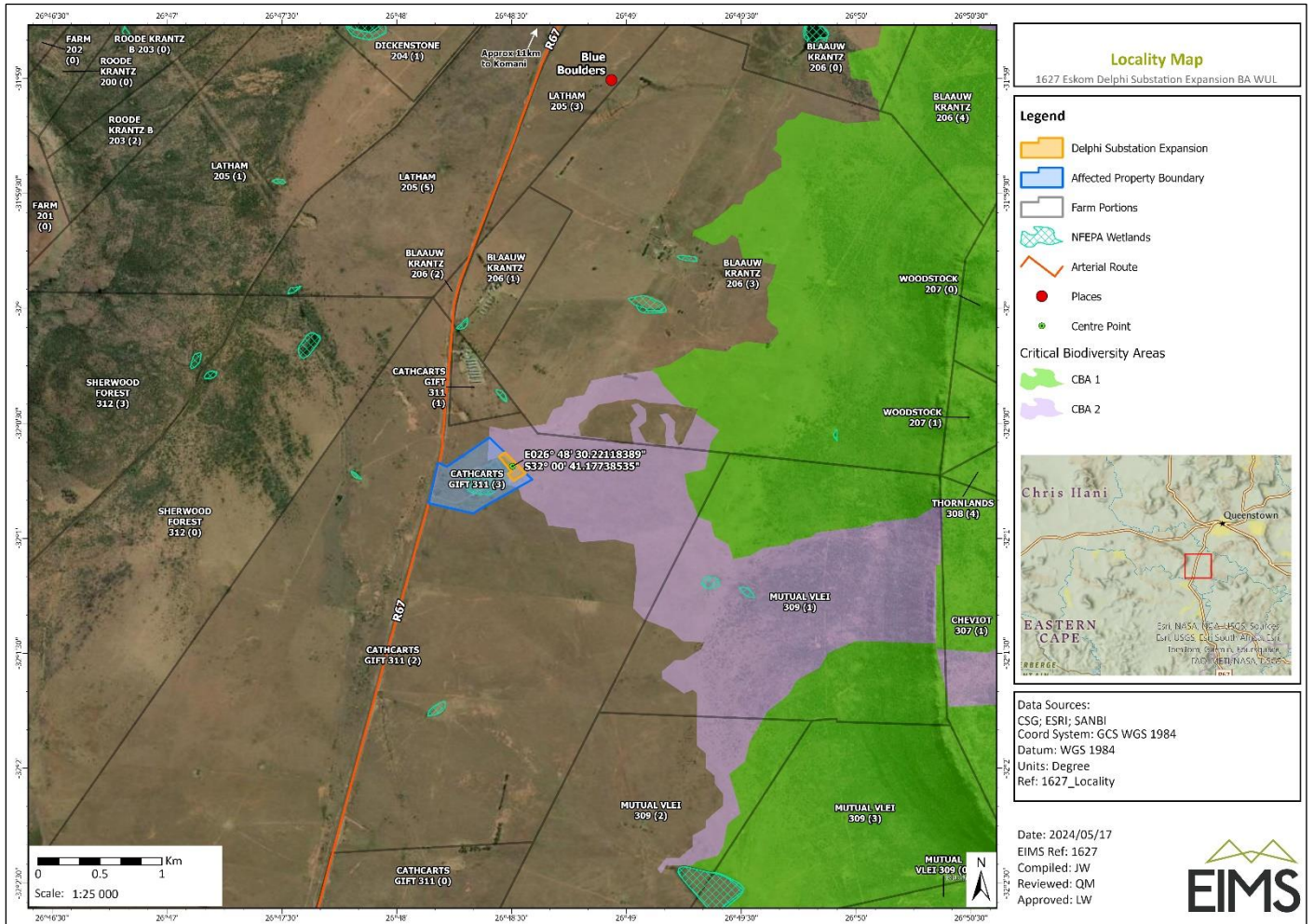
1. Background

Background of the project: The Applicant wishes to expand the existing NTCSA Delphi Substation to make provision to connect an additional 300 MW to the 100 MW which has already been approved up to bid Window 5 (BW5). As such, an expansion of the 400kV and 132kV bays are required. The project will involve the extension of the existing 400 kV yard by one bay, installation of a 400/132 kV 500 MVA transformer, extension of 132kV yard by seven bays, equipment of one 132kV transformer bay, relocation of the existing oil dam, and access road extension. This project forms part of an initiative to unlock grid capacity by connecting renewable energy generation by year 2027. The Eskom 2022 Transmission Development Plan (TDP) generation assumptions forecasts that 31 095 MW of PV and wind generation will be required nationally by 2030 of which 16 604 MW will be required as early as 2027. Currently there is limited or no capacity available in many of the Transmission supply areas.

Project Aspects:	Yes	No	Details (provide specifications)	Location (DD MM SS)	
				Latitude	Longitude
Delphi Substation Expansion Area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed works to be undertaken by Applicant entails the expansion of Delphi substation.</p> <p>400 kV Yard:</p> <ul style="list-style-type: none"> Extend the 400 kV in the north easterly (NE) direction by one bay. Equip 1 x 400 kV transformer bay. Install 1 x 400/132 kV 500 MVA transformer. Equip 400 kV B/B 1 B/S 1. Equip 400 kV B/C B. <p>132 kV Yard:</p> <ul style="list-style-type: none"> Extend the 132 kV B/B in the NE by 7 bays. Equip 1 x 132 kV transformer bay. Equip 132 kV B/B 1 B/S 1. Equip 132 kV B/C B in a new position. <p>Civil/Structural Requirements:</p> <ul style="list-style-type: none"> Fence, yard terrace and road extension. Oil dam relocation. Deviation of the existing storm water drainage. 	32° 0'41.18"S	26°48'30.22"E.



2. Site Layout Plan



2. DEA Screening Tool Assessment

Aspect	Very High	High	Medium	Low
Agriculture Theme			X	
Animal species Theme		X		
Aquatic Biodiversity Theme				X
Archaeological and Cultural Heritage				X
Civil Aviation Theme			X	
Defence Theme				X
Palaeontology Theme	X			
Plant Species Theme			X	
Terrestrial Biodiversity Theme	X			



3. Site Assessment

3.1 Gradient (indicate the general gradient characteristics of site)

Aspect									
Delphi Substation Expansion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Is the site located on or in the immediate vicinity of any of the following:

	Yes	No	Comment
Erosion Channels or areas of severe erosion/ destabilized soils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No erosion channels or destabilized soils were noted through the desktop analysis and site visit.
Wetlands (within 32m)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A wetland was noted in the south eastern side of the Delphi substation. It was noted that the wetland seemed to be an artificial wetland resulting from the channelling and release of stormwater from the Delphi substation. The proposed expansion is anticipated to impact the wetland area.
Unstable slopes or geological features (rocky outcrops)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No rocky outcrops or unstable slopes were noted on site and via desktop analysis.
Bare areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The site was noted to be mainly covered by the grassland vegetation. <i>Vachellia karroo</i> (sweet thorn) trees were noted around the Delphi Substation.
Other Sensitive or risk areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No further sensitive areas were noted.
Are any existing servitudes and structures directly or indirectly affected by the proposed sites and routes (e.g. Eskom, public road servitudes and restrictions- 60m from National Road, farmer's water/irrigation supplies, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The proposed expansion project is for an NTCSA substation, as such it is located within a substation property with various transmission infrastructure. However, the planned expansion is in a north easterly direction and will not impact any existing transmission infrastructure. The R67 (regional road) is located at least 400m, at its closest point to the proposed expansion, and is not anticipated to be impacted. It is noteworthy that there is an interchange



			to accommodate traffic turning into the substation. No irrigation infrastructure was noted in close proximity to the development area.
--	--	--	--

3.2 Vegetation

Which of the listed descriptions best describes the general groundcover on and around the site?

Natural veld - good condition <input type="checkbox"/>	Natural veld with scattered aliens <input checked="" type="checkbox"/>	Natural veld with heavy alien infestation <input checked="" type="checkbox"/>	Veld dominated by alien species <input type="checkbox"/>	Gardens <input type="checkbox"/>
Sport field <input type="checkbox"/>	Cultivated land <input type="checkbox"/>	Paved surface <input type="checkbox"/>	Building structure <input checked="" type="checkbox"/> or other	Bare soil <input type="checkbox"/>

Comments on vegetation composition:	The vegetation was noted to be disturbed due to human infringement, as it is located adjacent to the existing and active substation. The vegetation was noted to be dominated by grassland vegetation type with areas showing heavy alien infestation and some demonstrating scattered alien infestations. The wetland area was noted to have reed type grasses (TBC by suitably qualified specialist)
-------------------------------------	--




Comments on weed species/type	A terrestrial biodiversity screening and compliance statement will be prepared. This section will be updated as per the specialist site assessment.
-------------------------------	---

Land cover/ use description: Describe the land uses on the site

The current land use description on the site is Public Service Infrastructure.



Site Photos

	 <p><small>Eskom Delphi Substation Expansion 32.012914 S, 26.808176 E, 2024-05-21 08:27</small></p>	 <p><small>Eskom Delphi Substation Expansion 32.012516 S, 26.808391 E, 2024-05-21 08:56</small></p>
<p>Describe area and adjacent land use:</p>	<p>View of oil dam requiring relocation towards eastern site boundary.</p>	<p>View of stormwater outlet pipe from the Delphi substation into the identified wetland.</p>
	 <p><small>Eskom Delphi Substation Expansion 32.012399 S, 26.808750 E, 2024-05-21 09:02</small></p>	 <p><small>Eskom Delphi Substation Expansion 32.011804 S, 26.808741 E, 2024-05-21 09:04</small></p>
<p>Describe area and adjacent land use:</p>	<p>View of artificial wetland in the South East boundary of proposed site.</p>	<p>Disturbed grassland area located in the Eastern Boundary of site. Area characterised with grassland vegetation and alien vegetation.</p>



Eskom Delphi Substation Expansion 32.011593 S , 26.808196 E: 2024 05 21 09:06

Describe area and adjacent land use:

View of proposed development area. Grassland vegetation with alien infestation and *Vachellia karroo* shrubs/trees.



Eskom Delphi Substation Expansion 32.011591 S , 26.808203 E: 2024 05 21 09:06

Northward view of proposed expansion area and typical substation fencing design.



Eskom Delphi Substation Expansion 32.011039 S , 26.808260 E: 2024 05 21 09:15

Describe area and adjacent land use:

North westward view towards the R67 showing powerlines connecting at the Delphi Substation.



Eskom Delphi Substation Expansion 32.011019 S , 26.808260 E: 2024 05 21 09:15

North east view showing boundary fence on the Delphi Substation property and open veld typically used for grazing livestock.



Describe area and adjacent land use:

General southward view of proposed expansion area.



Describe area and adjacent land use:

Guineafowl feathers noted at the substation expansion area (south east section, north of wetland).



View of *Vachellia karroo* species on site.



Describe area and adjacent land use:

General view of alien infestation/vegetation noted within the proposed site area.



Describe area and adjacent land use:

Panoramic view of Delphi substation and proposed expansion area. The proposed development/expansion area is dominated by disturbed grassland vegetation with alien infestations. The southern section of the proposed expansion area has an artificial wetland receiving water from the Delphi substation stormwater outlet and oil dams.



7. Verification findings and motivation:

Assessment for specialist studies and motivation:					
Screening Tool Specialist Study Required:	Level of Sensitivity:	Suggested Sensitivity:	Required Assessment	level of	Motivation
Agriculture Impact Assessment	Medium	Low	None.	<input type="checkbox"/>	A DFFE compliant soils/agriculture compliance statement will be undertaken by a suitably qualified specialist.
			Compliance Statement	<input checked="" type="checkbox"/>	
			Full Assessment	<input type="checkbox"/>	
			Other	<input type="checkbox"/>	
Archaeological and Cultural Heritage Impact Assessment	Low	Unknown	None.	<input type="checkbox"/>	A DFFE compliant specialist assessment will be undertaken by a suitably qualified specialist. The HIA will be undertaken to fulfil the requirements of the National Heritage Resources Act Section 38 application.
			Compliance Statement	<input type="checkbox"/>	
			Full Assessment	<input checked="" type="checkbox"/>	
			Other	<input type="checkbox"/>	
Palaeontology Impact Assessment	Very High	Unknown	None.	<input type="checkbox"/>	A DFFE compliant specialist assessment will be undertaken by a suitably qualified specialist. The PIA will be undertaken to fulfil the requirements of the National Heritage Resources Act Section 38 application.
			Compliance Statement	<input type="checkbox"/>	
			Full Assessment	<input checked="" type="checkbox"/>	
			Other	<input type="checkbox"/>	
Terrestrial Biodiversity Impact Assessment	Very High	Low	None.	<input type="checkbox"/>	The proposed development/expansion is located within an area classified as a CBA 2 area. The proposed development is planned to expand on an existing substation in an area that had been disturbed during the construction of the substation. A DFFE compliant biodiversity compliance statement will be undertaken by a suitably qualified specialist covering plant, animal and avifaunal assessment.
			Compliance Statement	<input checked="" type="checkbox"/>	
			Full Assessment	<input type="checkbox"/>	
			Other	<input type="checkbox"/>	
Aquatic Biodiversity Impact Assessment	Low	Low	None.	<input type="checkbox"/>	The proposed expansion/development area is located in close proximity and within an artificial wetland area, the proposed project will require work within a regulated area of a watercourse. A DFFE compliant aquatic compliance statement will be undertaken by a suitably qualified specialist.
			Compliance Statement	<input checked="" type="checkbox"/>	
			Full Assessment	<input type="checkbox"/>	
			Other	<input type="checkbox"/>	
Geotechnical Assessment	-	Unknown	None.	<input type="checkbox"/>	Geotechnical investigations have been commissioned by the applicant. The geotechnical report will be appended to the Basic Assessment/subsequent submissions to the DFFE.
			Compliance Statement	<input type="checkbox"/>	
			Full Assessment	<input type="checkbox"/>	
			Other	<input checked="" type="checkbox"/>	
Plant Species Assessment	N/A	Low	None.	<input type="checkbox"/>	A DFFE compliant biodiversity compliance statement will be undertaken by a suitably
			Compliance Statement	<input checked="" type="checkbox"/>	



			Full Assessment	<input type="checkbox"/>	qualified specialist covering plant, animal and avifaunal assessment.	
			Other			
Animal Assessment	Species	N/A	High	None.	<input type="checkbox"/>	A DFFE compliant biodiversity compliance statement will be undertaken by a suitably qualified specialist covering plant, animal and avifaunal assessment.
				Compliance Statement	<input checked="" type="checkbox"/>	
				Full Assessment	<input type="checkbox"/>	
				Other		

Guidance notes:

- An applicant intending to undertake an activity identified in the scope of this protocol, on a site identified by the screening tool as being of “very high” or “high” sensitivity for terrestrial animal species must submit a Terrestrial Animal Species Specialist Assessment Report.
- An applicant intending to undertake an activity identified in the scope of this protocol on a site identified by the screening tool as being of “medium sensitivity” for terrestrial animal species must submit either a Terrestrial Animal Species Specialist Assessment Report or a Terrestrial Animal Species Compliance Statement, depending on the outcome of a site inspection undertaken in accordance with paragraph 4.
- An applicant intending to undertake an activity identified in the scope of this protocol on a site identified by the screening tool as being of “low” sensitivity for terrestrial animal species must submit a Terrestrial Animal Species Compliance Statement.
- Where the information gathered from the site sensitivity verification differs from the screening tool designation of “very high” or “high”, for terrestrial animal species sensitivity and it is found to be of a “low” sensitivity, then a Terrestrial Animal Species Compliance Statement must be submitted.
- Where the information gathered from the site sensitivity verification differs from the screening tool designation of “low” terrestrial animal species sensitivity and it is found to be of a “very high” or “high” terrestrial animal species sensitivity, a Terrestrial Animal Species Specialist Assessment must be conducted.
- If any part of the development falls within an area of confirmed “very high” or “high” sensitivity, the assessment and reporting requirements prescribed for the “very high” or “high” sensitivity, apply to the entire development footprint. Development footprint in the context of this protocol means, the area on which the proposed development will take place and includes the area that will be disturbed or impacted.