

Annexure C: Environmental Authorisation Application form



forestry, fisheries & the environment

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

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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*)

The proposed reinstatement of the low-level dam spillway and construction of weir structure at Duvha Power Station in Emalahleni Local Municipality, Nkangala District in Mpumalanga 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 ☐	NO ☒
Date of the pre-application meeting	N/A – DFFE advised that a pre-application meeting is not required unless the EAP is facing challenges to submit an EIA application. Proof is attached within Appendix 1.	
Reference number of pre-application meeting held	2025-07-0017	
Were minutes compiled and submitted to the Department for approval	YES ☐	NO ☒
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 (DDFE) is the Competent Authority (CA).
- 1.4. The required information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).
- 1.5. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the Competent Authority. Upon request during any stage of the application process, the Applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
- 1.6. This application form is current as of August 2023. It is the responsibility of the Applicant/Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are accessible at <https://www.dffe.gov.za/documents/forms/legal>
- 1.7. The onus is on the Applicant/EAP to confirm whether DFFE is the Competent Authority to which this application must be submitted (Section 24C of NEMA) and to determine all applicable listed activities that would require Environmental Authorisation prior to the commencement of the construction activities. Should any revision of your development comprise any other activities that constitute a listed activity/ies as defined in Listing Notice 1, 2, or 3 of the EIA Regulations, 2014 as amended, it must also form part of the Application for Environmental Authorisation.
- 1.8. An application for Environmental Authorisation lapses if the applicant fails to meet any of the timeframes prescribed in terms of the EIA Regulations, 2014, as amended.
- 1.9. An application for environmental authorisation **must** be accompanied by a report generated by the web based environmental screening tool (in [APPENDIX 14](#)). This has been stipulated as a requirement for the submission of applications for environmental assessment in the Environmental Impact Assessment Regulations. The Screening Tool allows for the generation of a Screening Report referred to in Regulation 16(1)(b)(v) of the Environmental Impact Assessment Regulations 2014, as amended, whereby a Screening Report is required to accompany any application for Environmental Authorisation.
- 1.10. If applicable, written confirmation that the CA has granted permission for the combination of application(s) for an environmental authorization in terms of the provisions of sub-regulation 11(1) of the EIA Regulations, 2014, as amended, must be attached to this application form (under [APPENDIX 15](#)).

2. Administrative Requirements:

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

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

Competent Authority Details

Online Submission only:

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

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

Physical address:

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

For Submission enquiries: Contact the Directorate: IEA Strategic Support, Coordination and Reporting at:

Email: EIApplications@dffe.gov.za

For EIA related implementation queries:

Email: EIAAdmin@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 DFFE has been identified as the competent authority for the proposed project, since the applicant is a parastatal (Eskom). As the national energy resource department, the DMRE's mandate, which in accordance with Section 24C of NEMA, requires that environmental authorisation be obtained from the national DFFE.
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 ☐	NO ☒
Payment Reference Number	NA	
Exclusion in terms of Regulation 2(a) or 2(b) of GNR 141 of 28 February 2014 (Fee Regulations)	YES ☒	NO ☐

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

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

Payment/Refund Enquiries: Email: EIAAdmin@dffe.gov.za	
Banking details:	
Bank	ABSA Bank
Branch code	632005
Account number	1044 2400 72
Account Type	Current account

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Reference number: Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude

e.g. -33.918861/18.423300

Status: Tax exempted

3. GENERAL INFORMATION

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

The proposed reinstatement of the low-level dam spillway and construction of weir structure at Duvha Power Station in Emalahleni Local Municipality, Nkangala District in Mpumalanga Province

Title	Mr
Name of the Applicant	Lourence
Surname of the Applicant	Chauke
Name of contact person for applicant (name and surname) (if other)	Lourence Chauke
Company/ Trading name (if any)	Eskom Holdings SOC Ltd: Duvha Power station
Company Registration Number	2002/015527/30
Physical address	Duvha Power Station, Speekfontein, 3375 JS, Middelburg District, Old Bethal Road
Postal address	PO Box 2199 Witbank
Postal code	1035
Telephone	013 691 6300
Cellphone	082 455 1058
E-mail	ChaukeTL@eskom.co.za

Name of the Landowner	Eskom Holdings SOC Ltd
Surname of the Landowner	Lourence Chauke
Postal address	PO Box 2199 Witbank
Postal code	1035
Telephone	013 691 6300
Cellphone	082 455 1058
E-mail	ChaukeTL@eskom.co.za

Name of the Person in control of the land	Eskom Holdings SOC Ltd
Surname of the Person in control of the land	Lourence Chauke
Postal address	PO Box 2199 Witbank
Postal code	1035
Telephone	013 691 6300
Cellphone	082 455 1058
E-mail	ChaukeTL@eskom.co.za

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

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

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

Provincial Environmental Authority:	Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs ("MDARDLEA")
Name of contact person in Environmental Section (name and surname)	Charity Mthimunye
Postal address	Private Bag x 11219 Nelspruit
Postal code	1200
Telephone	013 766 6082
Cellphone	064 959 4498 / 072 588 6760
E-mail	cnmthimunye@mpg.gov.za

Local Municipality	Emalahleni Local Municipality
Name of contact person in Environmental Section (name and surname)	Erald Nkabinde
Postal address	P.O Box 3 eMalahleni
Postal code	1035
Telephone	013 690 6350
Cellphone	072 596 4904
E-mail:	nkabindeej@emalahleni.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)	Shangoni Management Services
EAP name and surname	Lee-Anne Fellowes
EAP Qualifications and Professional affiliations	B-Tech degree in Nature Conservation South African Council for Natural Scientific Professions (SACNASP) – Registration Number: 115574 Environmental Assessment Practitioners Association of South Africa (EAPASA) – Registered Environmental Assessment Practitioner: 2019/850
Physical address	Unit C8 Block@Nature 472 Botterklapper Street Die Wilgers Pretoria 0080
Postal address	P.O Box 74726 Lynwood Ridge

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Postal code	0080
Telephone	012 807 7036
Cellphone	082 456 3208
E-mail	leeanne@shangoni.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* ☒	NO** ☐
If “No**” provide proof of appointment letter clearly depicting appointment before the 08 August 2022 as per GNR 1733, Amendment of Section 24H Registration Authority Regulations, 2016, 7 February 2022. If you do not attach this proof, you may not commence further with the application, kindly refer to Section 24H Registration Authority Regulations, 2016, as amended.	Attached as APPENDIX 6A	
If “Yes*” please provide a valid certificate of registration (Please attach under APPENDIX 6B) Note that this will be verified with EAPASA.	Attached as APPENDIX 6B	
Please provide valid EAPASA Registration number.	2019/850	

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):

Shangoni Management Services (“Shangoni”) has been appointed by Eskom Holdings SOC Ltd: Duvha Power station (“Duvha power station”) to conduct Basic Assessment (“BA”) and General Authorisation (“GA”) Processes as part of the application for the reinstatement of the low-level dam spillway at Duvha power station. Duvha power station is located east of Witbank Dam at approximately 15 km east of Witbank town under the Jurisdiction of Emalahleni Local Municipality (“ELM”) and the Nkangala District Municipality (“NDM”) within the Mpumalanga Province. The power station has been operational for over 40 years and consists of six 600 MW units with a total installed capacity of 3,600 MW operating with a turbine Maximum Continuous Rating of 37.6%. Duvha Power Station produces wet ash which is pumped into an Ash Dam. The settled water is then decanted into the Low-Level Dam (“LLD”) before it is pumped back to the station for reuse. The LLD is an off-channel storage dam used to store ash water. Additionally, the LLD is also used to collect all contaminated storm water from the ash dam, station and the surrounding area with a capacity of 811 240 m³ at the spillway level of 7.2 m. The LLD spillway currently has a width of 10 m as opposed to the design width of 110 m, this is due to a berm constructed along the spillway in the past. The spillway size needs to be reinstated to its original capacity which was based on the Safety Evaluation Discharge (“SED”) for a Category II dam. The following activities will be undertaken as part of the reinstatement of the LLD spillway: • Spillway re-instatement

The original spillway width was 110 m, however an earth berm was constructed which reduced the size of the spillway to current width of 10 m. The design of the spillway has been optimized and upgraded and will now have a width of 62 m to accommodate a maximum capacity of approximately 130 m³/s which is equivalent to the SED:

- Excavate the berm up to invert level 1562.61 over a length of 62 m toward the southern direction referencing from the existing spillway headwall. The excavated material will be used as backfill for area on section 3.1.2 of the scope.
- Rip and compact the in-situ material to at least 95% Mod AASHTO to a depth of 150 mm.
- Cast in reinforced concrete sill up to a finish floor level (FFL) of 1562.61, The concrete sill should be 500 mm x 600 mm x 62 m.
- Raise the spillway headwall with brick masonry to contour level 1563.86. A double brick masonry (230 mm) wall – 3 layers of bricks built on top of existing headwall.

- Construction of concrete weir structure

A man-made breach section has been created at the diving berm (between dirty and clean water areas) to allow water to flow downstream in an event of a high storm. A concrete weir structure must be constructed at the position of man-made breach for proper management of flow when the dam spill in the event of floods >1:50-years and to prevent soil erosion by engaging in the following activities:

- Excavate the existing diving berm for a width of 34 m up to counter level 1561.86.
- Rip and compact the in-situ material to at least 95% Mod AASHTO to a depth of 150 mm.
- Construction of a new concrete weir structure.
- Construction of a new retaining walls for embankment protection using terra block or similar.
- Backfill all low sections of the dividing berm as indicated on long section using material excavated from the LLD spillway section.
- Install Reno mattress protection downstream of the weir structure for a width of 2 m.
- Shape the downstream channel of the weir structure by installing (laying) the Armoflex protection.

- LLD Dam Crest

The LLD crest was surveyed and settlement of about 3% has occurred which is currently resulting in an uneven surface profile, reducing the dam's freeboard. In order to rectify the settlement and to reinstate adequate freeboard a new wearing course of approximately 300 mm gravel topping must be applied. The layer must be compacted to at least 92% Mod AASHTO with a 2% cross fall towards the upstream (water) side, to prevent standing and ponding water on the crest, after rainfall..

- Temporary laydown area

A Temporary laydown area of 252 m² is required to store material for the re-instatement of the LLD Spillway. The temporary laydown area will be located west of the existing infrastructure and adjacent to an access road. The temporary laydown area is not located close to any natural wetland and is thus unlikely to have an impact on any watercourse.

The dimensions are as follows:

Structure	Width(m)	Length(m)	Footprint m ²	Height(m)
Spillway	10	62	620	0.6
Weir structure	1	34	34	2
Reno mattress	2	34	68	0.3
Armoflex	34	62	2108	0.15
Retailing walls	1	3.5	3.5	2
Temporary laydown area	14	18	252	
Total			3085.5	

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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 ☐	Attached as APPENDIX 7B
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 ☐	Attached as APPENDIX 7C
Does the project form part of the Standard as per GNR 2313	YES* ☐	NO** ☒
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 .		
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 ☐	NO ☐
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 ☐	NO ☐
Where the greater part of the proposed infrastructure falls outside any strategic transmission corridor.	YES ☐	NO ☐
Motivation for the development not falling within the Standard supplied as APPENDIX 7D	YES ☐	NO ☐
<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>		
Does the project form part of the Electricity Grid Infrastructure (EGI) in a REDZ as per GN 145?	YES* ☐	NO ☒
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 ☐	Attached as APPENDIX 7E

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• 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 ☐	Attached as <u>APPENDIX 7F</u>
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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* ☐	NO ☒
If "YES"		
Confirm Strategic Gas Pipeline Corridor (SGPC) as per GNR 143	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 SGPC mentioned above. Use the "Print Map" feature available in the Screening tool to create a map as required.	YES ☐	Attached as APPENDIX 7G
Attach a pre-negotiated route with the landowner(s) as per Reg 3 of GNR 411. (See template attached to this Application form)	YES ☐	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* ☐	NO ☒
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	☐	42	Services/Waste Management Services/Disposal facilities - General	☐
2	Infrastructure /Transport Services/Roads – Private	☐	43	Services/Waste Management Services/Treatment facilities - Hazardous	☐
3	Infrastructure /Transport Services/Rail – Public	☐	44	Services/Waste Management Services/Treatment facilities - General	☐
4	Infrastructure /Transport Services/Rail – Private	☐	45	Services/Waste Management Services/Storage Facilities - General	☐
5	Infrastructure /Transport Services/ Airport/Runways/Landing Strip/Helipad - Commercial	☐	46	Services/Waste Management Services/Storage Facilities - Hazardous	☐
6	Infrastructure /Transport Services/ Airport/Runways/Landing Strip/Helipad - Private	☐	47	Services/Waste Management Services/Storage Facilities - Nuclear	☐
7	Infrastructure /Transport Services/ Airport/Runways/ Landing Strip/Helipad - Public Services	☐	48	Services/Burial and cemeteries - Cemeteries	☐
8	Infrastructure /Transport Services - Ports	☐	49	Services/Burial and cemeteries - Cremators	☐

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

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

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 ☐	NO ☒
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	NA	

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7. SITE DESCRIPTION

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

Province/s	Mpumalanga Province
District Municipality/ies	Nkangala District Municipality
Local Municipality/ies	Emalahleni Local Municipality
Ward number/s	19
Nearest town/s	Witbank
Farm name/s and number/s	DUVHA KRAGSTASIE No. 337 JS Transvaal
Portion number/s	Portion 0

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	J	S	0	0	0	0	0	0	0	0	0	3	3	7	0	0	0	0	0
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
Low Level Dam Spillway	°25	'55	"30.19	°29	'20	"31.25
Weir Structure	°25	'55	"27.92	°29	'20	"30.59
	°	'	"	°	'	"

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

Locality map and Project Plan:

Locality map:	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: - 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
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DDFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

	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)	A project schedule must be submitted as APPENDIX 11, and must include relevant milestones for: - 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). 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.

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.
Activity12	The development of— (ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs— (a) within a watercourse. (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.	Duvha proposes to re-instate a spillway (width of 10 m x length of 62 m) (620 m ²) on the Low-Level Dam and construct a weir (34 m x 1 m) (34 m ²) within 32 metres of a watercourse.
Activity 19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse.	Certain sections of the spillway will cut through the riparian areas of the LLD dam, as such, infilling or depositing of 10 m ³ or more may be disturbed during construction and operational phase (spillway (width of 10 m x length of 62 m) (620 m ²) and weir (34 m x 1 m) (34 m ²).
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
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.

DDFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

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

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 will be conducted in terms of Regulations 19 and 39 to 44 of the EIA Regulations, 2014. This will include the following: • Identification of stakeholders, including occupiers of land adjacent to the proposed site, municipal officials and relevant State Departments as part of the Public Participation Process. All respondents will then be placed on the project database. The database will be used throughout the process to inform the stakeholders of the project. • Initial notification letters to inform the interested and affected parties of the project. • Site notices, size A2 advertising the proposed development and displaying the contact details of the EAP will be prepared and displayed on-site. The site notices serve the purpose of informing potential I&APs of the project and therefore afford them the opportunity to comment. • Distribution of the notification letters with a registration and comment sheet and the locality map to state departments and other potential stakeholders through emails. • An advert will be placed in a local newspaper to notify the public about the Basic Assessment process and invite members of the public to register as I&APs on the project's database.

- Communication with local authorities and stakeholders.
- A copy of the Draft Basic Assessment Report will be made available for public review for a 30-day review period.
- Any comments received during the review period of the Draft Basic Assessment Report as well as responses provided will be captured and recorded within the Comments and Response Report in the Final Basic Assessment Report that will be submitted to DFFE.
- Public Meeting during review periods.
- DFFE decision on Environmental Authorisation: The registered I&APs, stakeholders and organs of state will be notified of the department's decision.

DDFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

10. OTHER AUTHORISATIONS REQUIRED

Are there any other applications for Environmental Authorisation on the same property?		YES ☐	NO ☒
If YES, please indicate the following:			
Competent Authority	Department of Water and Sanitation		
Application Reference Number	WU43640		
Project Name	Reinstatement of The Low-Level Dam Spillway at Duvha Power Station		
Please provide details of the steps taken to ascertain this information: The requirement for a Water Use Licence (“WUL”) was identified through an Environmental Screening process and due to the proposed reinstatement occurring within 32 metres of a wetland. A WUL application is currently in progress in parallel with the Environmental Authorisation application to ensure regulatory compliance.			
Explain whether the above approval(s) will be in conflict with the proposed development. There are no anticipated conflicts between the WUL and the proposed development. The WUL application is being undertaken in parallel with the Environmental Authorisation application to ensure full compliance with applicable water legislations. The WUL will authorise the water use activities associated with the spillway reinstatement, ensuring alignment with environmental regulatory requirements.			

11. OTHER LEGISLATION/APPROVAL

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

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.)	☐	☒	☐	☒
National Water Act (Act No. 36 of 1998)	☒	☐	☐	☒
National Environmental Management: Air Quality Act (Act No. 39 of 2004)	☐	☒	☐	☐
National Environmental Management: Biodiversity Act (Act No. 10 of 2004)	☐	☒	☐	☐
National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008)	☐	☒	☐	☐
National Environmental Management: Protected Areas Act (Act No. 57 of 2003)	☐	☒	☐	☐
National Environmental Management: Waste Act (Act No. 59 of 2008)	☐	☒	☐	☐
Others: Please specify NA	☐	☒	☐	☐

Please be advised that:

DDFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

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

12. LIST OF APPENDICES

		SUBMITTED	
		YES	NO
APPENDIX 1	Copy of the pre-application meeting minutes	☐	☒
APPENDIX 2	Proof of Payment / Motivation for exclusion	☒	☐
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>	☐	☒
APPENDIX 4	Declaration of Applicant	☒	☐
APPENDIX 5	List of Local/Provincial Authority involved (with contact details)	☐	☒
APPENDIX 6A	Proof of appointment of EAP before 8 August 2022	☐	☒
APPENDIX 6B	Valid EAPASA Registration Certificate	☒	☐
APPENDIX 6C	Declaration of EAP and undertaking under oath or affirmation	☒	☐
APPENDIX 7A	Renewable Energy Development Zone Map	☐	☒
APPENDIX 7B	EGI in Strategic Transmission Corridor Map	☐	☒
APPENDIX 7C	Pre-Negotiated Route Agreement for EGI	☐	☒
APPENDIX 7D	Motivation pertaining to the Standard as per GNR 2313	☒	☐
APPENDIX 7E	EGI in Renewable Energy Development Zone Map	☐	☒
APPENDIX 7F	Pre-Negotiated Route Agreement for EGI in REDZ	☐	☒
APPENDIX 7G	Gas Transmission Pipeline Infrastructure Map	☐	☒
APPENDIX 7H	Pre-Negotiated Route Agreement for Gas Transmission Pipeline	☐	☒
APPENDIX 8A	List of Strategic Infrastructure Projects	☐	☒
APPENDIX 8B	SIP Confirmation Letter from SIP Coordinator	☐	☒
APPENDIX 9	List of SGIDs and coordinates	☐	☒
APPENDIX 10	Locality map	☒	☐
APPENDIX 11	Project schedule	☒	☐
APPENDIX 12	Section 50(5) of NEM:PAA approval	☐	☒
APPENDIX 13	Notice of Intent in terms of NHRA 25 of 1999	☐	☒
APPENDIX 14	Screening Tool Report	☒	☐
APPENDIX 15	Other NA	☐	☒

APPENDIX 1
COPY OF THE PRE-APPLICATION MEETING MINUTES
Meeting not required. See E-mail from DFFE Below

RE: 2025-07-0017



Kevin Mathebula <KLMathebula@dffe.gov.za>

To: Mukovhe Nemavhola

Cc: Mahlatse Shubane; Olivia Letlalo; Lee-Anne Fellowes; Benson Mahlangu



Tue 2025/07/29 09:01

Dear Mukovhe

2025-07-0017: Pre-Application Meeting Request; For the proposed reinstatement of the low-level dam spillway and construction of weir structure at Duvha Power Station in Emalahleni Local Municipality, Nkangala District in Mpumalanga Province

As per our telephone conversation dated 29 July 2025, if there are no issues or challenges to submit an EIA application for the abovementioned proposed development, you are welcome to submit an EIA application taking into consideration the relevant regulations of the EIA Regulations 2014, as amended.

When submitting the proposed development application to EIA Applications, please attach these communication emails for the replacement of copy of the pre-application meeting minutes.

Kind regards,

Mr. Kevin Mathebula

Department Of Forestry, Fisheries & the Environment

Regulatory, Compliance And Sector Monitoring

Integrated Environmental Authorisations: Priority Infrastructure Projects

(Tel) 012 399 9216

(E-mail) KLMathebula@dffe.gov.za

RE: 2025-07-0017



Kevin Mathebula <KLMathebula@dffe.gov.za>

To: Mukovhe Nemavhola

Cc: Mahlatse Shubane; Olivia Letlalo; Lee-Anne Fellowes; Benson Mahlangu



Tue 2025/07/29 09:01

From: Mukovhe Nemavhola <Mukovhe@shangoni.co.za>

Sent: Wednesday, July 23, 2025 8:18 AM

To: Kevin Mathebula <KLMathebula@dffe.gov.za>

Cc: Mahlatse Shubane <MSHUBANE@dffe.gov.za>; Olivia Letlalo <OLetlalo@dffe.gov.za>; Lee-Anne Fellowes <leeanne@shangoni.co.za>; Benson Mahlangu <mahlanbm@eskom.co.za>

Subject: RE: 2025-07-0017

Good Day Kevin,

I hope that you are well.

I would like to follow up on the pre-application meeting request. Can you kindly confirm if you have decided on the pre-application meeting date yet?

Kind Regards,

Mukovhe Nemavhola | Environmental Consultant

EAPASA Registration number: 2021/3493

SACNASP Registration number: 142709



T: +27 (0)12 807 7036



M +27 (0) 71 351 6094



mukovhe@shangoni.co.za



F: +27 (0) 12 807 4044



APPENDIX 2

PROOF OF PAYMENT / MOTIVATION FOR EXCLUSION

It is confirmed that Eskom is a State Owned Company and as such, the company is excluded from paying the application fees for the Environmental Authorisation and Amendments in terms of regulation 3 of "National Environmental Management Act, 1998 (Act No. 107 of 1998). Fees for the consideration and processing of applications for Environmental Authorisations and Amendments thereto" which were published on 28 February 2014 in the Government Gazette No. 37383.

Eskom was established in South Africa in 1923 as the Electricity Supply Commission. In July 2002, it was converted into a public, limited liability company, wholly owned by government. The constitutional definition of 'organ of state' makes it clear that other institutions and functionaries are organs of state on the basis of what they are and others by virtue of the functions they are engaged in.

Therefore, Eskom applies for exclusion from payment of the fees applicable to this application, since it is a State Owned Company.

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
12	<i>Duvha proposes to re-instate a spillway on the Low-Level Dam within 32 metres of a watercourse.</i>	<i>DUVHA Kragstasie No. 337 JS Transvaal, Portion No. 0</i>	<i>Eskom</i>	<i>Yes</i>	<i>Appendix 3B</i>
19	<i>Certain sections of the spillway will cut through the riparian areas of the LLD dam, as such, infilling or depositing of 10 m³ or more may be disturbed during construction and operational phase.</i>	<i>DUVHA Kragstasie No. 337 JS Transvaal, Portion No. 0</i>	<i>Eskom</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

NOT APPLICABLE AS THE APPLICANT IS THE ONLY LANDOWNER

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	Click or tap here to enter text.
Trading name (if any)	Click or tap here to enter text.
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.

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

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

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.
Activity12	The development of— (ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs— (a) within a watercourse. (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.	Duvha proposes to re-instate a spillway (width of 10 m x length of 62 m) (620 m ²) on the Low-Level Dam and construct a weir (34 m x 1 m) (34 m ²) within 32 metres of a watercourse.
Activity 19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse.	Certain sections of the spillway will cut through the riparian areas of the LLD dam, as such, infilling or depositing of 10 m ³ or more may be disturbed during construction and operational phase (spillway (width of 10 m x length of 62 m) (620 m ²) and weir (34 m x 1 m) (34 m ²).
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.
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.
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.	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.
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.
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.	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.
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4. PROPERTY DESCRIPTION:

Property Description

Duvha Power Station produces wet ash which is pumped into an Ash Dam. The settled water is then decanted into the Low-Level Dam ("LLD") before it is pumped back to the Power Station for reuse. The LLD is an offchannel storage dam used to store ash water. Additionally, the LLD is also used to collect all contaminated storm water from the Ash Dam, station and the surrounding area with a capacity of 811 240 m³ at the spillway level of 7.2 m.

The LLD spillway currently has a width of 10 m as opposed to the design width of 110 m, this is due to a berm constructed along the spillway in the past. The spillway size needs to be reinstated to its original capacity which was based on the Safety Evaluation Discharge ("SED") for a Category II dam.

The following activities will be undertaken as part of the reinstatement of the LLD spillway:

a) Construction of the weir structure

A man-made breach section has been created at the diving berm (between affected and clean water areas) to allow water to flow downstream in an event of a high storm. A concrete weir structure must be constructed at the position of man-made breach for proper management of flow when the dam spill in the event of floods >1:50- years and to prevent soil erosion by engaging in the following activities:

- Excavate the existing diving berm for a width of 34 m up to counter level 1561.86.
- Rip and compact the in-situ material to at least 95% Modified American Association of State Highway and Transportation Officials standard ("Mod AASHTO") to a depth of 150 mm.
- Construction of a new concrete weir structure.
- Construction of a new retaining walls for embankment protection using terra block or similar.
- Backfill all low sections of the dividing berm as indicated on long section using material excavated from the LLD spillway section.
- Install Reno mattress protection downstream of the weir structure for a width of 2 m.
- Shape the downstream channel of the weir structure by installing (laying) the Armoflex protection.

b) Re-instate the Spillway

The original spillway width was 110 m, however an earth berm was constructed which reduced the size of the spillway to current width of 10 m. The design of the spillway has been optimized and upgraded and will now have a width of 62 m to accommodate a maximum capacity of approximately 130 m³/s which is equivalent to the SED:

- Excavate the berm up to invert level 1562.61 over a length of 62 m toward the southern direction referencing from the existing spillway headwall. The excavated material will be used as backfill for area on section 3.1.2 of the scope.

- Rip and compact the in-situ material to at least 95% Mod AASHTO to a depth of 150 mm.
- Cast in reinforced concrete sill up to a finish floor level (FFL) of 1562.61, The concrete sill should be 500 mm x 600 mm x 62 m.
- Raise the spillway headwall with brick masonry to contour level 1563.86. A double brick masonry (230 mm) wall – 3 layers of bricks built on top of existing headwall.

c) LLD dam crest

The LLD crest was surveyed and settlement of about 3% has occurred which is currently resulting in an uneven surface profile, reducing the dam's freeboard. In order to rectify the settlement and to reinstate adequate freeboard a new wearing course of approximately 300 mm gravel topping must be applied. The layer must be compacted to at least 92% Mod AASHTO with a 2% cross fall towards the upstream (water) side, to prevent standing and ponding water on the crest, after rainfall.

d) Temporary laydown area

A Temporary laydown area of 217 m² is required to store material for the re-instatement of the LLD Spillway. The temporary laydown area will be located west of the existing infrastructure and adjacent to an access road. The temporary laydown area is not located close to any natural wetland and is thus unlikely to have an impact on any watercourse.

(Farm name, portion etc.) Where a large number of properties are involved), please attach a full list to this application.

Town(s) or district(s):
Physical (street)
address of project:

Witbank/eMalahleni
Duvha Power Station, Speekfontein, 3375 JS, Middelburg District, Old Bethal Road

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

I, **Lourence Chauke** declare 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 Eskom Holdings SOC LTD 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.



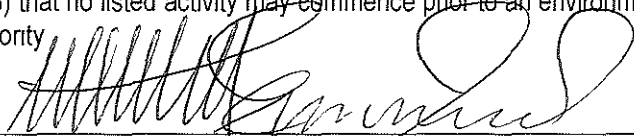
Signature of the landowner or person in control of the land

Thursday, 15 January 2026

APPENDIX 4 DECLARATION OF APPLICANT

I, Lourence Chauke 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

Eskom Holdings SOC, Duvha Power station

Name of company (if applicable)

18 Sep 2025

Date

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

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

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

(Use this table as a template for information)

Provincial/Local authority:

Contact person:

Postal/Physical address:

Telephone/Cell:

E-mail:

Emalahleni Local Municipality
Erald Nkabinde
P.O Box 3 eMalahleni 1035
013 690 6350 072 596 4909
nkabindeej@emalahleni.gov.za

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

Not applicable

APPENDIX 6B
VALID EAPASA REGISTRATION CERTIFICATE

Environmental Assessment
Practitioners Association
of South Africa



Registration No. 2019/850

Herewith certifies that
LEE-ANNE FELLOWES (MEIRING)
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 April 2026

Expires: 31 March 2027

Chairperson

Registrar



APPENDIX 6C

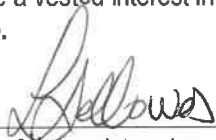
DECLARATION OF EAP AND UNDERTAKING UNDER OATH OR AFFIRMATION

I, Lee-Anne Fellowes, 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:
None.



Signature of the registered environmental assessment practitioner

Shangoni Management Services (Pty) Ltd

Name of company:

Thursday, 18 September 2025

Date

UNDERTAKING UNDER OATH/ AFFIRMATION

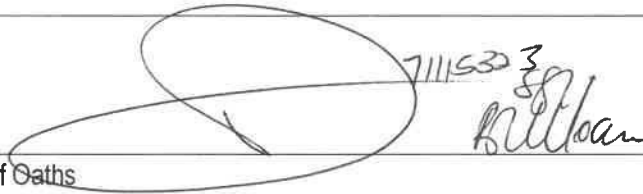
I, **Lee-Anne Fellowes** swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



Signature of the registered Environmental Assessment Practitioner

Shangoni Management Services (Pty) Ltd
Name of Company

18 September 2025
Date



Signature of the Commissioner of Oaths

2025-09-18

Date

SOUTH AFRICAN POLICE SERVICE
GARSFONTEIN
2025 -09- 18
COMMUNITY SERVICE CENTRE
SUID-AFRIKAANSE POLISIEDIENS

Pretona **2025-09-18** **13 25**

Barerang Lenah Van

277 Louisa Claassen

Garsfontein

SPT

SA POLICE SERVICE

APPENDIX 7A
RENEWABLE ENERGY DEVELOPMENT ZONE MAP

Not Applicable.

The proposed project is associated with a coal fired power station and not a renewable energy development.

APPENDIX 7B
EGI IN STRATEGIC TRANSMISSION CORRIDOR MAP

Not Applicable.

The proposed project does not involve the construction of new powerlines, substations, or energy distribution infrastructure and is therefore not associated with the infrastructure types included in the scope of the EGI

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 project not falling within the Standard as per GNR 2313

The proposed reinstatement of the LLD spillway and construction of the weir structure is a water-related civil engineering project associated with existing dam infrastructure at Duvha Power Station. The project's scope is limited to the reinstatement of the spillway and the construction of a weir structure in order to improve water management and dam safety.

It is our 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 as described above.

Instead, the proposed project is strictly confined to water infrastructure works linked to the operational requirements of an existing power station and will therefore be assessed in terms of the relevant listed activities under the EIA Regulations (2014, as amended).

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

[illegible]

APPENDIX 8B
SIP CONFIRMATION LETTER FROM SIP COORDINATOR

Not Applicable

APPENDIX 9

LIST OF SGIDS AND COORDINATES



Temporary laydown area	Gps co-ordinates
Corner 1	25°55'36.31"S 29°20'25.98"E
Corner 2	25°55'36.76"S 29°20'26.44"E
Corner 3	25°55'37.06"S 29°20'26.03"E
Corner 4	25°55'36.71"S 29°20'25.62"E
Middle	25° 55' 36.67" 29° 20' 26.02"

Infrastructure	Gps co-ordinates
Weir start	S 25°55'29.54" E29°20'30.44"
Weir middle	S25° 55'29.28" E29° 20'29.98"
Weir end	S 25°55'29.03" E29°20'29.57"
Spillway start	S 25°55'32.42" E29°20'30.85"
Spillway middle	S25° 55' 30.28" E29°31'.17"
Spillway end	S 25°55'30.08" E 29°20'31.20"



APPENDIX 10 LOCALITY MAP

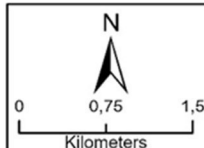
Eskom Holdings SOC Ltd: Duvha Power Station

Locality Map



Legend

- Project Area
- NFEPA Rivers
- Access Road



Date: 2025/07/11
Created By: W. Faber
Projection: Transverse Mercator
Datum: WGS 1984
Scale: 1:52 158
Signature:

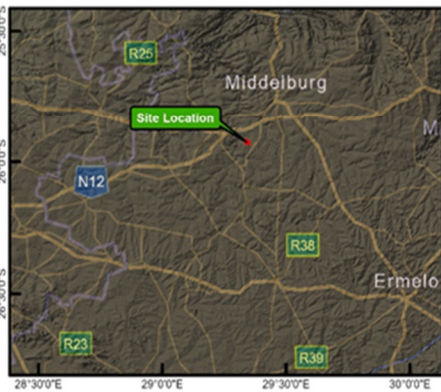
Eskom

SHANGONI
Management Services (Pty) Ltd

LAYOUT MAP

Eskom Holdings SOC Ltd: Duvha Power Station

Layout Map



Legend

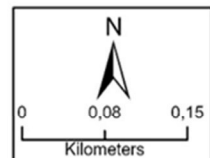
- Project Area
- Spillway Re-Instatement
- Weir Structure
- Access Road
- Drainage Lines
- NBA Wetlands
- Aquatic CBAs
- Protected Area Expansion

Threatened Terrestrial Ecosystems Status

- Endangered
- Vulnerable

Mpumalanga Terrestrial Assessment Category

- Critical Biodiversity Area

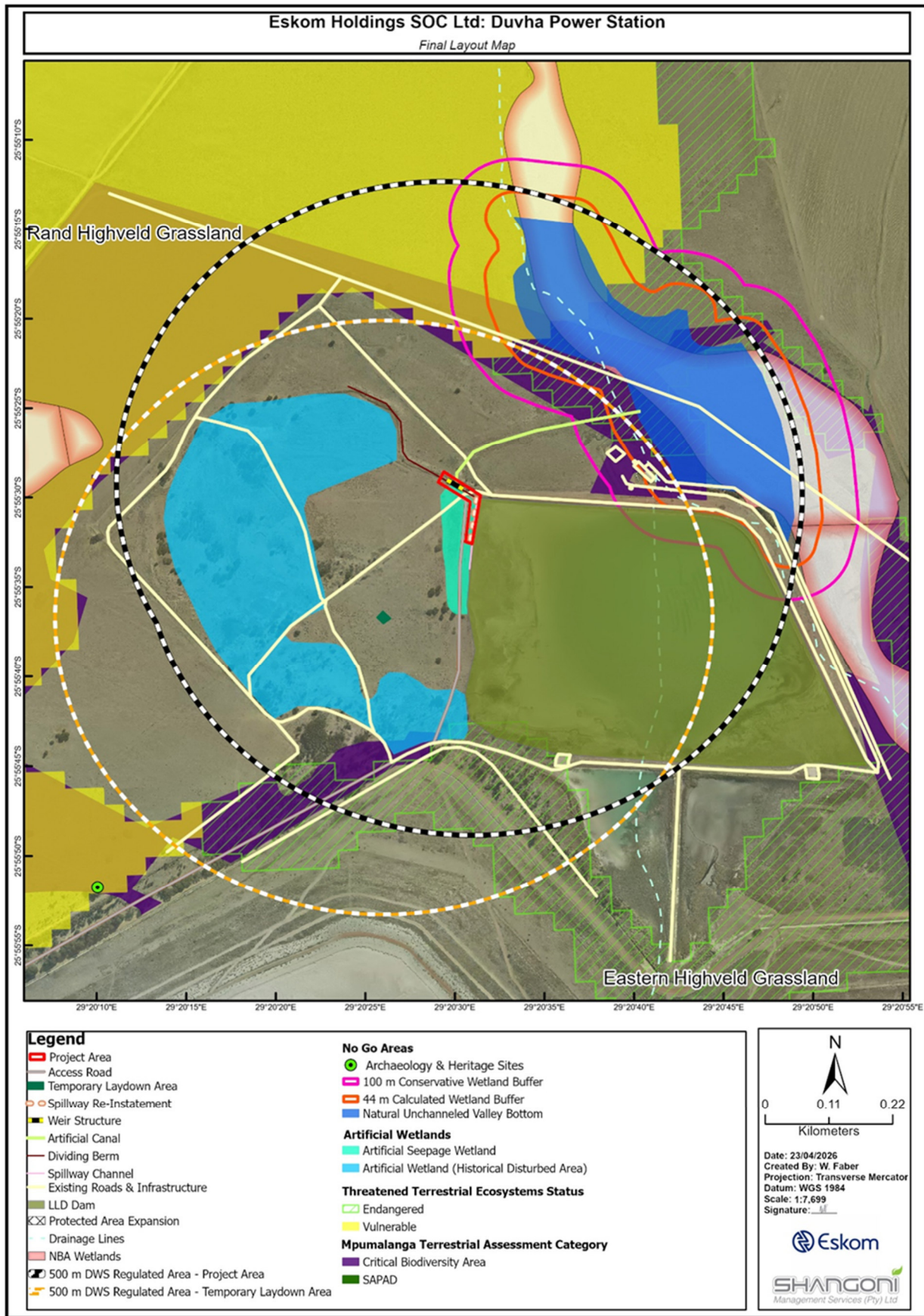


Date: 2025/07/11
Created By: W. Faber
Projection: Transverse Mercator
Datum: WGS 1984
Scale: 1:5 461
Signature:

Eskom

SHANGONI
Management Services (Pty) Ltd

LAYOUT MAP



APPENDIX 11
PROJECT SCHEDULE

See attached 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

Not applicable

APPENDIX 14
SCREENING TOOL REPORT

See attached Screening Tool Report

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

EIA Reference number: 14/12/16/3/3/1/3206

Project name: Reinstatement of the low-level dam spillway at Duvha Power Station

Project title: Reinstatement of the low-level dam spillway at Duvha Power Station

Date screening report generated: 11/11/2025 15:35:59

Applicant: Eskom Holdings SOC Ltd: Duvha Power Station

Compiler: Lee-Anne Fellowes

Compiler signature:



Application Category: Any activities within or close to a watercourse

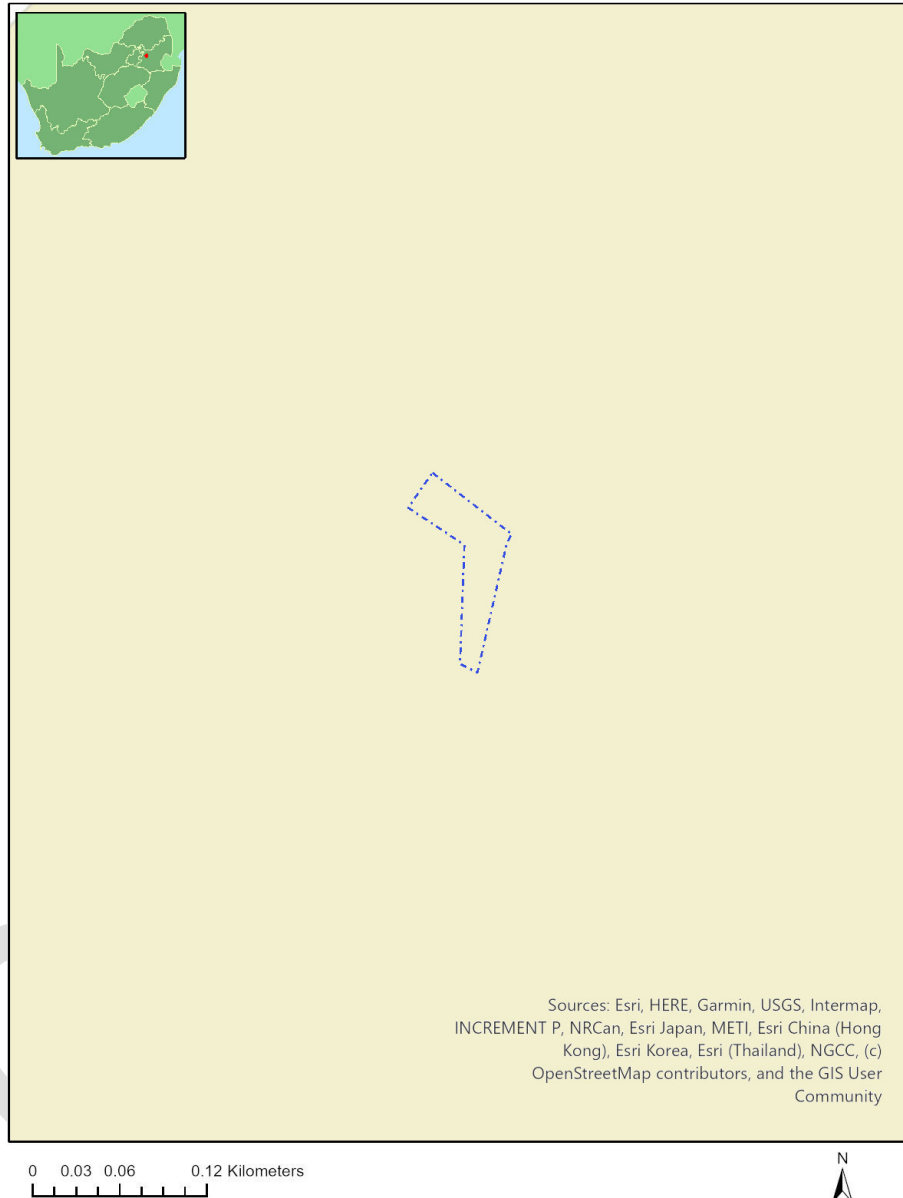
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Orientation map 1: General location	3
Map of proposed site and relevant area(s)	4
Cadastral details of the proposed site	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	4
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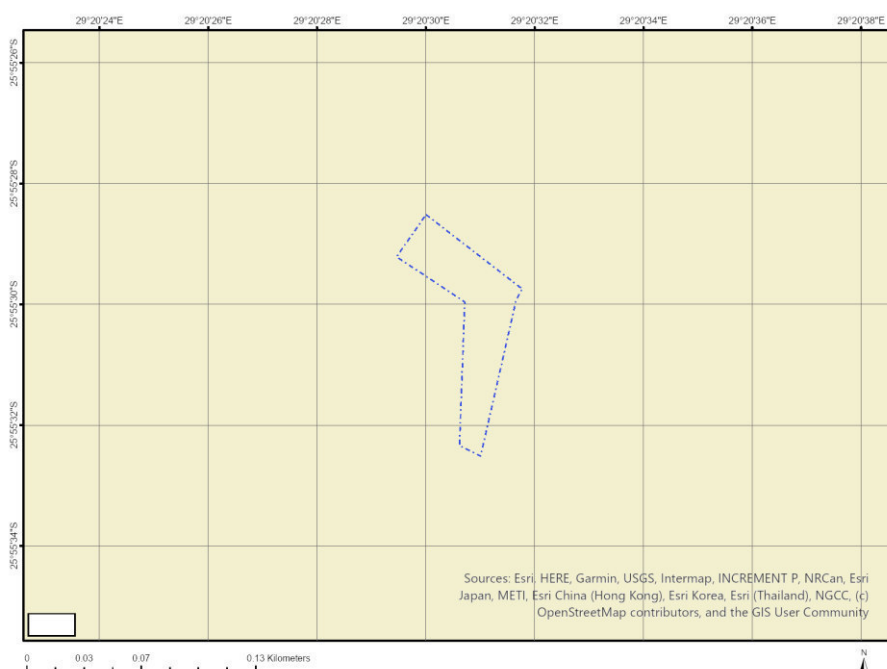
Proposed Project Location

Orientation map 1: General location

General Orientation: Reinstatement of the low-level dam spillway at Duvha Power Station



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	DUVHA KRAGSTASIE	337	0	25°57'9.87S	29°20'12.09E	Farm
2	DUVHA KRAGSTASIE	337	0	25°56'48.26S	29°20'19.3E	Farm Portion

Development footprint¹ vertices:

No development footprint(s) specified.

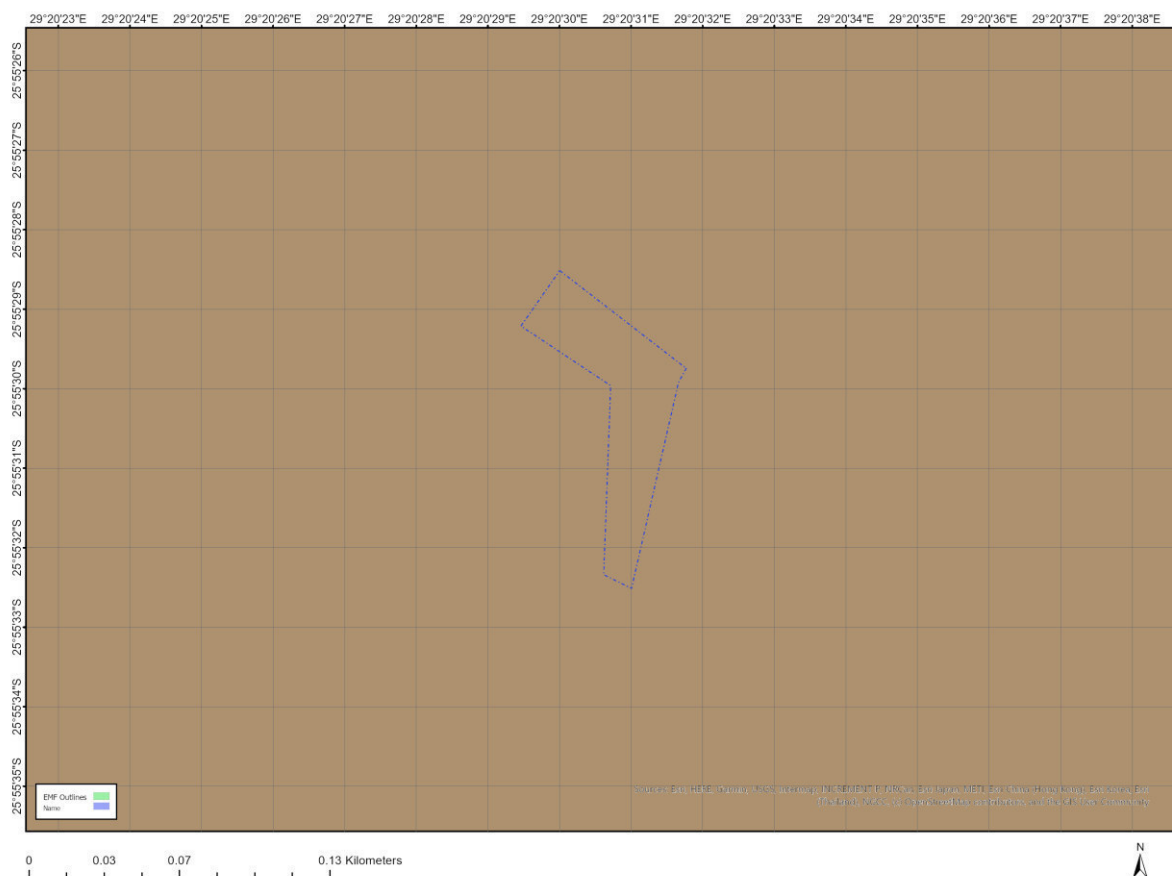
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	14/12/16/3/3/3/97	Wind	Approved	23.4
2	14/12/16/3/3/1/2907	Solar PV	Approved	29.5
3	14/12/16/3/3/1/2926	Solar PV	Approved	29.5

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.

4	14/12/16/3/3/2/759	Solar PV	Approved	0
5	14/12/16/3/3/1/2657	Wind	Approved	24
6	14/12/16/3/3/2/2456	Solar PV	Approved	23.6

Environmental Management Frameworks relevant to the application



Environmental Management Framework	LINK
Olifants EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/Zone_4_6_67_78_80_92_103_122_129.pdf

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 site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

Any activities within or close to a watercourse.

Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-International 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
Renewable energy development zones 9-Emalahleni	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_REDZ.pdf

Proposed Development Area Environmental Sensitivity

The following summary of the development site 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 site situation.

No	Specialist assessment	Assessment Protocol
1	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf

5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
7	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
8	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
9	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site 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

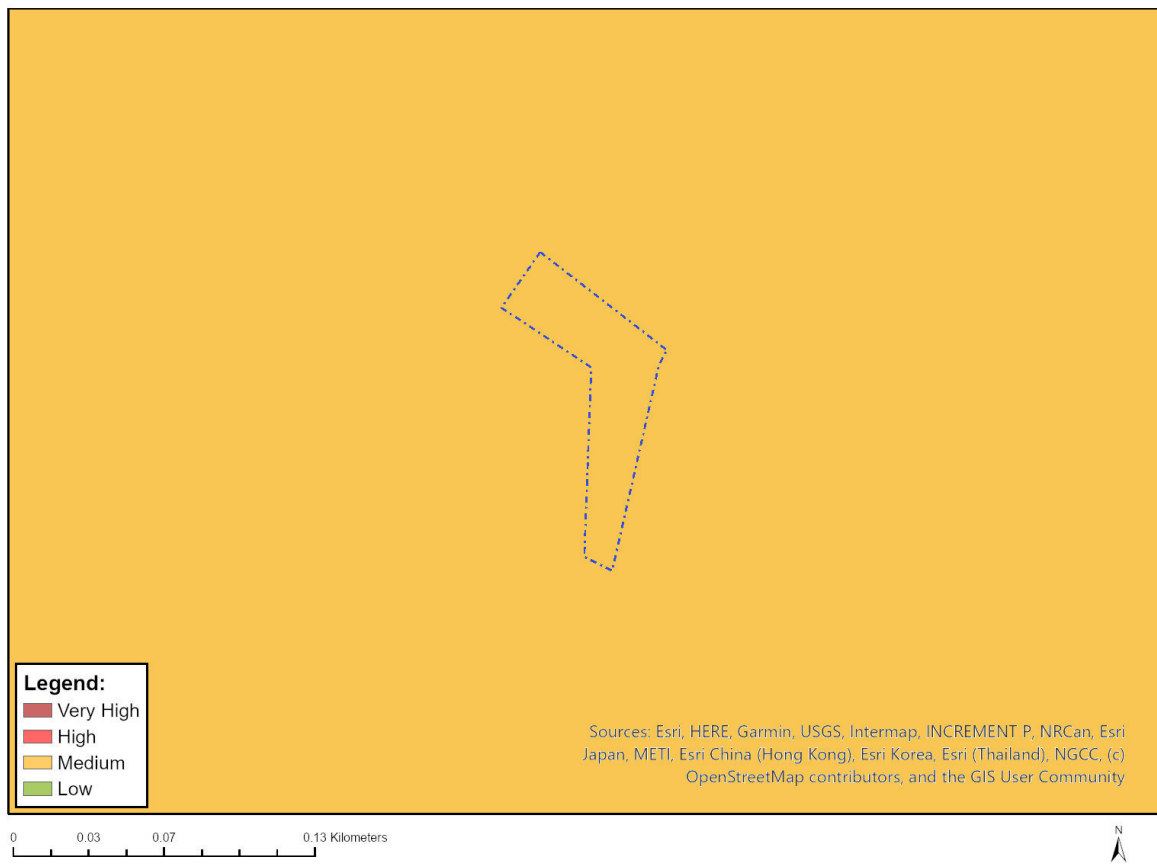


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	09. Moderate-High
High	10. Moderate-High

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



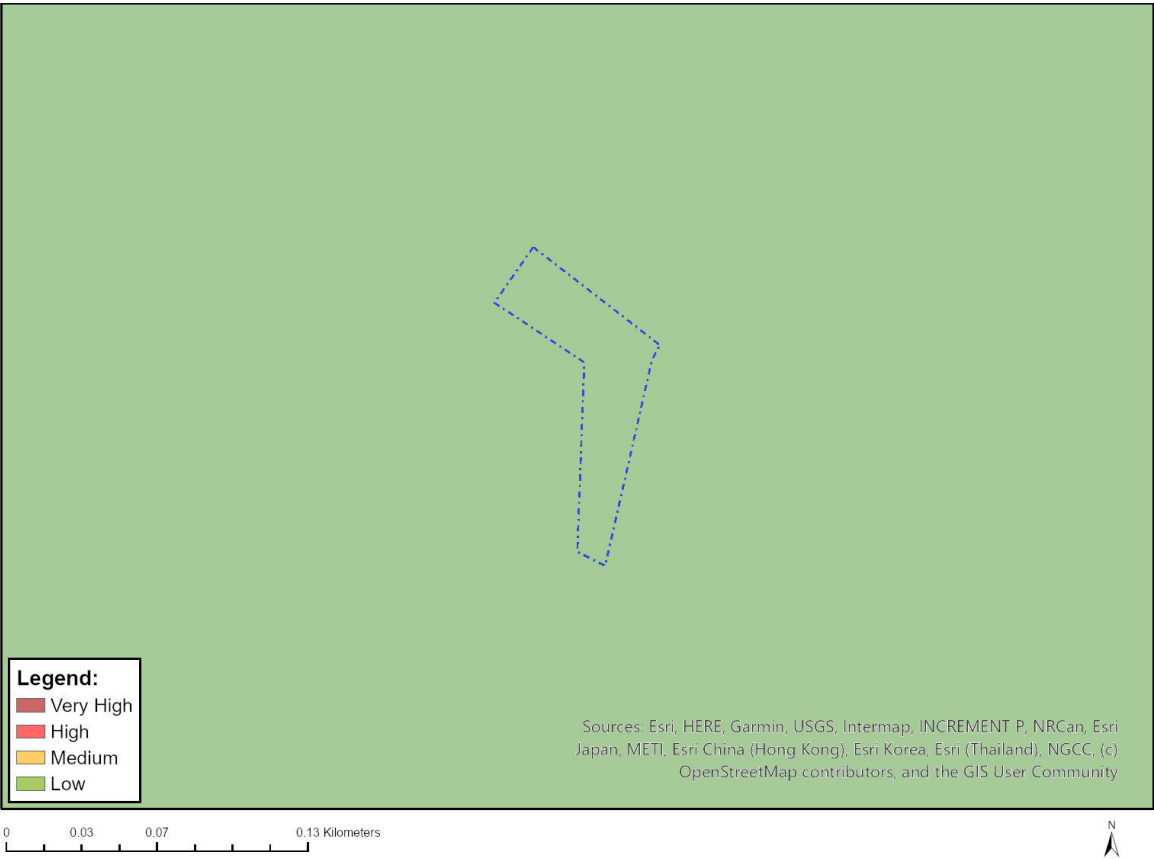
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their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

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Aves-Hydroprogne caspia
Medium	Mammalia-Crocidura maquassiensis
Medium	Mammalia-Hydrictis maculicollis
Medium	Mammalia-Ourebia ourebi ourebi
Medium	Reptilia-Kinixys lobatsiana

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

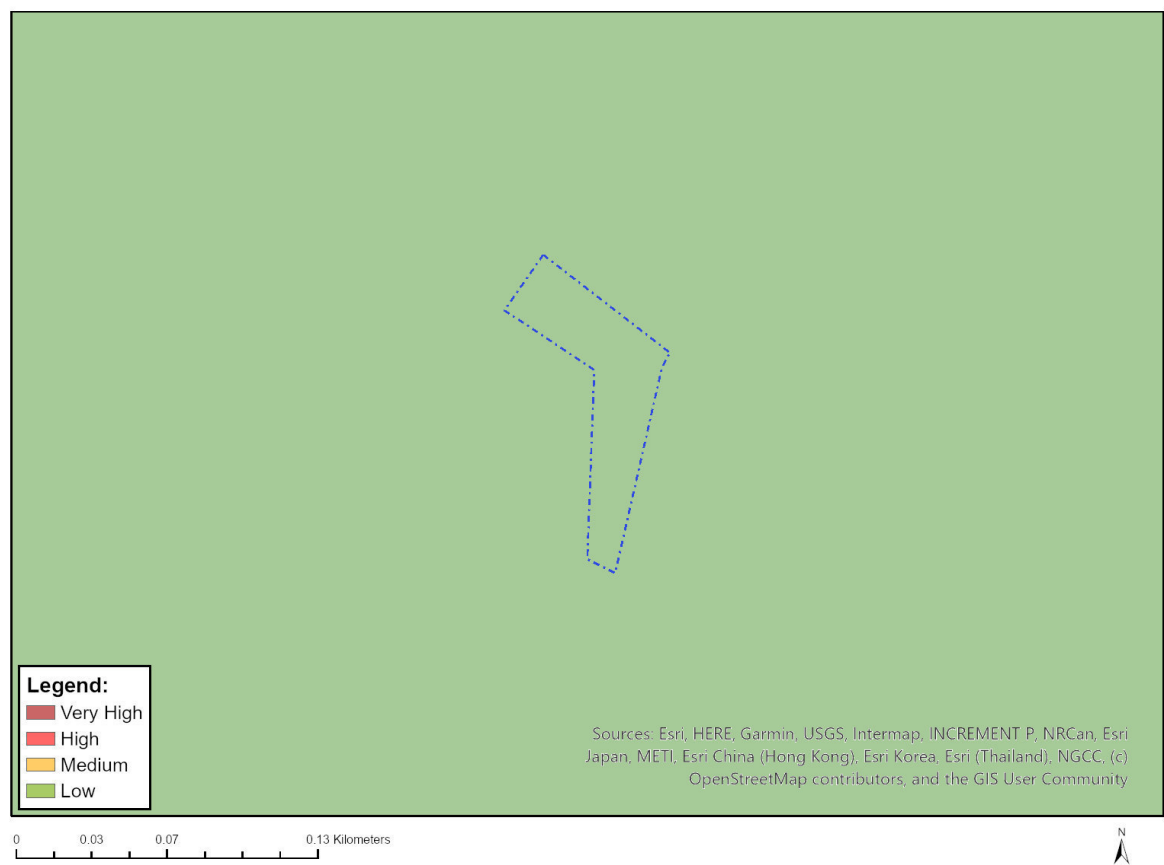


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

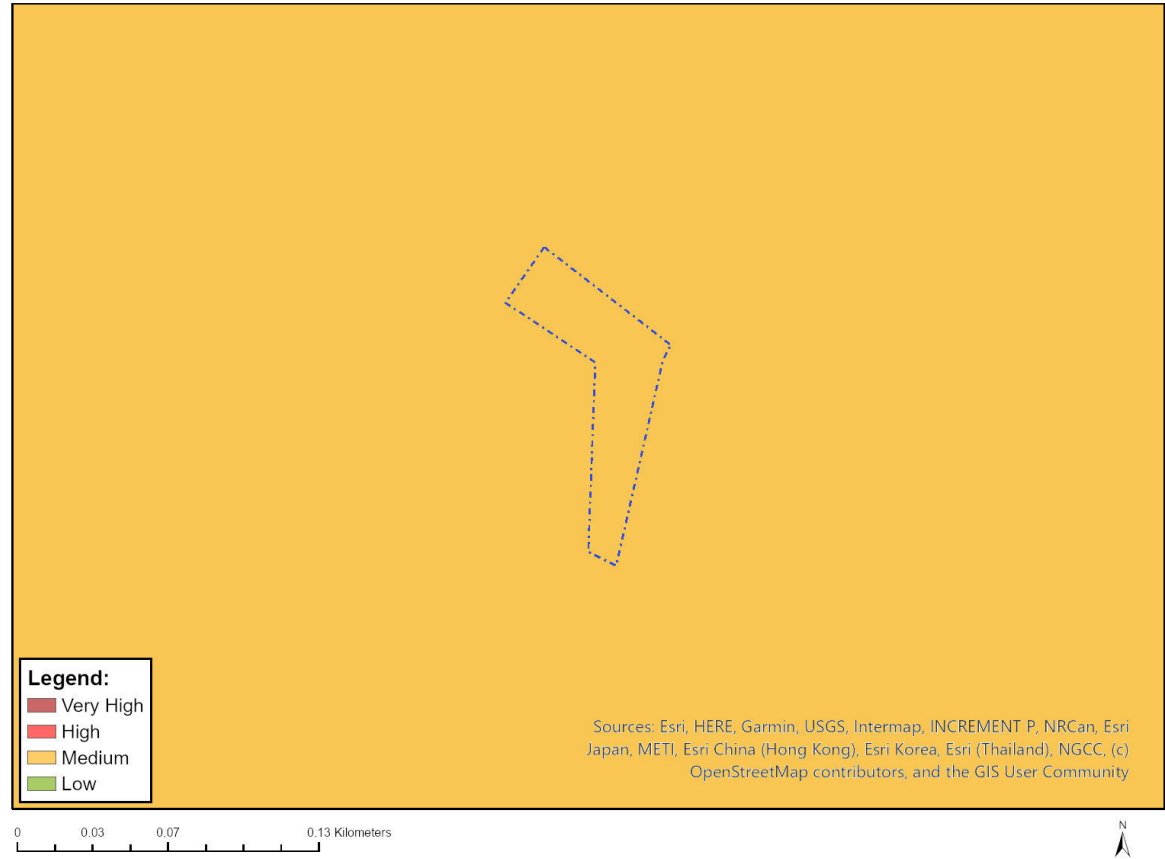


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

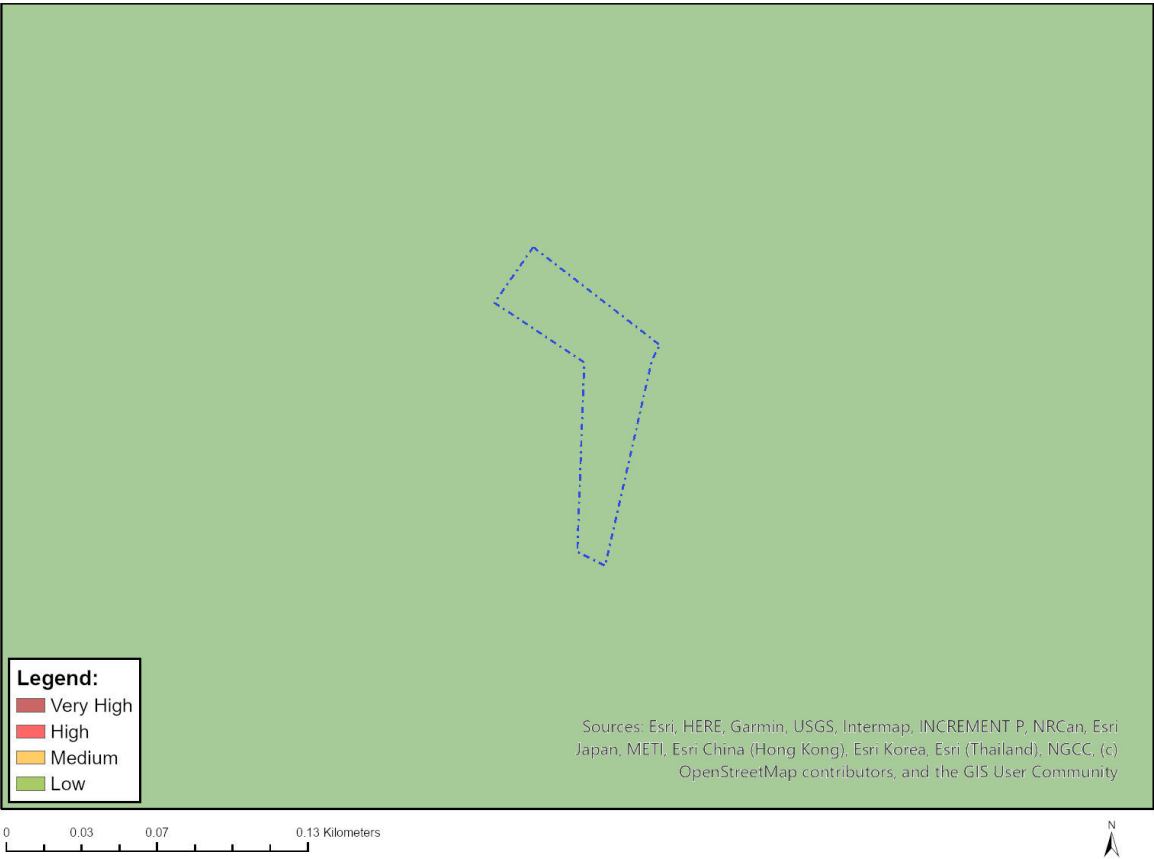


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

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

MAP OF RELATIVE DEFENCE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

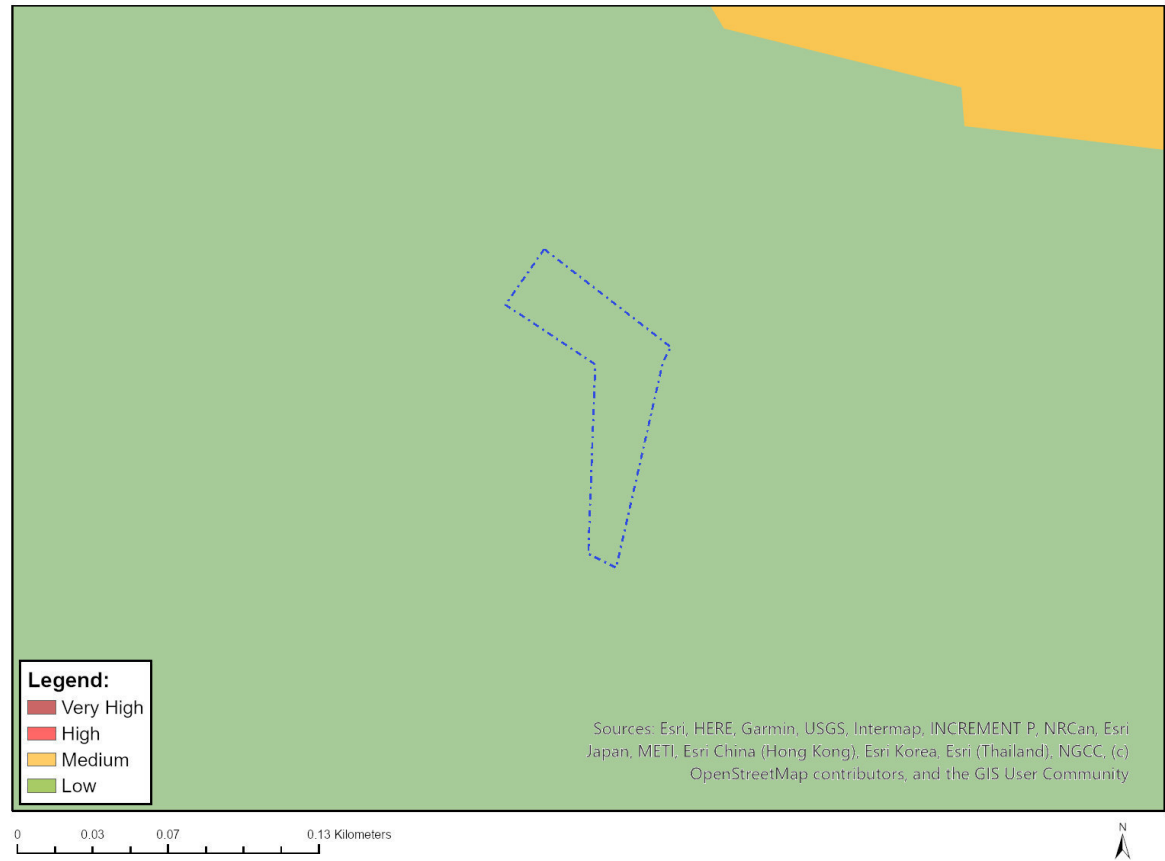


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Features with a Low paleontological sensitivity
Medium	Features with a Medium 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

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	EN_Eastern Highveld Grassland

APPENDIX 15
OTHER

Not Applicable