



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*)

KELVIN POWER COMBINED CYCLE GAS TURBINE PROJECT, CITY OF EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE

Indicate if the **DRAFT** report accompanies the application (tick/select one box)

YES
NO

PRE-APPLICATION CONSULTATION

Was a pre-application meeting held	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Date of the pre-application meeting	08 February 2024	
Reference number of pre-application meeting held	2024-01-0016	
Were minutes compiled and submitted to the Department for approval	YES <input checked="" type="checkbox"/>	NO <input 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>

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- 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@idc.co.za

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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:	The Competent Authority for the consideration and processing of Environmental Authorisations for activities related to the IRP 2010-2030 is the Minister of the DFFE. Therefore, the DFFE is the Competent Authority in terms of S24C(2)(a)(i)
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 checked="" type="checkbox"/>	NO <input type="checkbox"/>
Payment Reference Number	-26.113178/28.193329	
Exclusion in terms of Regulation 2(a) or 2(b) of GNR 141 of 28 February 2014 (Fee Regulations)	YES <input type="checkbox"/>	NO <input checked="" 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 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 type="checkbox"/>
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000	<input checked="" type="checkbox"/>

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

Payment/Refund Enquiries: Email: EIAAdmin@dfpe.gov.za	
Banking details:	
Bank	ABSA Bank
Branch code	632005
Account number	1044 2400 72
Account Type	Current account
Reference number: Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude	

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e.g. -33.918861/18.423300
Status: Tax exempted

3. GENERAL INFORMATION

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

KELVIN POWER COMBINED CYCLE GAS TURBINE PROJECT , CITY OF EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE

Title	<i>Choose a title.</i>
Name of the Applicant	Kelvin Power (Pty) Ltd
Surname of the Applicant	Click or tap here to enter text.
Name of contact person for applicant (name and surname) (if other)	Segotsane Hendrick Seopa
Company/ Trading name (if any)	Click or tap here to enter text.
Company Registration Number	2000/030051/30
Physical address	3 Zuurfontein Road Johannesburg
Postal address	P.O. Box 311, Kempton Park
Postal code	1620
Telephone	+27 11 573 2578
Cellphone	+27 83 459 0090
E-mail	oupa.seopa@kelvinpower.com

Name of the Landowner	The applicant is the landowner for RE/391 of Zuurfontein 33 and the applicant has servitude rights for the gas pipeline route (linear infrastructure only) on RE/82 of Zuurfontein 33.
Surname of the Landowner	Click or tap here to enter text.
Postal address	Click or tap here to enter text.
Postal code	Click or tap here to enter text.
Telephone	Click or tap here to enter text.
Cellphone	Click or tap here to enter text.
E-mail	Click or tap here to enter text.

Name of the Person in control of the land	Applicant is the landowner / in control of the land
Surname of the Person in control of the land	Click or tap here to enter text.
Postal address	Click or tap here to enter text.
Postal code	Click or tap here to enter text.
Telephone	Click or tap here to enter text.
Cellphone	Click or tap here to enter text.
E-mail	Click or tap here to enter text.

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).

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Provincial Environmental Authority:	Gauteng Department of Agriculture, Rural Development and Environment
Name of contact person in Environmental Section (name and surname)	Zanele Mlangeni
Postal address	PO Box 8769, Johannesburg
Postal code	2001
Telephone	011 240 3379
Cellphone	Click or tap here to enter text.
E-mail	Zanele.Mlangeni@gauteng.gov.za.

Local Municipality	City of Ekurhuleni
Name of contact person in Environmental Section (name and surname)	Thabang Mokoena (Head of Compliance – Environmental Resource & Waste Management Department)
Postal address	Private Bag x1069, Germiston
Postal code	1400
Telephone	011 999 2006
Cellphone	Click or tap here to enter text.
E-mail:	Thabang.mokoena@ekurhuleni.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
EAP name and surname	John von Mayer
EAP Qualifications and Professional affiliations	BSc Hons, EAPASA, SACNASP
Physical address	8 Dalmeny Road, Pine Park, Randburg
Postal address	PO Box 2083, Pinegowrie
Postal code	2123
Telephone	(011) 789 7170
Cellphone	084 404 3673
E-mail	john@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	Attached as APPENDIX 6A	

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with the application, kindly refer to Section 24H Registration Authority Regulations, 2016, as amended.	
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.	2019/1247

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*):

The applicant wishes to develop a Combined Cycle Gas Turbine (CCGT) Power Plant at the Kelvin Power Station. The net output will be approximately 600 megawatts. The CCGT Power Plant will comprise of one H class gas turbine, a heat recovery boiler and a steam turbine. The main structures comprising the plant include a gas turbine building, steam turbine building, water treatment plant, heat recovery steam generator, mechanical draft cooling tower, EHV substation, exhaust stack, auxiliary buildings and administration buildings. Other possible infrastructure includes additional water and treated sewage wastewater supply pipelines, as well as electricity transmission lines to the CityPower Sebenza substation adjacent to the power station.

The proposed project is located on Zuurfontein Farm 33-IR portion 391 R/E and 82 R/E, Ekurhuleni Metropolitan Municipality, Gauteng Province. The site is approximately 4km West South West of Kempton Park CBD. The centre point of the site is approximately 26°06'45.84"S, 28°11'36.42"E.

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"/> - Non-renewable
If "YES"		
• Confirm Technology	Large Scale Wind <input type="checkbox"/>	Large Scale Solar PV <input type="checkbox"/>
• Confirm Zone as per GNR 114 and GNR 142 and 144	Click or tap here to enter text.	
• 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 type="checkbox"/>	NO <input checked="" type="checkbox"/> - The project is not for large scale electricity transmission or distribution
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If "YES"		
<ul style="list-style-type: none"> Confirm Strategic Transmission Corridor (STC) as per GNR 113 	Click or tap here to enter text.	
<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 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
Does the project form part of the Standard as per GNR 2313	YES* <input type="checkbox"/>	NO** <input checked="" type="checkbox"/> - Although the project falls within the area identified in the standard the main component of the projects is the CCGT plant which is not included in the standard (i.e. the main project is not electricity transmission and distribution power lines as covered by the Standard)
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 type="checkbox"/>	NO <input checked="" 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>		

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Does the project form part of the Electricity Grid Infrastructure (EGI) in a REDZ as per GN 145?	YES* <input type="checkbox"/>	NO <input checked="" type="checkbox"/> - The project is not for large scale electricity transmission or distribution
If "YES**":		
• Confirm Zone as per GNR 145	Click or tap here to enter text.	
• 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 "Print Map" feature available in the Screening tool to create a map as required.	YES <input type="checkbox"/>	Attached as APPENDIX 7E
• 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

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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"/> - Project is not for strategic gas pipeline infrastructure
If "YES"		
<ul style="list-style-type: none"> Confirm Strategic Gas Pipeline Corridor (SGPC) as per GNR 143 	Click or tap here to enter text.	
<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 template attached to this Application form) 	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"/>
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 .		
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.		
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"/>

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No.	Sector Classification		No.	Sector Classification	
8	Infrastructure /Transport Services - Ports	<input type="checkbox"/>	49	Services/Burial and cemeteries - Cremators	<input type="checkbox"/>
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 checked="" 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"/>

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No.	Sector Classification		No.	Sector Classification	
31	Utilities Infrastructure/Electricity /Generation/ Renewable - Hydro	<input type="checkbox"/>	72	Agriculture/Forestry/ Fisheries - Agro-Processing	<input type="checkbox"/>
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 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	Click or tap here to enter text.	

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

7. SITE DESCRIPTION

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

Province/s	Gauteng
District Municipality/ies	City of Ekurhuleni Metropolitan Municipality
Local Municipality/ies	City of Ekurhuleni Metropolitan Municipality
Ward number/s	17
Nearest town/s	The EA Application area is situated ~4km to the west of Kempton Park CBD, 11 km east of Sandton, and ~14km south east of Midrand.
Farm name/s and number/s	Zuurfontein 33
Portion number/s	Remainder of portion 391 and Remainder of portion 82

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](#).)

T	0	I	R	0	0	0	0	0	0	0	0	0	0	3	3	0	0	3	9	1
T	0	I	R	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	8	2
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
Cnr Point 1	26°	6'	32.89"	28°	11'	18.83"
Cnr Point 2	26°	6'	44.23"	28°	11'	41.38"
Cnr Point 3	26°	7'	8.96"	28°	11'	48.71"
Cnr Point 4	26°	7'	10.15"	28°	11'	47.57"
Cnr Point 5	26°	7'	11.31"	28°	11'	43.15"
Cnr Point 6	26°	7'	17.22"	28°	11'	43.15"
Cnr Point 7	26°	7'	20.54"	28°	11'	44.81"
Cnr Point 8	26°	7'	21.92"	28°	11'	39.80"
Cnr Point 9	26°	7'	25.26"	28°	11'	41.12"
Cnr Point 10	26°	7'	27.68"	28°	11'	36.14"
Cnr Point 11	26°	7'	25.15"	28°	11'	2.56"
Cnr Point 12	26°	7'	25.15"	28°	11'	2.56"
Cnr Point 13	26°	7'	9.99"	28°	10'	49.81"
Cnr Point 14	26°	7'	1.98"	28°	10'	48.47"
Cnr Point 15	26°	6'	59.61"	28°	11'	9.27"
Cnr Point 16	26°	6'	57.26"	28°	11'	8.52"
Cnr Point 17	26°	6'	55.96"	28°	11'	14.51"
Cnr Point 18	26°	7'	0.84"	28°	11'	15.93"
Cnr Point 19	26°	6'	57.60"	28°	11'	28.90"

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

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

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 • 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.
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.	Dangerous goods stored on site would be chemicals for the water treatment plant and diesel storage. Exact volumes cannot be accurately determined at this stage however the combined storage of all dangerous goods will definitely exceed 80 cubic meters and will definitely be less than 500 cubic meters

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

60	The expansion and related operation of facilities or infrastructure for the bulk transportation of dangerous goods- (i) in gas form, outside an industrial complex, by an increased throughput capacity of 700 tons or more per day;.	A gas pipeline linking the CCGT plant to the Sasol gas pipeline system would be required. The new pipeline fuel consumption will be greater than 700 tons per day.
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.
2	The development and related operation of facilities or infrastructure for the generation of electricity from a non-renewable resource where the electricity output is 20 megawatts or more.	The CCGT plant will generate up to 600MW of electricity.
6	The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding (i) activities which are identified and included in Listing Notice 1 of 2014; (ii) activities which are included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; (iii) the development of facilities or infrastructure for the treatment of effluent, polluted water, wastewater or sewage where such facilities have a daily throughput capacity of 2 000 cubic metres or less; or (iv) where the development is directly related to aquaculture facilities or infrastructure where the wastewater discharge capacity will not exceed 50 cubic metres per day.	An AEL is required for the CCGT. A new WUL may also be required.
9	The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is- (a) temporarily required to allow for maintenance of existing infrastructure; (b) 2 kilometres or shorter in length; (c) within an existing transmission line servitude; and (d) will be removed within 18 months of the commencement of development.	Electricity generated at the Kelvin Power CCGT Plant will be evacuated from the plant by means of two new 275kV lines (or possibly cables) with an approximate length of 250 m from the generating plant to the Sebenza 275/88kV Substation located adjacent to the proposed CCGT plant
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.
4	The development of a road wider than 4 metres with a reserve less than 13,5 metres.	The project involves development of access roads wider than 4m, with a reserve less than 13,5 m in areas considered as

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

	vii. Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas	high agricultural potential land in the Gauteng Agricultural Potential Atlas (land capability class value of 12)
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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 PPP commenced on the 15 February 2024 with an initial notification and call to register. Registered letters, emails and facsimiles (faxes) were prepared and distributed to the identified relevant authorities, affected and adjacent landowners and legal occupiers, ward councillors and other pre-identified key stakeholders.

16 A1 site notices (English and Zulu) were placed along, within and surrounding the perimeter of the proposed project area and its surroundings on 15 February 2024.

Advertisements describing the proposed project and EIA process were placed in the Bedfordview and Edenvale News Newspaper (in English) with circulation in the vicinity of the study area on the 21st of February 2024, as well as the Kempton Express Newspaper (in English and isiZulu) with circulation in the vicinity of the study area on the 22nd of February 2024

Notification regarding the availability of the Scoping Report and EIA Report for 30-day public review will be given in the following manner:

- Registered letters with details on where the Scoping Report is available from, as well as the duration of the public review comment period, will be distributed to all registered I&APs (which includes key stakeholders, affected and surrounding landowners, and registered occupiers);
- Facsimile notifications with information similar to that in the registered letter described above, will be distributed to all registered I&APs; and
- Email notifications with a letter attachment containing the information described above will be also distributed to all registered I&APs

Issues raised will be addressed in a transparent manner and the full details (such as the comment received, the name of the I&AP who commented, the issue raised and the main aspect of the raised issue, as well as the response provided to the I&AP) included in the Public Participation Report

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	Click or tap here to enter text.		
Application Reference Number	Click or tap here to enter text.		
Project Name	Click or tap here to enter text.		
Please provide details of the steps taken to ascertain this information: Click or tap here to enter text.			
Explain whether the above approval(s) will be in conflict with the proposed development. Click or tap here to enter text.			

11. OTHER LEGISLATION/APPROVAL

Applications in terms of the National Environmental Management Act ("NEMA") & specific environmental management Acts ("SEMAS"):

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 type="checkbox"/>	<input checked="" type="checkbox"/>
National Environmental Management: Air Quality Act (Act No. 39 of 2004)	<input checked="" type="checkbox"/>	<input 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 Click or tap here to enter text.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 Environmental Authorisation being lodged with the Competent Authority. This approval must be attached as **APPENDIX 12**; and

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

- Please provide the reference number of the submission of your application to the relevant Heritage Resources Authority in terms of section 38(8) of the National Heritage Resources Act, Act 25 of 1999 and attach a copy to this number as **APPENDIX 13**. 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, and section 24(b)(iii)(c) of NEMA.

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

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 type="checkbox"/>	<input checked="" 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	EGL in Strategic Transmission Corridor Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 7C	Pre-Negotiated Route Agreement for EGL	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 7D	Motivation pertaining to the Standard as per GNR 2313	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPENDIX 7E	EGL in Renewable Energy Development Zone Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APPENDIX 7F	Pre-Negotiated Route Agreement for EGL 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 checked="" type="checkbox"/>	<input 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 Click or tap here to enter text.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

APPENDIX 1
COPY OF THE PRE-APPLICATION MEETING MINUTES

MINUTES OF MEETING

EIMS Ref	1607	Project Name	KELVIN POWER STATION CCGT EIA
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MEETING DETAILS

Meeting	Kelvin Power Station CCGT EIA – Pre-Application Meeting with DFFE		
Meeting Venue	Microsoft Teams	Date	2024/02/08
		Time	11:00

MEETING ATTENDEES

Representative	Company/Organisation	Email Address
John von Mayer (JvM)	Environmental Impact Management Services	john@eims.co.za
Zama Langa (ZL)	DFFE	zlanga@dff.co.za
Nyiko Nkosi (NN)	DFFE	NNKOSI@dff.co.za
Peter Barrett (PB)	Kelvin Power	Pbarrett@energigroup.com
Oupa Seopa (OS)	Kelvin Power	Oupa.Seopa@KELVINPOWER.com
Lhavelesani Nelwamondo (LN)	Kelvin Power	Lavhelesani.Nelwamondo@kelvinpower.co.za
Robert Pacquement (RP)	Kelvin Power	Rpacquement@energigroup.com

APOLOGIES & ADDITIONAL DISTRIBUTION

Representative	Company	Email Address
Liam Whitlow	EIMS	liam@eims.co.za

AGENDA

Item
1. Introductions
2. Purpose of Meeting
3. Project Overview and Description (Presentation)
a. Background
b. Proposed Development

MINUTES OF MEETING

EIMS Ref	1607	Project Name	KELVIN POWER STATION CCGT EIA
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Item
c. Pre-identified Triggered Activities
d. Pre-identified Environmental Process
e. Pre-identified Specialist Studies
4. DFFE's Input / Guidance
5. Way Forward

MINUTES

Item No	Item	Action
1.	<p>Introductions</p> <p>JvM opened the meeting and welcomed all attendees. All meeting attendees introduced themselves and their role in the project.</p>	
2.	<p>Purpose of the meeting</p> <p>JvM highlighted the purpose of the meeting indicating the objectives of the meeting introducing the project to the Competent Authority (CA), outlining pre-identified environmental legislated triggered activities and associated processes to be followed, confirming specialist studies and attaining a way forward.</p>	
3.	<p>Project Overview and Description (Presentation)</p> <p>JvM provided the project background, description of the project and the location as per the attached presentation in Appendix 1.</p>	
4.	<p>DFFE's Input / Guidance</p> <p>1. Zone 5 listed activities:</p> <ul style="list-style-type: none"> • NN questioned the process to be followed if certain listed activities are not applicable, as the project falls within Gauteng EMF Zone 5. • JvM responded that certain activities, such as Listing Notice 2 Activity 2 would still be applicable and would trigger a full scoping and EIA process, however it was not clear whether the activities that are not applicable should still be applied for. JvM asked if these activities should be excluded from the application. • NN responded that it was not possible to confirm this at this stage, and that there may be standards that are applicable for activities falling within the EMF zones. In this case some listed activities require the standard be applied and others do not apply and require a full scoping and EIA process. DFFE need to confirm this outside of the 	DFFE to advise

MINUTES OF MEETING

EIMS Ref 1607 Project Name KELVIN POWER STATION CCGT EIA

Item No	Item	Action
	<p>meeting. After the meeting the minutes should be provided and EIMS should highlight items requiring further clarification. DFFE will then respond on these aspects.</p> <p>2. Confirmation of Competent Authority</p> <ul style="list-style-type: none"> • JvM asked for confirmation that DFFE is the competent authority as this is a power generation projects with implications for the IRP. • NN responded that yes, DFFE would be the competent authority and asked for confirmation on the total MW generated. • JvM confirmed that up to 650MW of power would be generated. <p>3. Application form and report templates</p> <ul style="list-style-type: none"> • JvM inquired as to the latest version of the EA application form. • NN responded that the latest version of the forms and all templates are all available on the DFFE website. <p>4. Project Timeframes</p> <ul style="list-style-type: none"> • JvM mentioned that the project aims to address current electricity problems in the country and that Kelvin are targeting bidding window of August 2024. He asked if there were any opportunities to expedite decision making timeframes? • NN noted that the various other licences are also required (AEL and WUL) and asked for clarification on bidding requirements. • JvM responded that EIMS is in process of the initial Call to Register process and noted that the scoping report will only be available in March. He noted that the EA is the main requirement for the bid, while the other applications are less important to have completed. He asked again if there are any opportunities to reduce the final decision making period. • NN asked why the application is only being submitted in March if the timeframes are urgent. There are thousands of renewable energy projects that DFFE need to assess, so can the schedule be shorted and the application form submitted earlier than March 2024 so that the final EIR can be submitted sooner? NN said DFFE cannot confirm now if they will be able to prioritize this. At the moment it is not possible that the EA would be granted in August 2024 if the final EIR will only be submitted in August 2024. • JP responded that the scoping report will only be ready in March 2024, and the application would be submitted with the scoping report, so submitting the application sooner would not expedite any of the associated timeframes. • NN advised that the application form submission should be put on hold until the scoping report is ready, otherwise the regulated timeframes could be exceeded. <p>5. Permitting requirements</p> <ul style="list-style-type: none"> • NN asked if the competent authority for the wate license has been identified yet? • JvM responded that the enviro-legal review is still being conducted and at this stage it is not clear weather a WML will be required or not. • NN advised that if DFFE is the CA, in the case where hazardous waste is concerned, and if it goes through an integrated permitting process then another meeting 	

MINUTES OF MEETING

EIMS Ref 1607

Project Name

KELVIN POWER STATION CCGT EIA

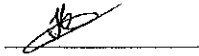
RECORDED BY

John von Mayer

EIMS

Name

Organisation



8 February 2024

Signature

Date

ADOPTED BY

Name

Organisation

Signature

Date

John Von Mayer

From: Zama Langa <ZLANGA@dffe.gov.za>
Sent: Wednesday, 06 March 2024 11:31
To: John Von Mayer
Cc: Nyiko Nkosi; Julliet Mahlangu
Subject: RE: 2024-01-0016

Dear John

The pre application meeting held 08 February 2024, the minutes of the aforementioned meeting and your subsequent emails refer.

The minutes of the meeting held 08 February 2024 are approved as a true reflection of the discussion held. Please be advised that the activities that fall under the Gauteng EMF zone 5 must be included as part of your application.

Should have any further queries please do reach out to me.

Regards,
Zamalanga

From: John Von Mayer <john@eims.co.za>
Sent: Thursday, February 22, 2024 3:04 PM
To: Zama Langa <ZLANGA@dffe.gov.za>
Cc: Nyiko Nkosi <NNKOSI@dffe.gov.za>; Julliet Mahlangu <JMMahlangu@dffe.gov.za>
Subject: RE: 2024-01-0016

Good Day Zama and Nyiko,

Please find attached notes from the pre-app meeting held on 8 February for the Kelvin Power Station CCGT EIA project for your adoption.

Please note that we have confirmed that no Waste Management License will be required, so we will not need up a separate meeting with the waste guys.

Please confirm, as discussed, regarding listed activities as the project falls within Gauteng EMF Zone 5. In this case some listed activities require the standard be applied and others do not apply and require a full scoping and EIA process. DFFE need to confirm approach on this please.

Kind Regards,

JOHN VON MAYER



T (011) 789 7170
M 084 404 3673
F 086 571 9047
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W www.eims.co.za

8 Dalmeny Road, Pine Park,
Randburg, 2194
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ZA

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From: Zama Langa <ZLANGA@dffe.gov.za>
Sent: Monday, January 22, 2024 12:01 PM
To: John Von Mayer <john@eims.co.za>
Cc: Nyiko Nkosi <NNKOSI@dffe.gov.za>; Julliet Mahlangu <JMMahlangu@dffe.gov.za>
Subject: RE: 2024-01-0016

Good day

The department is available for a meeting on 08 February 2024 at 11h00. Please send us a MS Teams link to join.

Regards,
Zamalanga

From: EIA Applications <EIAApplications@dffe.gov.za>
Sent: Friday, January 19, 2024 12:38 PM
To: Zama Langa <ZLANGA@dffe.gov.za>
Cc: Nyiko Nkosi <NNKOSI@dffe.gov.za>; John Von Mayer <john@eims.co.za>
Subject: 2024-01-0016

Dear Zama.

Please note that you have been allocated an application:

Type of Application: Pre-Application Meeting Request;
Reference Number: 2024-01-0016;
Date Received: 19/01/2024;
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: John Von Mayer <john@eims.co.za>
Sent: Friday, January 19, 2024 11:10 AM
To: EIA Applications <EIAApplications@dffe.gov.za>
Subject: pre-application meeting request

Good Day,

Please find attached completed pre-application meeting request form for the proposed Kelvin Power Station CCGT EIA project.

Please contact me with any queries in this regard.

Kind Regards,

JOHN VON MAYER



T (011) 789 7170
M 084 404 3673
F 086 571 9047
E john@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



NOTIFICATION OF PAYMENT

To Whom It May Concern:

First National Bank hereby confirms that the following payment instruction has been received:

Date Actioned	: 2024/03/06
Time Actioned	: 15:05:47
Trace ID	: 5FSVKWVL

Payer Details

Payment From	: *Environmental Impact M Ment Serv (pty)
Cur/Amount	: 10,000.00

Payee Details

Recipient/Account No	: . . 240072
Name	: Department of Forest
Bank	: ABSA BANK LIMITED
Branch Code	: 632005
Reference	: -26.112827/ 28.193438

END OF NOTIFICATION

To authenticate this Payment Notification, please visit the First National Bank website at fnb.co.za, select the "Verify Payments" link and follow the on-screen instructions.

Our customer (the payer) has requested First National Bank Limited to send this notification of payment to you. Should you have any queries regarding the contents of this notice, please contact the payer. First National Bank Limited does not guarantee or warrant the accuracy and integrity of the information and data transmitted electronically and we accept no liability whatsoever for any loss, expense, claim or damage, whether direct, indirect or consequential, arising from the transmission of the information and data.

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>LN1, Activity 60</i>	<i>Gas Pipeline</i>	<i>RE 82 of Zuurfontein 33</i>	<i>Kelvin Estate</i>	<i>No – linear activity</i>	<i>N/A – linear only</i>
<i>LN 2, Activity 2</i>	<i>CCGT</i>	<i>RE 391 of Zuurfontein 33</i>	<i>Kelvin Power (Applicant)</i>	<i>Yes</i>	<i>Appendix 3B</i>
<i>LN 2, Activity 4</i>	<i>Diesel Storage</i>	<i>RE 391 of Zuurfontein 33</i>	<i>Kelvin Power (Applicant)</i>	<i>Yes</i>	<i>Appendix 3B</i>
<i>LN 2, Activity 6</i>	<i>CCGT</i>	<i>RE 391 of Zuurfontein 33</i>	<i>Kelvin Power (Applicant)</i>	<i>Yes</i>	<i>Appendix 3B</i>
<i>LN 2, Activity 6</i>	<i>Power Line</i>	<i>RE 391 of Zuurfontein 33</i>	<i>Kelvin Power (Applicant)</i>	<i>Yes</i>	<i>Appendix 3B</i>
<i>LN 4, Activity 4</i>	<i>Access Roads</i>	<i>RE 391 of Zuurfontein 33</i>	<i>Kelvin Power (Applicant)</i>	<i>Yes</i>	<i>Appendix 3B</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.

APPENDIX 3 (a/b/c etc)

CONSENT FROM THE LANDOWNER / PERSON IN CONTROL OF THE LAND, ON WHICH THE ACTIVITY IS TO BE UNDERTAKEN

Submitted in terms of the requirements of sub-regulation 39(1) of the Environmental Impact Assessment Regulations, 2014 (if the applicant is not the owner or person in control of the land on which the activity is to be undertaken).

KINDLY NOTE THAT:

1. This document should be attached as Appendix 3 to: The application form for Environmental Authorization in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998).
2. This 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 released by the Department.
3. One form must be filled in per landowner.

1. DETAILS OF APPLICANT:

Project Applicant	Kelvin Power (Pty) Ltd
Trading name (if any)	Click or tap here to enter text.
Contact person	Segotsane Hendrick Seopa
Physical address	3 Zuurfontein Road Johannesburg
Postal address:	P.O. Box 311, Kempton Park
Postal code	1620
Telephone/ cell:	+27 11 573 2578
E-mail:	oupa.seopa@kelvinpower.com

2. DETAILS OF LANDOWNER:

(where the applicant is not the landowner or person in control of the land)

Landowner or person in control of the land:	Applicant is landowner
Contact person	Click or tap here to enter text.
Physical address	Click or tap here to enter text.
Postal address:	Click or tap here to enter text.
Postal code	Click or tap here to enter text.
Telephone/ cell:	Click or tap here to enter text.
E-mail:	Click or tap here to enter text.

3. PROJECT DETAILS AND ACTIVITIES APPLIED FOR:

Project title	KELVIN POWER COMBINED CYCLE GAS TURBINE PROJECT , CITY OF EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE
---------------	--

3.1. Activities applied for:

Describe each listed activity in Listing Notices 1, 2 or 3 (GNR 983 -985, 04 December 2014) which is being applied for as per the project description

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.

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.	Dangerous goods stored on site would be chemicals for the water treatment plant and diesel storage. Exact volumes cannot be accurately determined at this stage however the combined storage of all dangerous goods will definitely exceed 80 cubic meters and will definitely be less than 500 cubic meters
60	The expansion and related operation of facilities or infrastructure for the bulk transportation of dangerous goods- (i) in gas form, outside an industrial complex, by an increased throughput capacity of 700 tons or more per day;	A gas pipeline linking the CCGT plant to the Sasol gas pipeline system would be required. The new pipeline fuel consumption will be greater than 700 tons per day.
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.
2	The development and related operation of facilities or infrastructure for the generation of electricity from a non-renewable resource where the electricity output is 20 megawatts or more.	The CCGT plant will generate up to 600MW of electricity.
6	The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding (i) activities which are identified and included in Listing Notice 1 of 2014; (ii) activities which are included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; (iii) the development of facilities or infrastructure for the treatment of effluent, polluted water, wastewater or sewage where such facilities have a daily throughput capacity of 2 000 cubic metres or less; or (iv) where the development is directly related to aquaculture facilities or infrastructure where the wastewater discharge capacity will not exceed 50 cubic metres per day.	An AEL is required for the CCGT. A new WUL may also be required.
9	The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is-	Electricity generated at the Kelvin Power CCGT Plant will be evacuated from the plant by means of new 275kV lines (or possibly cables) with an approximate length of 250 m from the generating plant to the Sebenza 275/88kV

	(a) temporarily required to allow for maintenance of existing infrastructure; (b) 2 kilometres or shorter in length; (c) within an existing transmission line servitude; and (d) will be removed within 18 months of the commencement of development.	Substation located adjacent to the proposed CCGT plant
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.
4	The development of a road wider than 4 metres with a reserve less than 13,5 metres. vii. Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas	The project involves development of access roads wider than 4m, with a reserve less than 13,5 m in areas considered as high agricultural potential land in the Gauteng Agricultural Potential Atlas (land capability class value of 12)

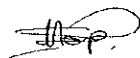
4. PROPERTY DESCRIPTION:

Property Description	RE 391 of Farm Zuurfontein 33.
Town(s) or district(s):	Kempton Park
Physical (street) address of project:	3 Zuurfontein Road Johannesburg

5. CONSENT FROM LANDOWNER OR PERSON IN CONTROL OF THE LAND TO UNDERTAKE THE ACTIVITY/IES:

I, Segotsane Hendrick Seopadeclare that, I:-

1. Am the landowner or person in control of the property described in Section 4 of this document; and
2. That I hereby give consent to the applicant Kelvin Power as described in section 1 of this document to undertake the activity/ies as described in section 3 of this document on the property described in section 4.



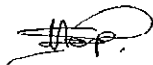
Signature of the landowner or person in control of the land

Wednesday, 14 August 2024

APPENDIX 4 DECLARATION OF APPLICANT

I, Segotsane Hendrick Seopa 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

Kelvin Power (Pty) Ltd

Name of company (if applicable)

14 Aug 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 – NOT APPLICABLE
(WITH CONTACT DETAILS)

(Use this table as a template for information)

Provincial/Local authority:
Contact person:
Postal/Physical address:
Telephone/Cell:
E-mail:

Click or tap here to enter text.
Click or tap here to enter text.
Click or tap here to enter text.
Click or tap here to enter text.
Click or tap here to enter text.

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. 2019/1247

Herewith certifies that

John von Mayer

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



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

I, John von Mayer, 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:

Wednesday, 14 August 2024 |

Date

M.V.
JVM

UNDERTAKING UNDER OATH/ AFFIRMATION

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



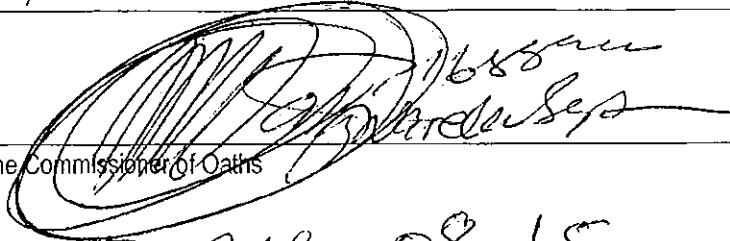
Signature of the registered Environmental Assessment Practitioner

Environmental Impact Management Services (Pty) Ltd

Name of Company

15 / 8 / 2024

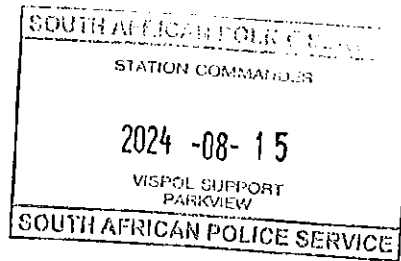
Date



Signature of the Commissioner of Oaths

2024 - 08 - 15

Date



APPENDIX 7A
RENEWABLE ENERGY DEVELOPMENT ZONE MAP – NOT APPLICABLE

APPENDIX 7B
EGI IN STRATEGIC TRANSMISSION CORRIDOR MAP – NOT APPLICABLE

APPENDIX 7C
PRE-NEGOTIATED ROUTE AGREEMENT FOR EGI – NOT APPLICABLE

APPENDIX 7D

MOTIVATION PERTAINING TO THE STANDARD AS PER GNR 2313 – NOT APPLICABLE

**Motivation for the development not falling within the Standard supplied as APPENDIX 7D
(GNR 2313)**

In addition to the new plant that would be constructed on the Kelvin site, an electrical connection to an CityPower Sebenza substation located adjacent to the site will be required. Although the project includes potential expansion of the Sebenza substation and falls within the geographic area identified in the standard the main component of the project is the CCGT plant which is not included in the standard. It is EIMS' understanding that the standard is only applicable for expansion of power lines and substations. Therefore the main component of the activity does not form part of the standard and a full Scoping and EIA process will be undertaken for the CCGT plant and associated infrastructure.

APPENDIX 7E
EGI IN RENEWABLE ENERGY DEVELOPMENT ZONE MAP – NOT APPLICABLE

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) |

LIST OF SGIDS AND COORDINATES

Zuurfontein Farm 33-IR portion 391 R/E	T	0	I	R	0	0	0	0	0	0	0	0	0	0	3	3	0	0	3	9	1
Zuurfontein Farm 33-IR portion 82 RE	T	0	I	R	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	8	2
	1	2			3			4			5										

Listed Activity Co-Ordinates

Activity No(s):	Co-Ordinates for activity	LATITUDE (S)			LONGITUDE (E)		
		DEG	MIN	SEC	DEG	MIN	SEC
LN1, Activity 11	Start	26	6	52.30	28	11	31.49
	Middle	26	6	53.41	28	11	31.05
	End	26	6	54.30	28	11	28.64
LN1, Activity 60	Start	26	6	50.52	28	11	53.96
	Middle	26	6	45.49	28	11	41.98
	End	26	6	41.72	28	11	34.54
LN2, Activity 2	Preliminary location of gas turbine unit:	26	6	46.39	28	11	30.32
LN2, Activity 4		Exact co-ordinates for diesel storage still to be confirmed and will be confirmed at the EIA phase.					
LN2, Activity 6	Preliminary location of gas turbine unit:	26	6	46.39	28	11	30.32
LN3, Activity 4		Length and location of new access roads still being determined and will be confirmed at the EIA phase.					

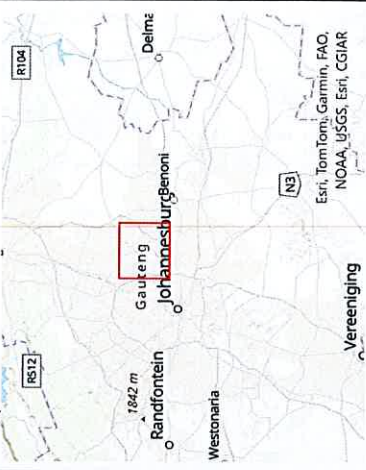
**APPENDIX 10
LOCALITY MAP**

Locality Map

1607 Kelvin Power Station CCGT EIA WULA

Legend

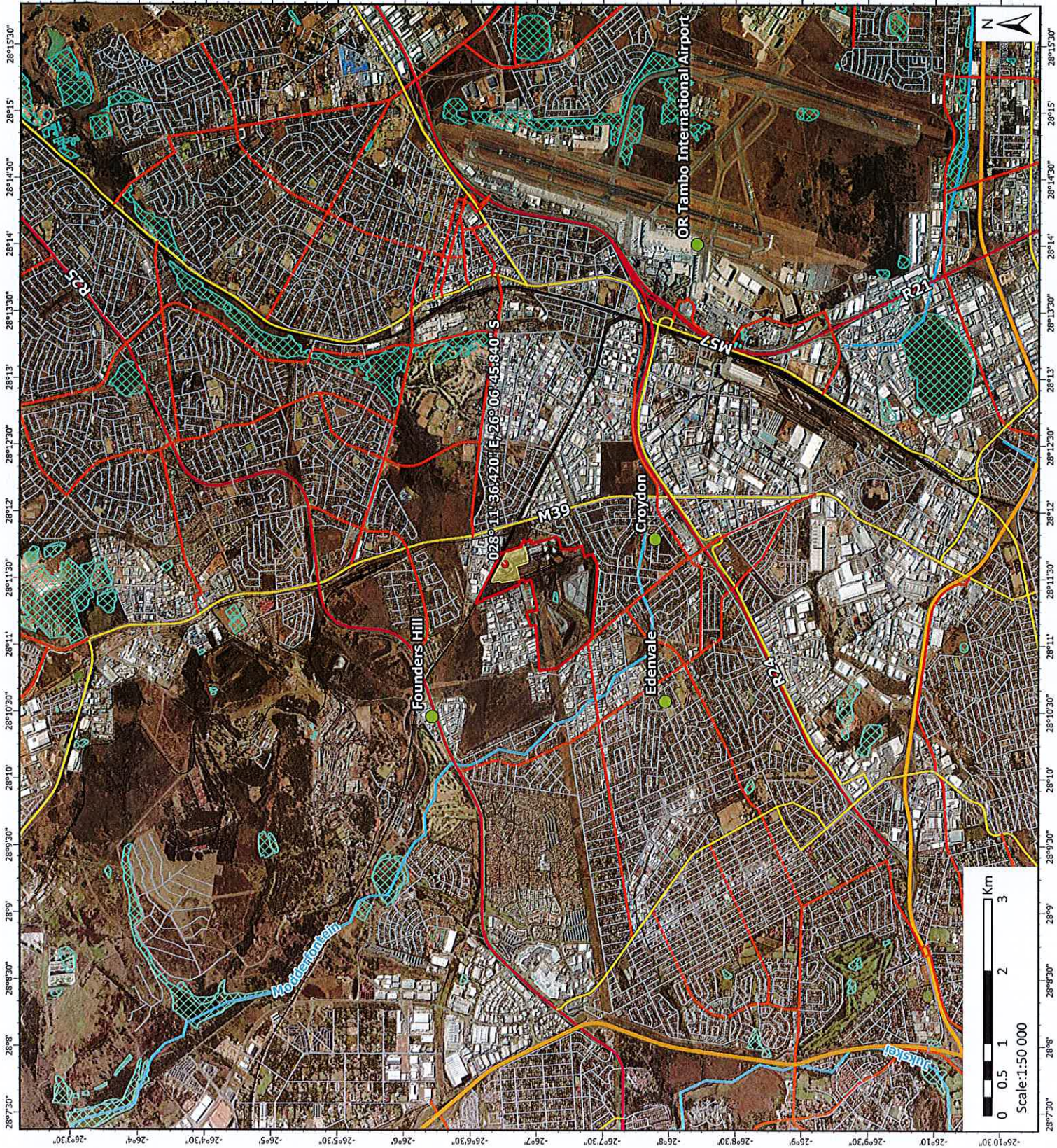
- Kelvin Power Station Boundary
- Proposed Kelvin CCGT Power Plant
- Centre Point of Site
- NFEPA Rivers
- NFEPA Wetlands
- Places
- Railway
- Roads**
 - National Freeway
 - Arterial Route
 - Secondary Road
 - Main Road
 - Street



Data Sources:

CSG; ESRI
Coord System: GCS WGS 1984
Datum: WGS 1984
Units: Degree
Ref: 1607_Locality_1




Date: 2024/03/08
EIMS Ref: 1607
Compiled: JW
Reviewed: JP
Approved: LW

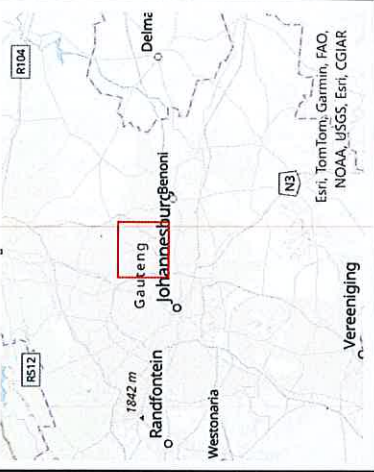


Listing Notice 3 Applicability Map

1607 Kelvin Power Station CCGT EIA WULA

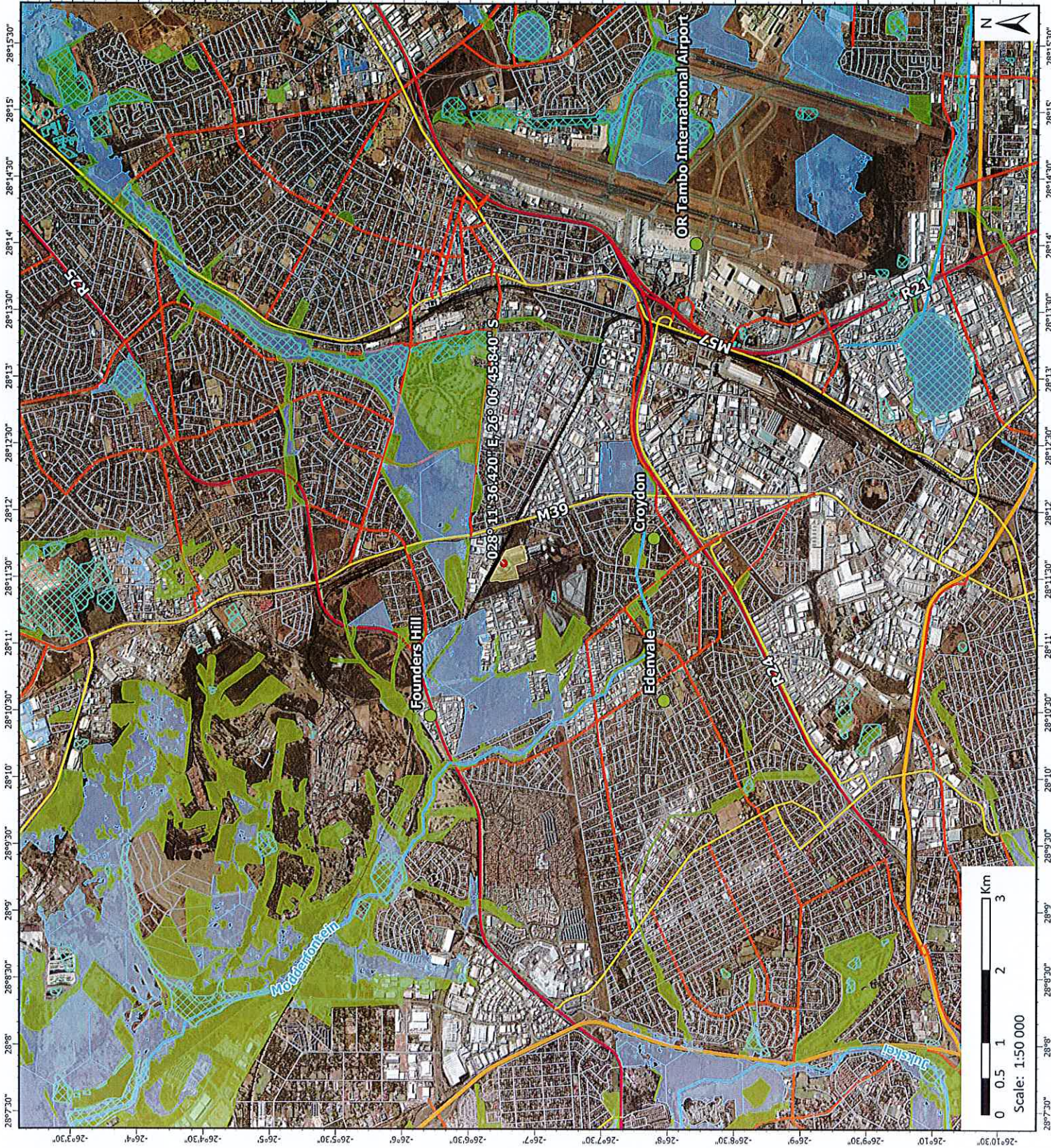
Legend

-  Proposed Kelvin CCGT Power Plant
-  Centre Point of Site
-  NFEPA Rivers
-  NFEPA Wetlands
-  Places
-  Railway
- Roads**
-  National Freeway
-  Arterial Route
-  Secondary Road
-  Main Road
-  Street
- Gauteng Conservation Plan**
-  CBA
-  ESA

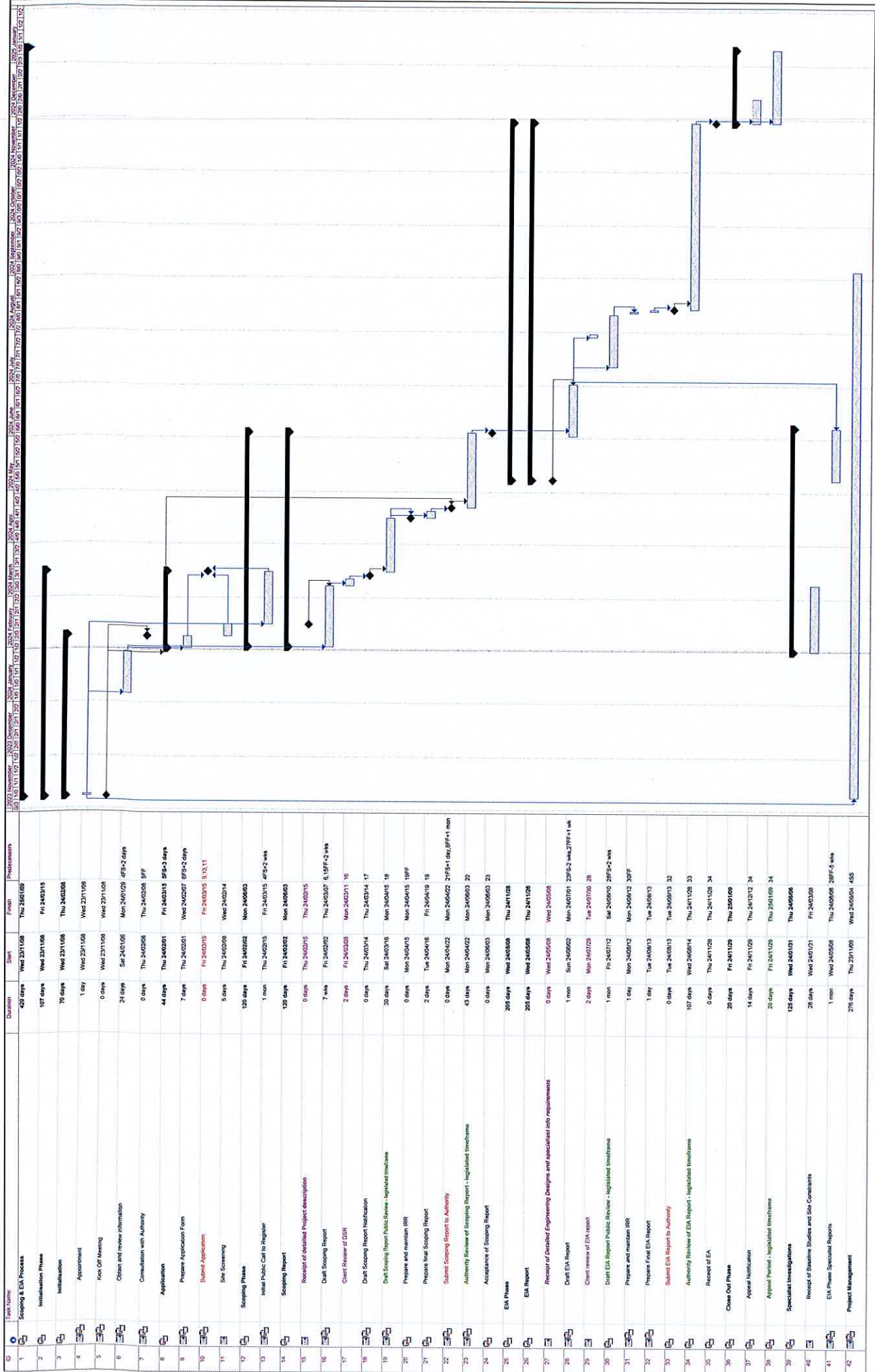


Data Sources:
 CSG; ESRI
 Coord System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Ref: 1607_LN3

Date: 2024/03/08
 EIMS Ref: 1607
 Compiled: JW
 Reviewed: JP
 Approved: LW



APPENDIX 11
PROJECT SCHEDULE



APPENDIX 12
SECTION 50(5) OF NEM:PAA APPROVAL – NOT APPLICABLE

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

1607 Kelvin Power Station CCGT EIA WULA

CaseDetails

Summary

Case ID: 22086
Case Status: SUBMITTED
Heritage Authority(s): SAHRA

Proposal Description
 The applicant wishes to develop a Combined Cycle Gas Turbine (CCGT) Power Plant at the Kelvin Power Station. The net output will be approximately 600 megawatts. The CCGT Power Plant will comprise of one H class gas turbine, a heat recovery boiler and a steam turbine. The main structures comprising the plant include a gas turbine building, steam turbine building, water treatment plant, heat recovery steam generator, mechanical draft cooling tower, EHV substation, exhaust stack, auxiliary buildings and administration buildings. Other possible infrastructure includes additional water and treated sewage wastewater supply pipelines, as well as electricity transmission lines to the CityPower Sebenza substation adjacent to the power station.

The proposed project is located on Zuurfontein Farm 33-IR portion 391 R/E, Ekurhuleni Metropolitan Municipality, Gauteng Province. The site is approximately 4km West South West of Kempton Park CBD. The centre point of the site is approximately 26° 6'03.94584" S, 28° 11'03.93642" E.

Province(s): Gauteng
Author: cheyanne.muthu...
Post date: 28/02/2024 - 13:16
Last modified: 28/02/2024 - 13:16

Application Form Submissions

SAHRA_S38_Development_Application_Form_Submission_#567

Location

Location



Messages X

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:

Project name: Kelvin Power Station CCGT

Project title: Kelvin Power Station CCGT EIA

Date screening report generated: 08/02/2024 12:11:04

Applicant: Kelvin Power

Compiler: John von Mayer

Compiler signature:



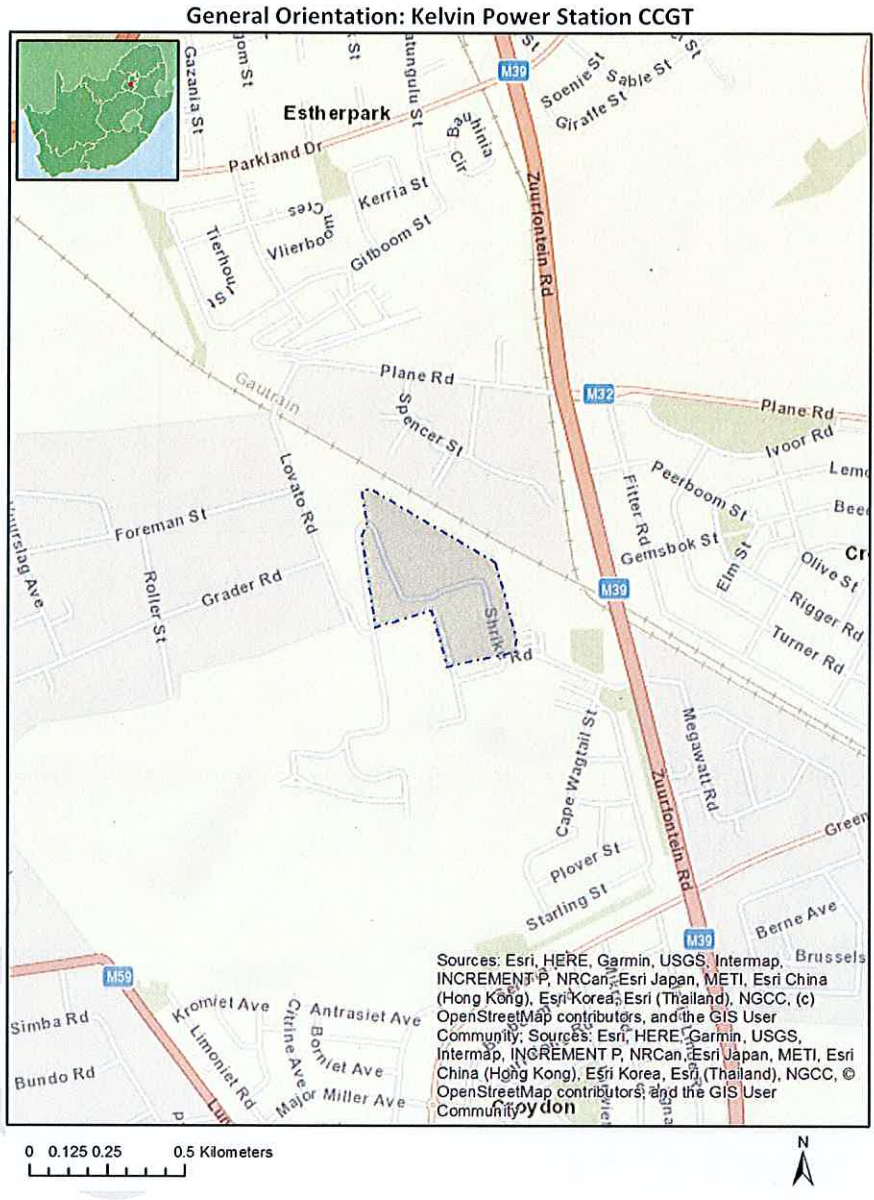
Application Category: Utilities Infrastructure | Electricity | Generation | Non
Renewable | Hydrocarbon | Petroleum

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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	ZUURFONTEIN	33	0	26°6'1.88S	28°12'22.41E	Farm
2	ZUURFONTEIN	33	391	26°6'50.15S	28°11'29.75E	Farm Portion

Development footprint¹ vertices:

Footprint	Latitude	Longitude
1	26°6'40.39S	28°11'28.25E
1	26°6'39.84S	28°11'28.29E
1	26°6'39.87S	28°11'29.15E
1	26°6'46.67S	28°11'42.05E
1	26°6'53.54S	28°11'44.29E
1	26°6'54.02S	28°11'44.22E
1	26°6'54.74S	28°11'44.28E
1	26°6'54.93S	28°11'44.24E
1	26°6'56.32S	28°11'37.04E
1	26°6'51.05S	28°11'35.44E
1	26°6'52.67S	28°11'29.58E
1	26°6'44.34S	28°11'28.14E
1	26°6'43.24S	28°11'28.7E
1	26°6'40.39S	28°11'28.25E

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 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 | Generation | Non Renewable | Hydrocarbon | Petroleum.

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-Central corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf
Air Quality-Highveld Priority Area	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/HIGHVELD_PRIORITY_AREA_AQMP.pdf
Gauteng EMF-Urban development zone 1	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Zone1_2021.pdf
Gauteng EMF-Industrial and large commercial focus zone 5	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Zone5_2021.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	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
3	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
4	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
5	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Terrestrial Biodiversity Assessment Protocols.pdf
6	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Aquatic Biodiversity Assessment Protocols.pdf
7	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
8	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Noise Impacts Assessment Protocol.pdf
9	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
10	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
11	Climate Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
12	Health Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
13	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
14	Ambient Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
15	Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf

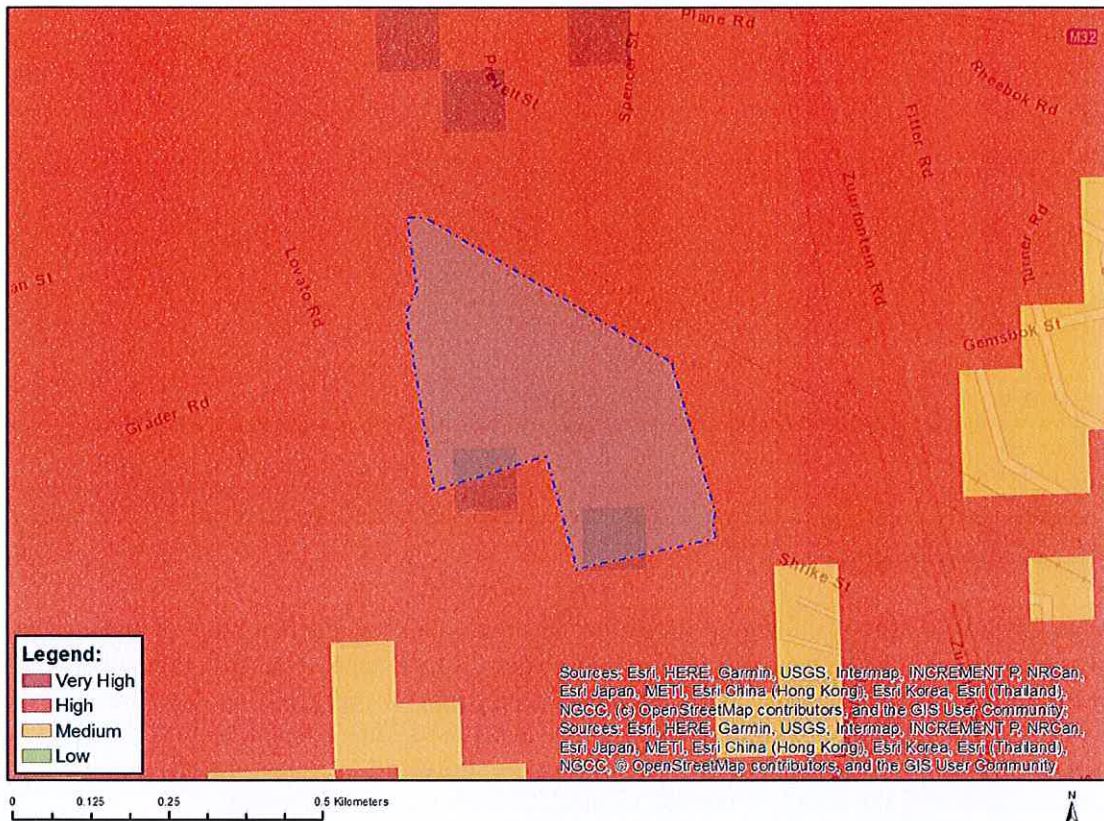
16	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Plant Species Assessment Protocols.pdf
17	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Animal Species Assessment Protocols.pdf

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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

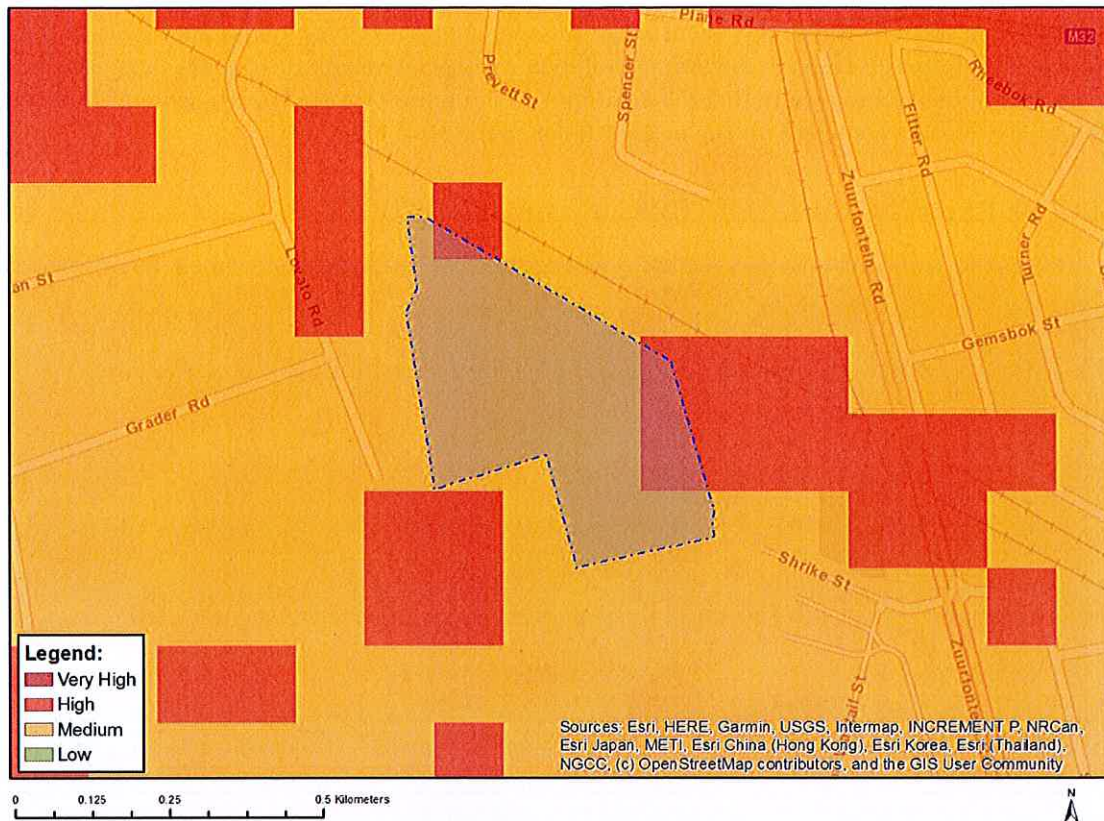


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High
Very High	Land capability;11. High/12. High-Very high/13. High-Very high/14. Very high/15. Very high

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



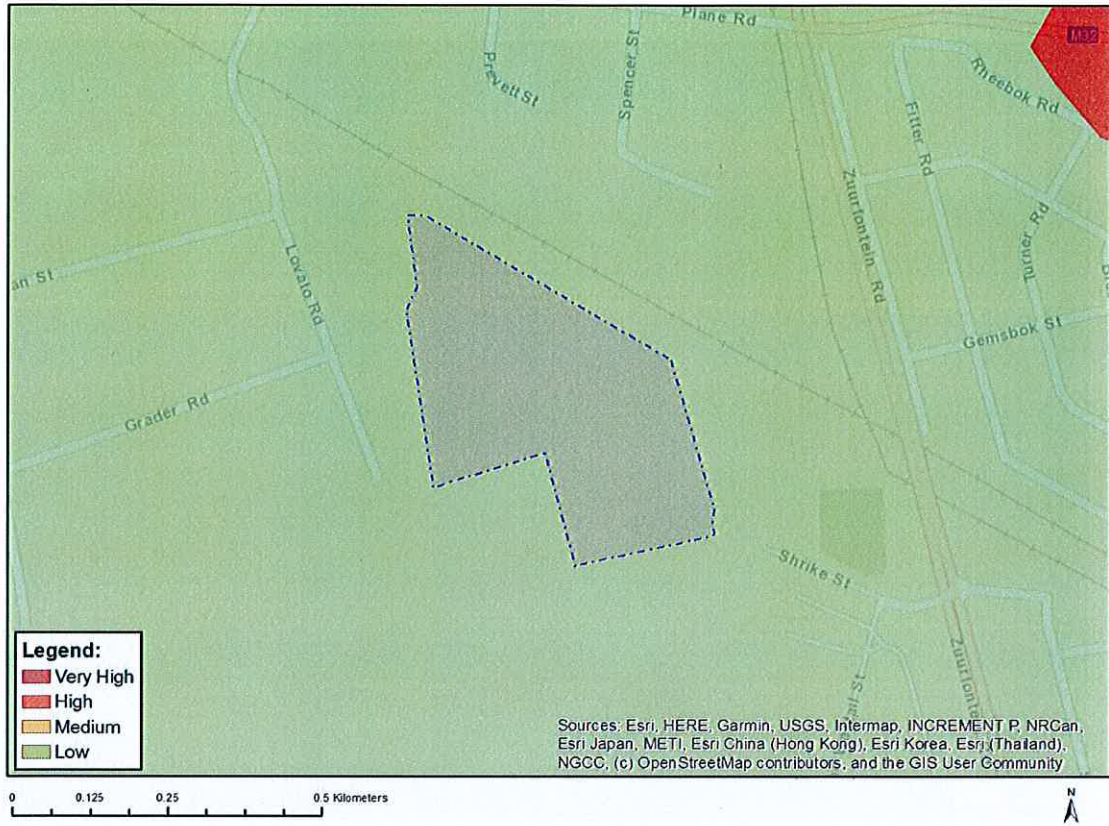
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at aiadatarequests@sanbi.org.za listing all sensitive species with their 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-Tyto capensis
Medium	Mammalia-Chrysospalax villosus
Medium	Mammalia-Crocidura maquassiensis
Medium	Mammalia-Dasymys robertsii
Medium	Mammalia-Hydrictis maculicollis
Medium	Mammalia-Ourebia ourebi ourebi
Medium	Invertebrate-Clonia uvarovi

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

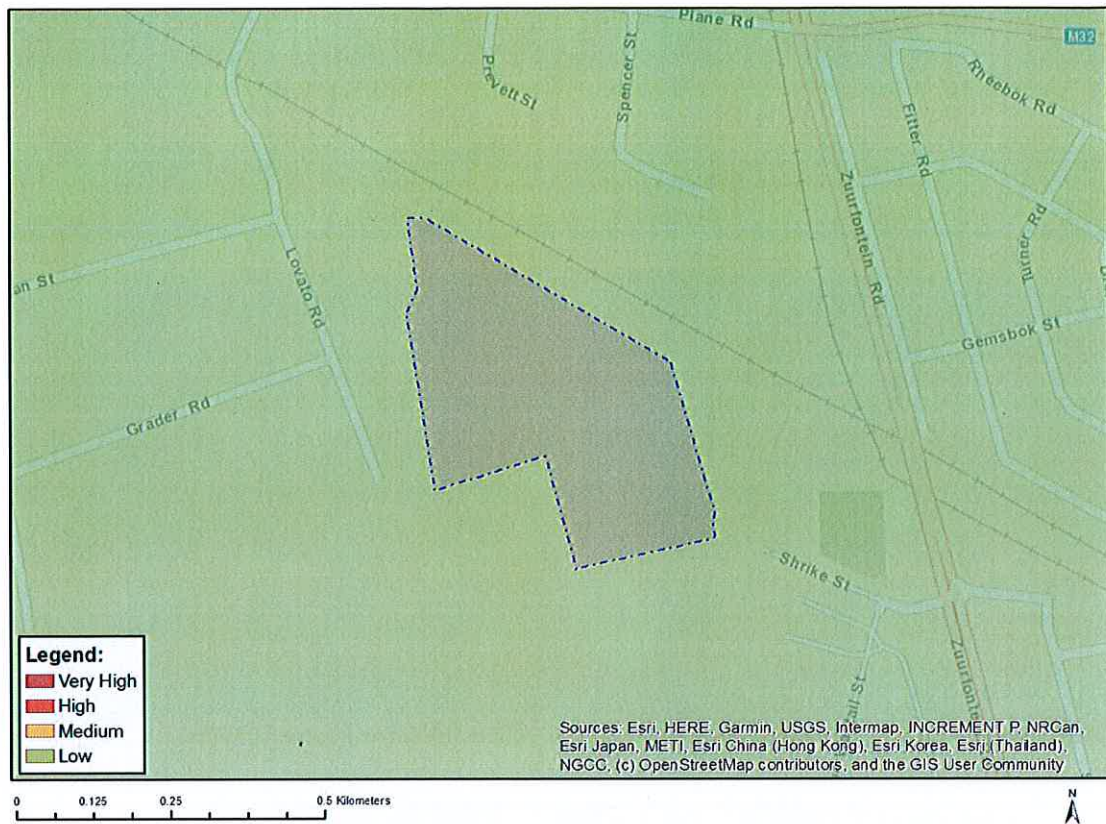


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

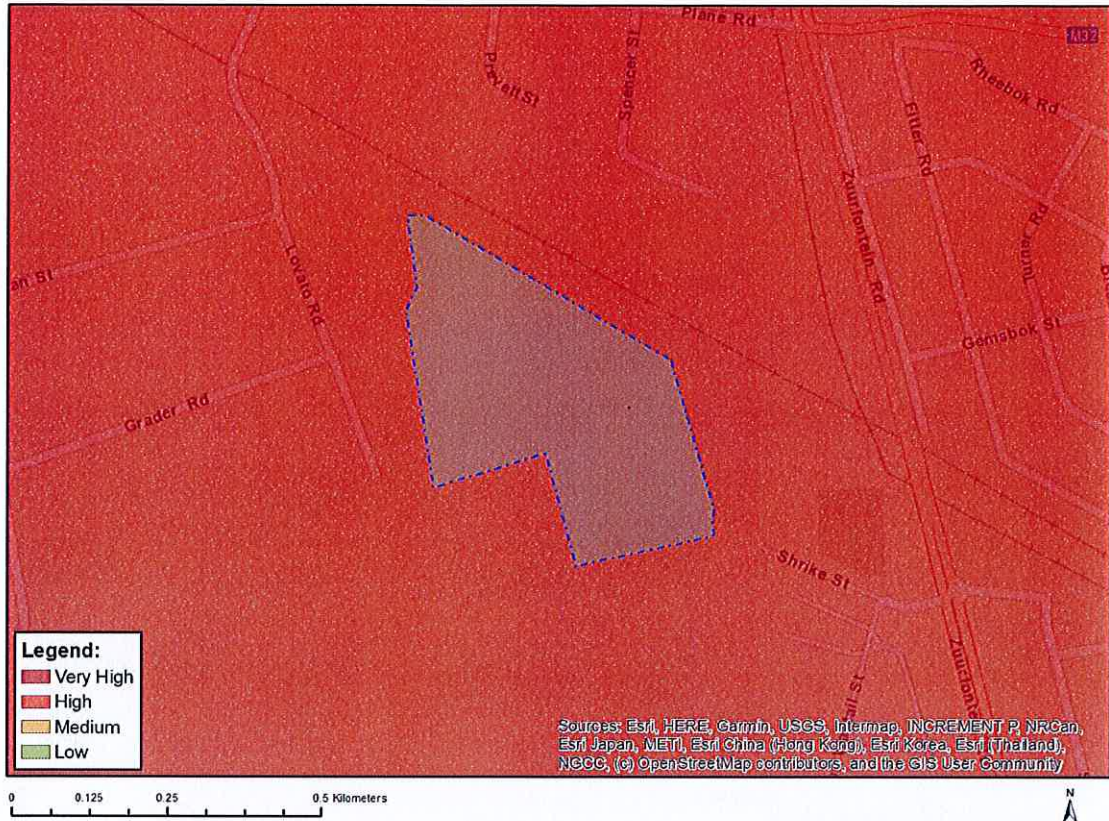


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

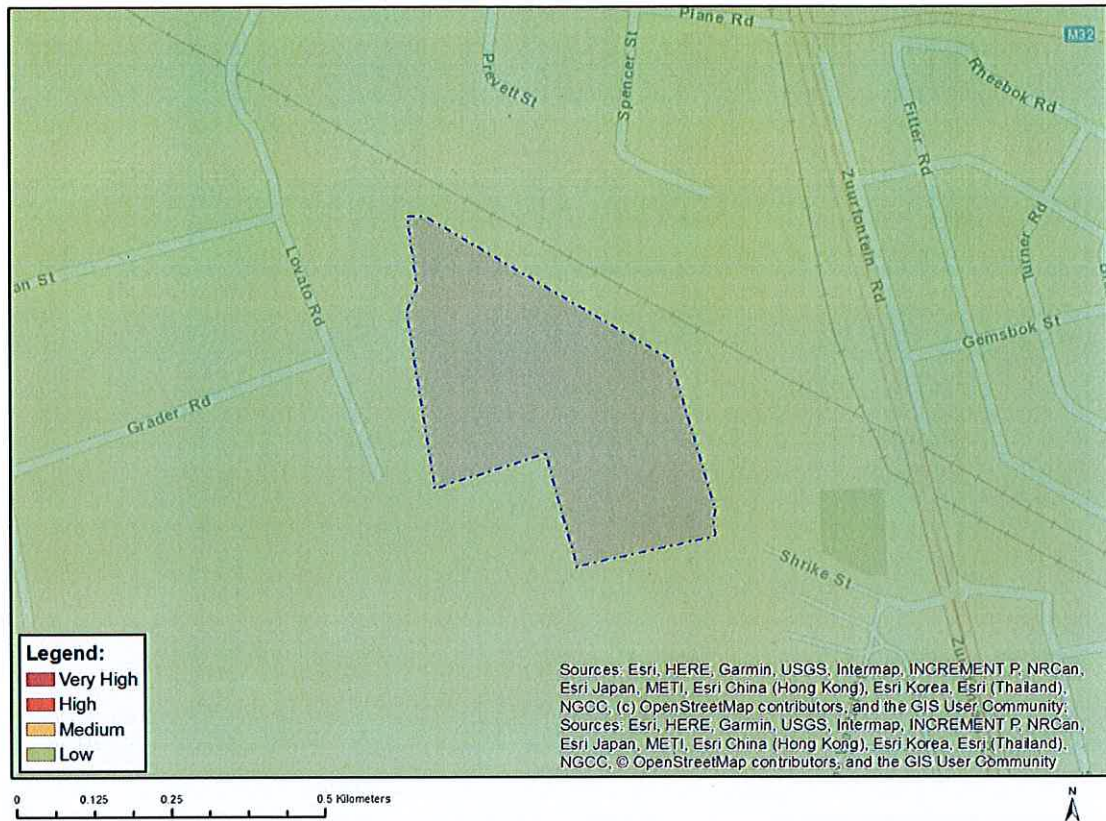


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 15 km of a civil aviation radar
High	Within 8 km of other civil aviation aerodrome
Medium	Within 5 km of an air traffic control or navigation site
Very High	Within 8 km of a major civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

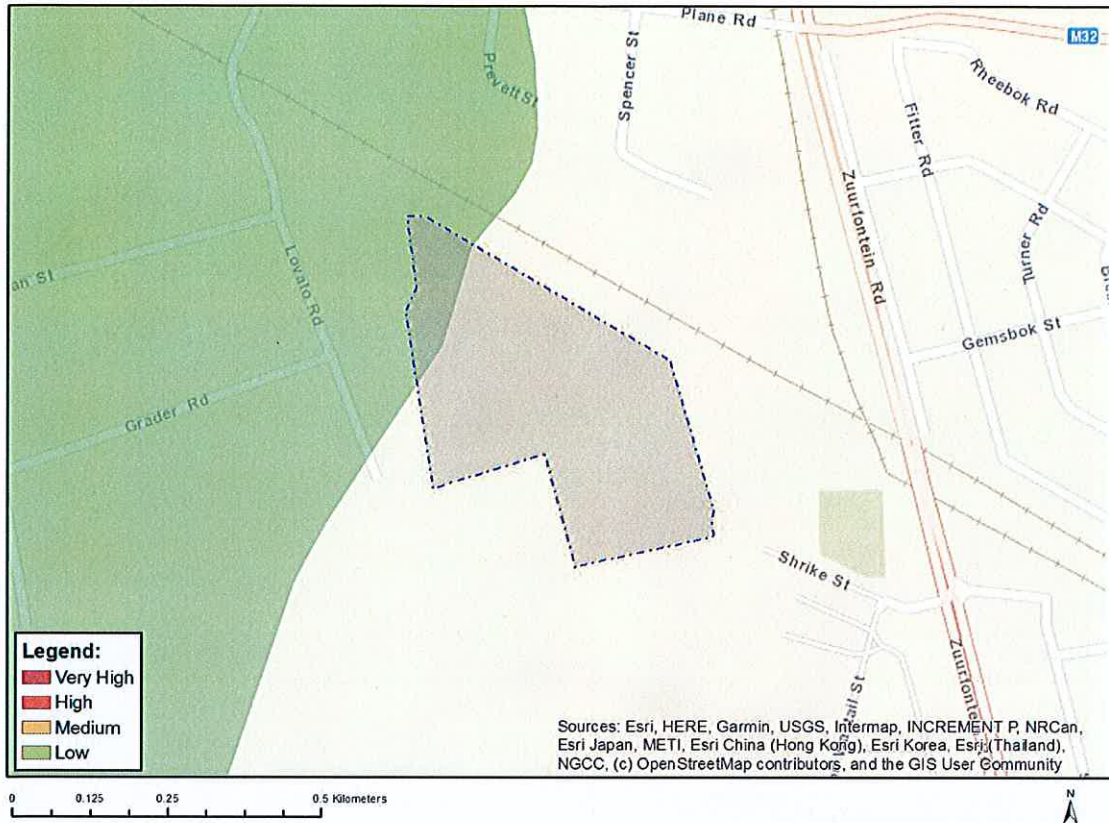


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

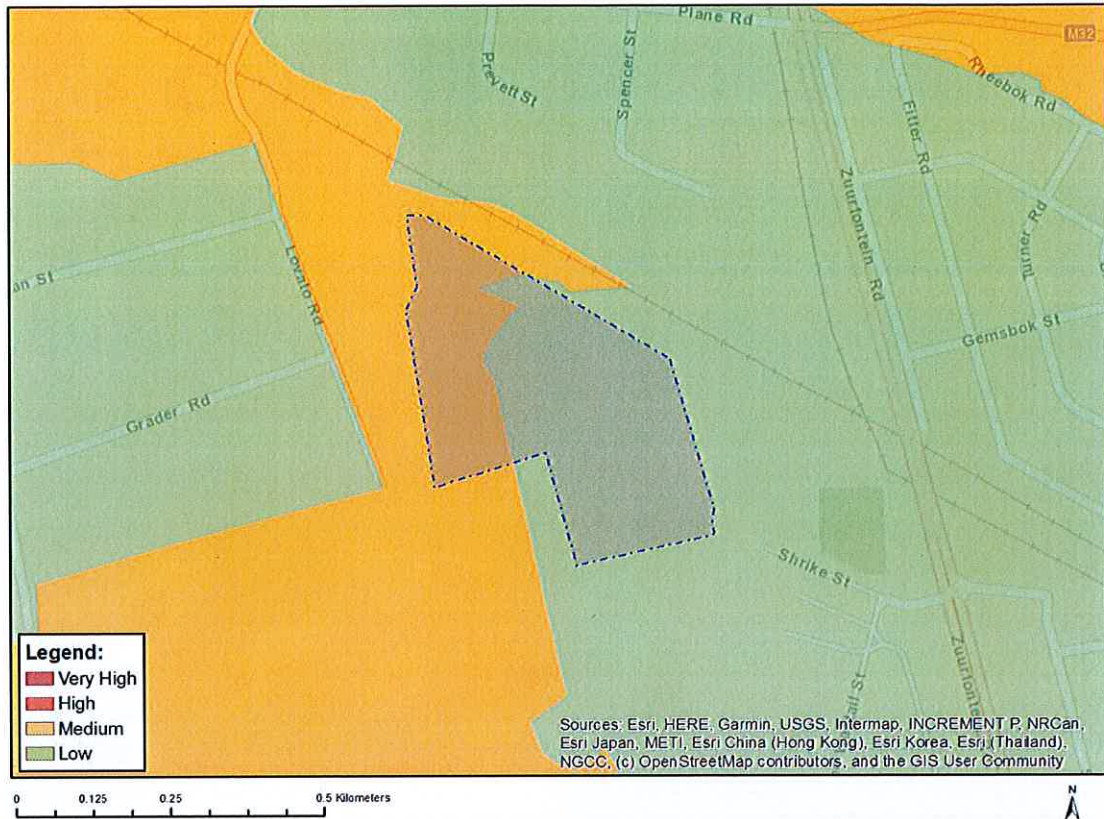


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Features with a Low 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)
Low	Low Sensitivity
Medium	Sensitive species 1147
Medium	Brachycorythis conica subsp. transvaalensis
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 1
Very High	ESA 2

APPENDIX 15
OTHER – NOT APPLICABLE