

**Zitholele Consulting (Pty) Ltd**

Reg. No. 2000/000392/07

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Our Ref : 22018-L-01

9 November 2022

Department of Forestry, Fisheries and Environment  
Environment House  
473 Steve Biko Road  
Arcadia  
0083

**Attention: Chief Director: Integrated Environmental Authorisations**

Dear Sir/Madam

**Re: Application for Environmental Authorisation for the Proposed Construction of Stormwater Drainage and Associated Infrastructure at the Kusile Power Station, near Delmas, Mpumalanga**

Zitholele Consulting (Pty) Ltd (*hereinafter referred to as Zitholele*), on behalf of applicant, Eskom Holdings SOC Ltd, is submitting an Application for Environmental Authorisation for the above project, with the Basic Assessment Report (BAR) and Environmental Management Programme (EMPr).

The BAR has been made available for public review and comment for a 30-day period, which commenced on 9 November 2022. Subsequent to the public review period, the BAR will be finalised and will be submitted to the Department for review and decision-making. The Public Participation Report (including the Comments and Responses Report) will be provided with the Final BAR to the Department.

Herewith, please find attached the Application for Environmental Authorisation and its related Appendices.

Please do not hesitate to contact me should you have any queries on email: [natashal@zitholele.co.za](mailto:natashal@zitholele.co.za) or Tel No: (011) 207 2060 / 082 828 6832.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Natasha Lalie'.

**Ms. Natasha Lalie**

Senior Environmental Assessment Practitioner

**For ZITHOLELE CONSULTING (PTY) LTD**



Director: S. Pillay  
Associate Directors: J. Heera (Ms.), T. Kaponda, Dr. M. Vosloo





# forestry, fisheries & the environment

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

## APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

Application 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

**Proposed Stormwater Drainage and Associated Infrastructure at the Kusile Power Station, near Delmas, Mpumalanga**

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

Yes

No

### PRE-APPLICATION CONSULTATION

|   |   |   |  |
|---|---|---|--|
| Was a pre-application meeting held                                | Yes   | ✓ |  |
| Date of the pre-application meeting                               | 1. First Pre-Application Meeting (15 August 2022)     |   |  |
|   | 2. Follow-up Pre-Application Meeting (4 October 2022) |   |  |
| Reference number of pre-application meeting held                  | 2022-07-0023  |   |  |
| Was minutes compiled and submitted to the Department for approval | Yes   | ✓ |  |

A copy of the pre-application meeting minutes must be appended to this application as **APPENDIX 1**.

### Kindly note the following:

1. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Reporting where this Department is the Competent Authority.
2. This application form is current as of **April 2021**. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at <https://www.environment.gov.za/documents/forms>.
3. The onus is on the Applicant/EAP to determine all applicable listed activities that would require Environmental Authorisation prior to the commencement of the construction activities. Should any revision of your development comprise any other activities that constitute a listed activity/ies as defined in Listing Notice 1, 2, or 3 of the EIA Regulations, 2014 as amended, it must also form part of the Application for Environmental Authorisation.
4. An application fee is applicable (refer to **Section 2**). Proof of payment must accompany this application. 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.
5. A cover letter on your company letterhead indicating the nature of this application must be appended to this form i.e. new application for Environmental Authorisation, updated application for Environmental Authorisation.
6. An electronic copy of the signed application form must be submitted of both the Applicant and EAP.

7. This form must be marked **“for Attention: Chief Director: Integrated Environmental Authorisations”** and submitted to the Department at the format as prescribed in the process to upload documents form.
8. 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).
9. Where applicable black out the boxes that are not applicable in the form.
10. 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 rejection of the application as provided for in the Regulations.
11. 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.
12. 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.
13. Please note that this form must be copied to the relevant Provincial Environmental Department(s)
14. 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.
15. An application for environmental authorisation must be accompanied by a report generated by the web based environmental screening tool (in Appendix 11). 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)(v) of the Environmental Impact Assessment Regulations 2014, as amended, whereby a Screening Report is required to accompany any application for Environmental Authorisation.

#### **Departmental Details**

##### **Online Submission:**

EIAApplications@environment.gov.za or <https://sfiler.environment.gov.za:8443/>.

**Please read the process for uploading files to determine how files are to submitted to this Department.**

##### **Postal address:**

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

##### **Physical address:**

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

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:  
Email: [EIAAdmin@environment.gov.za](mailto:EIAAdmin@environment.gov.za)

## 1. COMPETENT AUTHORITY

Identified Competent Authority to consider the application:

Reason(s) in terms of S24C of NEMA:

**National Department of Forestry, Fisheries and Environment (DFFE)**

**As advised by the Minister, all applications regarding renewal energy are to be submitted to National DFFE. In addition, Eskom is a State-Owned Company (SOC) and will therefore apply to DFFE.**

## 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.

**Refer to Appendix 2 for a motivation of fees exclusion for payment of administration fees by organs of state.**

|  |                                     |                 |
|--|-------------------------------------|-----------------|
| Proof of payment attached  | <input type="checkbox"/>            | <b>No</b><br>✓  |
| Payment Reference Number   | n/a                                 |                 |
| Exclusion in terms of Regulation 2(a) or 2(b) of GNR 141 of 28 February 2014 | <input checked="" type="checkbox"/> | <b>Yes</b><br>✓ |

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.<br>Proper motivation must be attached to the application |
|--|---|
| The activity is a community-based project funded by a government Grant | <input type="checkbox"/>  |
| The applicant is an organ of state                                     | <input checked="" type="checkbox"/>   |

| FEE AMOUNT  | Fee     |
|---|---------|
| Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations | R2 000  |
| 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 Enquiries:**

Email: [eiafee@environment.gov.za](mailto:eiafee@environment.gov.za)

**Banking details:**

ABSA Bank

Branch code: 632005

Account number: 1044 2400 72

Current account

**Reference number:** Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude  
e.g. -33.918861/18.423300

**Status:** Tax exempted

### 3. GENERAL INFORMATION

|  |  |       |                     |
|--|--|-------|---------------------|
| Name of the Applicant:                           | <b>Eskom Holdings SOC Ltd</b>                      |       |                     |
| RSA Identity/ Passport Number:                   | <b>N/A</b>   |       |                     |
| Name of contact person for applicant (if other): | <b>Ms. Zandi Shange</b>                            |       |                     |
| RSA Identity/ Passport Number:                   | <b>Not Applicable, as not private application</b>  |       |                     |
| Responsible position, e.g. Director, CEO, etc.:  | <b>General Manager</b>                             |       |                     |
| Company/ Trading name (if any):                  | <b>Not Applicable, as not private company</b>      |       |                     |
| Company Registration Number:                     | <b>2002/015527/06</b>                              |       |                     |
| BBBEE status:                                    | <b>State Owned Entity</b>                          |       |                     |
| Physical address:                                | <b>R545 Kendal/Balmoral, Haartbeesfontein Farm</b> |       |                     |
| Postal address:                                  | <b>Private Bag X 7297 Emalahleni</b>               |       |                     |
| Postal code:                                     | <b>1035</b>  | Cell: | <b>082 924 4523</b> |
| Telephone:                                       | <b>(014) 762 6405</b>                              | Fax:  | <b>n/a</b>          |
| E-mail:  | <b>ShangeZG@eskom.co.za</b>                        |       |                     |

|  |                               |       |                      |
|--|-------------------------------|-------|----------------------|
| Name of the landowner:                           | <b>Eskom Holdings SOC Ltd</b> |       |                      |
| Name of contact person for landowner (if other): | <b>Same as above</b>          |       |                      |
| Postal address:                                  | <b>Same as above</b>          |       |                      |
| Postal code:                                     | <b>Same as above</b>          | Cell: | <b>Same as above</b> |
| Telephone:                                       | <b>Same as above</b>          | Fax:  | <b>Same as above</b> |
| E-mail:  | <b>Same as above</b>          |       |                      |

|   |                               |       |                      |
|---|-------------------------------|-------|----------------------|
| Name of Person in control of the land:                    | <b>Eskom Holdings SOC Ltd</b> |       |                      |
| Name of contact person for person in control of the land: | <b>Same as above</b>          |       |                      |
| Postal address:   | <b>Same as above</b>          |       |                      |
| Postal code:  | <b>Same as above</b>          | Cell: | <b>Same as above</b> |
| Telephone:  | <b>Same as above</b>          | Fax:  | <b>Same as above</b> |
| E-mail:   | <b>Same as above</b>          |       |                      |

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), written consent of landowner/s must be submitted in **APPENDIX 3**.

The originally signed declaration undertaking by the applicant must be submitted as **APPENDIX 9**.

|                                     |  |       |            |
|-------------------------------------|--|-------|------------|
| Provincial Environmental Authority: | <b>Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs</b> |       |            |
| Name of contact person:             | <b>Ms. Robyn Luyt</b>  |       |            |
| Postal address:                     | <b>Private Bag X11219, Mbombela, 1200</b>  |       |            |
| Postal code:                        | <b>1200</b>  | Cell: | <b>n/a</b> |
| Telephone:                          | <b>013 759 4000</b>  | Fax:  | <b>n/a</b> |
| E-mail:                             | <b>rluyt@mpg.gov.za</b>  |       |            |

|   |   |       |                     |
|---|---|-------|---------------------|
| Local Municipality:                               | <b>Victor Khanye Local Municipality</b> |       |                     |
| Name of contact person in (Environmental Section) | <b>Mr. Jacob Nkabinde</b>               |       |                     |
| Postal address:                                   | <b>P.O. Box 6, Delmas, 2210</b>         |       |                     |
| Postal code:                                      | <b>2210</b>                             | Cell: | <b>082 852 0573</b> |
| Telephone:  | <b>082 852 0573</b>                     | Fax:  | <b>n/a</b>          |
| E-mail:   | <b>jacobn@vklm.gov.za</b>               |       |                     |

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 4**.

#### 4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

|   |  |          |   |             |
|---|--|----------|---|-------------|
| Company of Environmental Assessment Practitioner: | <b>Zitholele Consulting (Pty) Ltd</b>  |          |   |             |
| B-BBEE  | <b>Contribution level (indicate 1 to 8 or non-compliant)</b>   | <b>1</b> | <b>Percentage Procurement recognition</b> | <b>135%</b> |
| EAP name:   | <b>Ms. Natasha Lalie</b>   |          |   |             |
| EAP Qualifications:                               | <b>MSc. Environment and Society<br/>BSc. Hons (Geography)<br/>BSc. Botany and Geography</b>  |          |   |             |
| Professional affiliation/registration:            | <b>Registered Environmental Assessment Practitioner (EAP) with Environmental Assessment Association of South Africa (EAPASA) Registration No. 2021/3611.<br/><br/>Member of International Association for Impact Assessment – South Africa (IAIASa).</b> |          |   |             |
| Physical address:                                 | <b>Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand, 1685</b>   |          |   |             |
| Postal address:                                   | <b>P.O. Box 6002, Halfway House 1685</b>   |          |   |             |
| Postal code:                                      | <b>1685</b>  | Cell:    | <b>082 828 6832</b>                       |             |
| Telephone:  | <b>011 207 2060</b>  | Fax:     | <b>086 674 6121</b>                       |             |
| E-mail:   | <b>natashal@zitholele.co.za</b>  |          |   |             |

The appointed EAP must meet the requirements of Regulation 13 of the EIA Regulations, 2014 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 10**.

## 5. PROJECT DESCRIPTION

Please provide a **detailed** description of the project.

The existing overland conveyor system that conveys mixed coarse ash and gypsum from the Kusile Power Station to the radial stacker is operating without stormwater infrastructure, and this has resulted in ash-laden stormwater runoff entering into the nearby wetlands, thereby contaminating the water resources. The proposed stormwater drainage and associated infrastructure is aimed at improving the environmental performance of the power station by eliminating the pollution of the watercourses.

The proposed activities entails the construction of the following infrastructure, viz, stormwater collection channels, Overland Conveyor (OLC) 1&2 collection sump with a working capacity of 125m<sup>3</sup>, the East Settling Tanks (EST) comprising of two compartments and a pump sump with a total storage capacity of 5394.3m<sup>3</sup>, two 250NB interconnecting pipelines (Length = 45m each) from the OLC 1&2 sump to the EST, a 300mm diameter above ground steel pipeline to transfer clarified water from the east settling tank pump sump to the ash dump dirty water drain (Total Length - 688m), the West Settling Tanks (WST) comprising of two compartments and a pump sump with a total storage capacity of 1270.2m<sup>3</sup>, a 200mm diameter overland steel pipeline to transfer clarified water from the west settling tank pump sump to the ash dump dirty water drain (Total Length - 178m) and groundwater interception drains will also be installed underneath east and west settling tank foundations with a groundwater outlet drain pipe draining to into the channelled valley bottom wetland. A gravel access road (169m length and 6m width) will be constructed from the sump to the EST.

|   |          |         |
|---|----------|---------|
| Does the project form part of a Renewable Energy Development Zone (REDZ) as per GN 114?   |          | NO<br>✓ |
| Does the project form part of an Electricity Grid Infrastructure (EGI) as per GN 113?   |          | NO<br>✓ |
| Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?        | YES<br>✓ |         |
| Did you attached the confirmation of SIP obtained from the relevant sector representative (SIP Coordinators) and not a motivation from an EAP | YES<br>✓ |         |

If **YES**, is selected:

- For an application in terms of GN 113 and/or 114, then a map confirming this must be attached;
- For a SIP project, kindly indicate which SIPs are applicable in **APPENDIX 5** and **attach** the confirmation of SIP applications from the relevant sector representative in **APPENDIX 5**. Should no proof be provided, the application will be considered as a normal EIA Application.

Please indicate which sector the project falls under by ticking the relevant block in the table below:

**Table 1: National Sector Classification in terms of Regulation 9 of the EIA Regulations, 2014 as amended**

|   |   |   |    |   |  |
|---|---|---|----|---|--|
| 1 | Infrastructure /Transport Services/Roads – Public         |   | 42 | Services/Waste Management Services/Disposal facilities - General    |  |
| 2 | <b>Infrastructure /Transport Services/Roads – Private</b> | ✓ | 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                        |  |
| 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               |  |
| 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 | <b>Any activities within or close to a watercourse</b>   | ✓ |
| 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 1**

|   |  |                |
|---|--|----------------|
| 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. |  | <b>NO</b><br>✓ |
| If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:<br><br>n/a  |  |                |

## 6. SITE DESCRIPTION

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

|                           |  |
|---------------------------|--|
| Province/s                | <b>Mpumalanga</b>  |
| District Municipality/ies | <b>Nkangala District Municipality</b>  |
| Local Municipality/ies    | <b>Victor Khanye Local Municipality (formerly Delmas Local Municipality)</b> |
| Ward number/s             | <b>9</b>   |
| Nearest town/s            | <b>Balmoral, Delmas, Witbank, Kendal, Kwa-Guqa, Phola</b>                    |

|                          |  |
|--------------------------|--|
| Farm name/s and number/s | <b>Remainder of the Farm Klipfontein No. 566JR<br/>Portion 1 of the Farm Hartebeesfontein 537 JR</b> |
| Portion number/s         | <b>0<br/>1</b>   |

Surveyor General 21 digit code:

(If there are more than 4, please attach a list with the rest of the codes as **APPENDIX 6**. 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 6**.)

|          |          |   |          |   |   |          |   |   |   |   |          |   |   |   |   |   |   |   |   |   |
|----------|----------|---|----------|---|---|----------|---|---|---|---|----------|---|---|---|---|---|---|---|---|---|
| T        | 0        | J | R        | 0 | 0 | 0        | 0 | 0 | 0 | 0 | 0        | 0 | 5 | 6 | 6 | 0 | 0 | 0 | 0 | 0 |
| T        | 0        | J | R        | 0 | 0 | 0        | 0 | 0 | 0 | 0 | 0        | 0 | 5 | 3 | 7 | 0 | 0 | 0 | 0 | 1 |
|          |          |   |          |   |   |          |   |   |   |   |          |   |   |   |   |   |   |   |   |   |
|          |          |   |          |   |   |          |   |   |   |   |          |   |   |   |   |   |   |   |   |   |
| <b>1</b> | <b>2</b> |   | <b>3</b> |   |   | <b>4</b> |   |   |   |   | <b>5</b> |   |   |   |   |   |   |   |   |   |

|                                    |  |
|------------------------------------|--|
| Locality map:                      | <p>A locality map must be attached to the application form, as <b>APPENDIX 7</b>. The scale of the locality map must be at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must include the following:</p> <ul style="list-style-type: none"> <li>• an accurate indication of the project site position as well as the positions of the alternative sites, if any;</li> <li>• road names or numbers of all the major roads as well as the roads that provide access to the site(s)</li> <li>• a north arrow;</li> <li>• a legend;</li> <li>• the prevailing wind direction;</li> <li>• 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</li> <li>• GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should be to at least three decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection)</li> </ul>                                  |
| Project Plan<br>(e.g. Gantt chart) | <p>A project schedule must be submitted as <b>APPENDIX 8</b>, and must include milestones for:</p> <ul style="list-style-type: none"> <li>• public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments);</li> <li>• 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;</li> <li>• the submission of the key documents (e.g. Basic Assessment Report, Scoping Reports, EIA Reports and Environmental Management Programmes).</li> </ul> <p>Note:<br/>All the above dates must take into account the statutory timeframes for authority responses that are stipulated in the 2014 NEMA EIA Regulations. 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 Department be approached for guidance on the process to be followed, prior to submitting an application.</p> |

## 7. ACTIVITIES APPLIED FOR

For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be provided below.

|                                   |   |  |
|-----------------------------------|---|--|
| Activity No(s):                   | Provide the relevant <b>Basic Assessment Activity(ies)</b> as set out in <b>Listing Notice 1</b> of the EIA Regulations, 2014 as amended  | Describe the portion of the proposed project to which the applicable listed activity relates.  |
| <b>Activity 12 of GNR No. 983</b> | The development of—<br>(ii) infrastructure or structures with a physical footprint of 100 square metres or more, where such development occurs—<br>(a) within a watercourse;<br>(b) in front of a development setback; or<br>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.  | The proposed stormwater drainage (v-drain) will occur 32m of the channelled valley bottom wetland.<br><br>The drainage outlet pipe will occur within the channelled valley bottom wetland. A section of the outlet pipe will occur 32m of the wetland.   |
| <b>Activity 19 of GNR No. 983</b> | 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.   | The drainage outlet pipe will occur within the channelled valley bottom wetland.<br><br>The construction of the stormwater drainage infrastructure (V-drain) will not directly impact on the wetland as the v-drain will be constructed within the internal Ash Disposal Facility (ADF) access road at the Kusile Power Station.   |
|                                   |   |  |
| Activity No(s):                   | Provide the relevant <b>Scoping and EIA Activity(ies)</b> as set out in <b>Listing Notice 2</b> of the EIA Regulations, 2014 as amended   | Describe the portion of the proposed project to which the applicable listed activity relates.  |
|                                   | n/a   |  |
|                                   |   |  |
|                                   |   |  |
| Activity No(s):                   | Provide the relevant <b>Basic Assessment Activity(ies)</b> as set out in <b>Listing Notice 3</b> of the EIA Regulations, 2014 as amended  | Describe the portion of the proposed project to which the applicable listed activity relates.  |
| <b>Activity 14 of GNR No. 985</b> | xii) The development of infrastructure or structures with a physical footprint of 10 square metres or more. Where such development occurs –<br>(a) within a watercourse.<br>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse.<br><br>(a) In Mpumalanga:<br>(ii) Outside urban areas, in:<br>(bb) National Protected Area Expansion Strategy Focus Areas (NPAES).<br>(ff) Critical biodiversity areas (CBA) or ecosystems service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans. | The proposed stormwater drainage and associated infrastructure will be more than 10m <sup>2</sup> in extent. The study area occurs in Mpumalanga. A portion of the site occurs within a CBA ( <i>Systematic Biodiversity Plan was adopted by the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs</i> ). A portion of the site falls within the priority focus areas for expansion according to the 2016 NPAES dataset.<br><br>The proposed stormwater drainage (v-drain) will occur 32m of the channelled valley bottom wetland.<br><br>The drainage outlet pipe will occur within the channelled valley bottom wetland. A section of the outlet pipe will occur 32m of the wetland. |
|                                   |   |  |
|                                   |   |  |

Please note that any authorisation that may result from this application will only cover 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.

Coordinate points indicating the location of each listed activity must be provided as part of **APPENDIX 6** as well part of the reports to be submitted. Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

## 8. 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 following was undertaken to invite potential Interested and Affected Parties (I&APs) to register as IA&Ps and provide comments during the project announcement phase:

- A media advertisement in English was placed in the Streek Nuus on 14 October 2022.
- Site notices were placed at the following places on 19 October 2022:
  - An English site notice was placed on a fence outside the Kusile Power Station
  - English and Afrikaans site notices were placed on the paliscade fence outside the Victor Khanye Local Municipality
  - English and Afrikaans site notices were placed at the Delmas Public Library
- A Background Information Document (BID) was distributed via email to I&APs on the database on 24 October 2022.

The stakeholders that requested to be captured as registered I&APs were included in a registered I&APs database. This database will be updated as and when new I&APs request registration, participate and comment during the process.

The Draft Basic Assessment Report (DBAR) will be made available for public review and comment for a period of 30 days. The following will be undertaken to inform I&APs of the availability of the Draft BAR for public review:

- A newspaper advertisement will be published in the Streek Nuus;
- Site notices will be placed at the venues as listed above; and
- Notification letters will be distributed to registered I&APs and the I&APs on the database.

Following the public review of the Draft BAR, the comments received from the public will be responded to by the EAP. The Comments and Responses Report will be included in the Final BAR that will submitted to the DFFE for review and decision-making as per the legislated process.

## 9. OTHER AUTHORISATIONS REQUIRED

|  |     |     |         |
|--|-----|-----|---------|
| Are there any other applications for Environmental Authorisation on the same property? |     | YES | NO<br>✓ |
| If YES, please indicate the following:   |     |     |         |
| Competent Authority  | n/a |     |         |
| Application Reference Number   | n/a |     |         |
| Project Name   | n/a |     |         |
| Please provide details of the steps taken to ascertain this information:               |     |     |         |
| n/a  |     |     |         |

**IF YES IS SELECTED, PLEASE ATTACH OTHER AUTHORISATIONS ISSUED.**

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

| LEGISLATION   | AUTHORISATION REQUIRED |                | APPLICATION SUBMITTED |                |
|---|------------------------|----------------|-----------------------|----------------|
|   | YES                    | NO             | YES                   | NO             |
| <b>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.)</b> | <b>YES</b>             | <b>NO</b><br>✓ | YES                   | NO             |
| National Water Act (Act No. 36 of 1998)   | <b>YES</b><br>✓        | NO             | <b>NO</b>             | <b>NO</b><br>✓ |
| National Environmental Management: Air Quality Act (Act No. 39 of 2004)   | <b>NO</b><br>✓         | <b>NO</b><br>✓ | YES                   | NO             |
| National Environmental Management: Biodiversity Act (Act No. 10 of 2004)  | <b>NO</b><br>✓         | <b>NO</b><br>✓ | YES                   | NO             |
| National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008)   | <b>NO</b><br>✓         | <b>NO</b><br>✓ | YES                   | NO             |
| National Environmental Management: Protected Areas Act (Act No. 57 of 2003)   | <b>NO</b><br>✓         | <b>NO</b><br>✓ | YES                   | NO             |
| National Environmental Management: Waste Act (Act No. 59 of 2008)   | <b>NO</b><br>✓         | <b>NO</b><br>✓ | YES                   | NO             |
| Others: Please specify  | YES                    | NO             | YES                   | NO             |
|   | n/a                    |                |                       |                |

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; 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. 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.

**10. LIST OF APPENDICES**

|             |  | <b>SUBMITTED</b> |  |                |
|-------------|--|------------------|--|----------------|
| APPENDIX 1  | Copy of the pre-application meeting minutes                                    | <b>YES</b><br>✓  |  |                |
| APPENDIX 2  | <del>Proof of Payment</del> / Motivation for exclusion                         | <b>YES</b><br>✓  |  |                |
| APPENDIX 3  | List of land owners (with contact details) and written consent of land owners. |                  |  | <b>NO</b><br>✓ |
| APPENDIX 4  | List of Local/Provincial Authority involved (with contact details)             | <b>YES</b><br>✓  |  |                |
| APPENDIX 5  | Strategic Infrastructure Projects  | <b>YES</b><br>✓  |  |                |
| APPENDIX 6  | List of SGIDs and coordinates  | <b>YES</b><br>✓  |  |                |
| APPENDIX 7  | Locality map   | <b>YES</b><br>✓  |  |                |
| APPENDIX 8  | Project schedule   | <b>YES</b><br>✓  |  |                |
| APPENDIX 9  | Declaration of Applicant   | <b>YES</b><br>✓  |  |                |
| APPENDIX 10 | Declaration of EAP and undertaking under oath or affirmation                   | <b>YES</b><br>✓  |  |                |
| APPENDIX 11 | Screening Tool Report  | <b>YES</b><br>✓  |  |                |
| APPENDIX 12 | Undertaking under Oath / Affirmation   | <b>YES</b><br>✓  |  |                |



**APPENDIX 1  
COPY OF THE PRE-APPLICATION MEETING MINUTES**

**Amendment of Environmental Authorisation (EA) for the proposed construction of stormwater drainage and associated infrastructure at Kusile Power Station, Mpumalanga**

**PRE-APPLICATION MEETING WITH THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT (DFFE) – DRAFT MINUTES**

**CLIENT** : Eskom Holdings SOC Ltd  
**CONSULTANT** : Zitholele Consulting (Pty) Ltd  
**PROJECT NO.** : 22018  
**DATE** : 15 August 2022  
**TIME** : 10h00 to 11h00  
**VENUE** : MS Teams  
**REFERENCE** : 2022-07-0023

**PRESENT**

|                                 |    |                                  |    |
|---------------------------------|----|----------------------------------|----|
| Ms. Natasha Lalie (ZC)          | NL | Ms. Samkelisiwe Dlamini (DFFE)   | SD |
| Ms. Masina Morudu (DFFE)        | MM | Ms. Tselane Cele (Eskom)         | TC |
| Mr. Siphilwe Mahlangu (Eskom)   | SM | Mr. Phathamandla Sithole (Eskom) | PS |
| Mr. Nhlanhla Tshabalala (Eskom) | NT |                                  |    |

**APOLOGIES**

Dr. Mathys Vosloo (ZC) MV

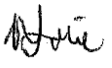
| ITEM     | DISCUSSION POINTS   | ACTION, DATE |
|----------|---|--------------|
| <b>1</b> | <b>AGENDA</b>   |              |
| 1.1      | <p>The Agenda items were accepted by all as follows:</p> <ol style="list-style-type: none"> <li>1. Welcome and Introduction</li> <li>2. Project Background</li> <li>3. Motivation for Project</li> <li>4. Project and Process Description               <ol style="list-style-type: none"> <li>a) Project Description and Scope for proposed stormwater infrastructure</li> <li>b) Conditions of Environmental Authorisation and activities authorised</li> </ol> </li> <li>5. Potential listed activities</li> <li>6. Part 2 Amendment of EA Process</li> <li>7. Public Participation Process</li> <li>8. DFFE Screening Tool</li> <li>9. Additional Specialist Studies</li> <li>10. Conclusion</li> <li>11. DFFE specific requirements</li> <li>12. Discussion</li> <li>13. Way forward</li> </ol> <p>Refer to the presentation attached in Appendix 2.</p> | Note         |

|          |  |   |
|----------|--|---|
| <b>2</b> | <b>WELCOME AND INTRODUCTIONS</b>   |   |
| 2.1      | <b>NL</b> opened the meeting and welcomed all attendees. All present introduced themselves. Refer to the Attendance Register in Appendix 1.  | Note  |
| <b>3</b> | <b>PROJECT BACKGROUND, PROJECT DESCRIPTION AND MOTIVATION FOR PROJECT</b>  |   |
| 3.1      | <p><b>NL</b> indicated that the proposed stormwater drainage and associated infrastructure will be constructed to ensure that operation of the Overland Conveyor (OLC) system will be in compliance with the environmental requirements. The proposed stormwater infrastructure will mitigate the impacts of ash laden water entering into the nearby watercourses.</p> <p>It was noted that the following infrastructure will be constructed:</p> <p>A concrete stormwater V-drain on either side of the OLC system,<br/>Sump 1 will act as a drainage basin to temporarily store ash laden water from the dirty catchment area;<br/>Sump 2<br/>A 300mm diameter overland pipeline to the existing stormwater channel with will drain into the Ash Dump Dirty Dam (ADDD).<br/>A new gravel access road to the sump 1 and sump 2 for operation and maintenance purposes.</p> | Note  |
| <b>4</b> | <b>CONDITIONS OF THE ENVIRONMENTAL AUTHORISATION TO BE AMENDED AND THE ACTIVITIES AUTHORISED</b>   |   |
| 4.1      | <b>NL</b> indicated that the Applicant, Eskom Holdings SOC Ltd intends to apply for amendment of the EA ( <i>Ref No: 14/12/16/3/3/1/700</i> ) for the dirty water pipeline between the ash dump and the ash dump dirty dam, silt retention dam and toe drains within wetlands at the Kusile Power Station. The impending EA amendment will assess the impact of the proposed stormwater drainage and associated infrastructure as a Part 2 amendment process.  | Note  |
| <b>5</b> | <b>Potential Listed Activities</b>   |   |
| 5.1      | <p><b>NL</b> indicated that triggers for any potential listed activities will be confirmed upon finalisation of the Specialist Studies.</p> <p><b>NL</b> indicated that the DFFE Screening Tool shows the entire site to be falling within CBA2. The Mpumalanga Biodiversity Sector Plan indicates that the site does not fall within a CBA. <b>NL</b> enquired if the DFFE could confirm if the DFFE Screening Tool or the Mpumalanga Biodiversity Sector Plan be used.</p> <p><b>MM</b> replied that the Screening Tool is not accurate and therefore Specialist Studies must be used, as it is more accurate.</p>   | <p><b>NL</b>, 5 September 2022</p> <p><b>NL</b>, 5 September 2022</p> |
| <b>6</b> | <b>Discussion</b>  |   |
| 6.1      | <b>SD</b> stated that, should the Specialist Studies indicate that there are no triggers for any listed activities in terms of the EIA Regulations of 2014 ( <i>as amended</i> ), a Part 2 amendment of EA process will need to be   | <b>NL</b> , 5 September 2022  |

|          |   |   |
|----------|---|---|
|          | <p>undertaken. However, if there are any triggers, a Basic Assessment (BA) process would need to be undertaken.</p> <p><b>SD</b> added that the Application for Amendment of the EA and the Draft Amendment / Assessment Report must be submitted to the DFFE (EIA Section) and the Biodiversity and Conservation Section of the DFFE simultaneously with public review of the Draft Report.</p> <p><b>SM</b> enquired if Public Open House Meetings could be undertaken via MS Teams. <b>MM</b> replied that physical meetings are allowed since COVID -19 restrictions have been lifted.</p>  | <p><b>NL</b>, 1 October 2022</p> <p><b>NL</b>, 1 October 2022</p> |
| <b>7</b> | <b>Specialist Studies (<i>findings of DFFE Screening Tool</i>)</b>  |   |
| 7.1      | <p><b>NL</b> presented the Specialist Studies identified to be undertaken during assessment Process (<i>as per the DFFE Screening Tool</i>).</p> <p><b>NL</b> motivated that a Landscape / Visual Impact Assessment (VIA) will not be undertaken for the project based on the explanation herein. The site occurs within the boundary of the existing Kusile Power Station. The proposed infrastructure will be at-ground level. There are no sensitive receptors surrounding the site that will have direct views of the site.</p> <p>Due to the transformed nature of the site, it was motivated that an Archaeological and Cultural Heritage Impact Assessment and a Palaeontological Impact Assessment will not be undertaken. An Exemption letter for Archaeological &amp; Cultural Heritage and the Palaeontological Impact Assessment will be obtained and will be submitted to South African Heritage Resources Agency (SAHRA).</p> <p><b>NL</b> stated that the existing Terrestrial Biodiversity Impact Assessment, the Aquatic Biodiversity Impact Assessment (including Wetland Delineation and Functional Assessment), and Hydrological Impact Assessment will be reviewed, gaps identified and addressed in the assessment of the impacts of the proposed development on floral and faunal assemblages.</p> <p><b>NL</b> stated that a Socio-Economic Impact Assessment will not be undertaken due to the motivation herein. There are no sensitive receptors surrounding the site. Limited jobs are to be created during the construction phase. The project will have a positive impact in terms of improved environmental performance, as it will eliminate dirty water (ash laden water) spills into the surround environment.</p> <p><b>NL</b> stated that the Plant and Animal Species Assessment will be incorporated into the Terrestrial Biodiversity Impact Assessment.</p> <p><b>MM</b> replied that the Department will not, at the Pre-Application Meeting, indicate if a Specialist Study must be undertaken or not. She added that the motivation for not undertaking a specific Specialist Study must be explained in the Draft Assessment/Amendment Report.</p> <p><b>NL</b> indicated that a motivation for not undertaking this study will be provided in the forthcoming Draft Assessment Report for public review and comment.</p> | <p>Noted</p> <p><b>NL</b>, 1 October 2022</p>                     |
| <b>8</b> | <b>CLOSURE</b>  |   |
| 8.1      | <p><b>NL</b> thanked all attendees for their participation and closed the meeting. With no further matters arising, the meeting ended at approximately</p>  | Note  |

PO Box 6002 Halfway House 1685, South Africa  
Building 1, Maxwell Office Park, Magwa Crescent West  
c/o Allandale Road & Maxwell Drive, Waterfall City, Midrand  
Tel + (27) 11 207 2060  
Fax + (27) 86 674 6121

|  |        |  |
|--|--------|--|
|  | 14h00. |  |
|--|--------|--|

| ACTION   | FUNCTION                                    | NAME                    | DATE       | SIGNATURE   |
|----------|---|-------------------------|------------|---|
| Prepared | Environmental Assessment Practitioner (EAP) | Ms. N. Lalie            | 25.08.2022 |  |
| Reviewed | Associate Director and Environmental Lead   | Dr. Mathys Vosloo       | 31.08.2022 | Electronically signed   |
| Approved | Eskom Project Manager                       | Mr. S. Mahlangu         | 09.09.2022 | Electronically signed   |
| Approved | DFFE  | Ms. Samkelisiwe Dlamini |            |   |

**Appendix 1: Record of the meeting attendance**

### 1. Summary

Meeting title Ref No: 2022-07-0023\_Pre-Application Meeting\_Stormwater infrastructure at the Kusile Power Station, Mpumalanga  
Attended participants 7  
Start time 22/08/15, 09:57:52  
End time 22/08/15, 10:52:49  
Meeting duration 54m 57s  
Average attendance time 48m 51s

### 2. Participants

| Name                 | First join         | Email                    | Participant ID (UPN)        |
|----------------------|--------------------|--------------------------|-----------------------------|
| Natasha Lalie        | 22/08/15, 09:58:23 | Natashal@zitholele.co.za | Natashal@zitholele.co.za    |
| Tselane Cele         | 22/08/15, 09:58:28 | MoloiTL@eskom.co.za      | MoloiTL@eskom.co.za         |
| Samkelisiwe Dlamini  | 22/08/15, 10:01:27 | SDLAMINI@dffe.gov.za     | sdlamini@environment.gov.za |
| Siphiwe Mahlangu     | 22/08/15, 10:01:31 | MahlanFS@eskom.co.za     | MahlanFS@eskom.co.za        |
| Phathamandla Sithole | 22/08/15, 10:02:54 | SitholPa@eskom.co.za     | SitholPa@eskom.co.za        |
| Masina Morudu        | 22/08/15, 10:05:11 | memorudu@dffe.gov.za     | memorudu@environment.gov.za |
| Nhlanhla Tshabalala  | 22/08/15, 10:05:20 | TshabaNI@eskom.co.za     | TshabaNI@eskom.co.za        |

### 3. In-Meeting activities

| Name                 | Join time          | Email                    | Role      |
|----------------------|--------------------|--------------------------|-----------|
| Natasha Lalie        | 22/08/15, 09:58:23 | Natashal@zitholele.co.za | Organiser |
| Tselane Cele         | 22/08/15, 09:58:28 | MoloiTL@eskom.co.za      | Presenter |
| Samkelisiwe Dlamini  | 22/08/15, 10:01:27 | SDLAMINI@dffe.gov.za     | Presenter |
| Siphiwe Mahlangu     | 22/08/15, 10:01:31 | MahlanFS@eskom.co.za     | Presenter |
| Phathamandla Sithole | 22/08/15, 10:02:54 | SitholPa@eskom.co.za     | Presenter |
| Masina Morudu        | 22/08/15, 10:05:11 | memorudu@dffe.gov.za     | Presenter |
| Nhlanhla Tshabalala  | 22/08/15, 10:05:20 | TshabaNI@eskom.co.za     | Presenter |

**Appendix 2: Presentation**



**Proposed construction of stormwater drainage and associated infrastructure at  
Kusile Power Station, Mpumalanga**

**FOLLOW-UP PRE-APPLICATION MEETING WITH THE DEPARTMENT OF FORESTRY,  
FISHERIES AND THE ENVIRONMENT (DFFE) – DRAFT MINUTES**

**CLIENT** : Eskom Holdings SOC Ltd  
**CONSULTANT** : Zitholele Consulting (Pty) Ltd  
**PROJECT NO.** : 22018  
**DATE** : 4 October 2022  
**TIME** : 11h00 to 12h00  
**VENUE** : MS Teams  
**REFERENCE** : 2022-07-0023

**PRESENT**

|                             |    |                                |    |
|-----------------------------|----|--------------------------------|----|
| Ms. Natasha Lalie (ZC)      | NL | Ms. Samkelisiwe Dlamini (DFFE) | SD |
| Ms. Masina Morudu (DFFE)    | MM | Mr. Sipiwe Mahlangu (Eskom)    | SM |
| Ms. Jessica Morwasehla (ZC) |    |                                |    |

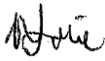
**APOLOGIES**

Dr. Mathys Vosloo (ZC) MV

| ITEM     | DISCUSSION POINTS   | ACTION, DATE |
|----------|---|--------------|
| <b>1</b> | <b>AGENDA</b>   |              |
| 1.1      | <p>The Agenda items were accepted by all as follows:</p> <ol style="list-style-type: none"> <li>1. Welcome and Introduction</li> <li>2. Recap - Project Background</li> <li>3. Motivation for Project</li> <li>4. Project Description</li> <li>5. Conditions of the Environmental Authorisation (EA)</li> <li>6. Part 2 Amendment of EA Process and Listed Activities of 2010 vs Similarly listed activities of 2014 (<i>proposed stormwater drainage and associated infrastructure</i>)</li> <li>7. Public Participation Process</li> <li>8. DFFE Screening Tool</li> <li>9. Additional Specialist Studies</li> <li>10. DFFE specific requirements</li> <li>11. Discussion</li> </ol> <p>Refer to the presentation attached in Appendix 2.</p> | Note         |
| <b>2</b> | <b>WELCOME AND INTRODUCTIONS</b>  |              |
| 2.1      | <b>NL</b> opened the meeting and welcomed all attendees. All present introduced themselves. Refer to the Attendance Register in Appendix 1.   | Note         |

|          |   |  |
|----------|---|--|
| <b>3</b> | <b>RE-CAP - PROJECT BACKGROUND</b>  |  |
| 3.1      | Refer to Appendix 2: Presentation slide<br><b>NL</b> indicated that a Pre-Application Meeting was held with the DFFE on 15 August 2022 for this project. The intension of the follow-up Pre-Application Meeting is to provide the DFFE with an update of the findings of the Specialist Studies and present the potential triggered listed activities in terms of the EIA Regulations of 2014 ( <i>as amended</i> ).  | Note   |
| <b>4</b> | <b>MOTIVATION FOR PROJECT</b>   |  |
| 4.1      | Refer to Appendix 2: Presentation slide   | Note   |
| <b>5</b> | <b>PROJECT DESCRIPTION</b>  |  |
| 5.1      | Refer to Appendix 2: Presentation slide   | Note   |
| <b>6</b> | <b>CONDITIONS OF THE ENVIRONMENTAL AUTHORISATION (EA)</b>   |  |
| 6.1      | Refer to Appendix 2: Presentation slide   | Note   |
| <b>7</b> | <b>PART 2 AMENDMENT OF EA PROCESS AND LISTED ACTIVITIES OF 2010 VS SIMILARLY LISTED ACTIVITIES OF 2014 (<i>proposed stormwater drainage and associated infrastructure</i>)</b>  |  |
| 7.1      | Refer to Appendix 2: Presentation slide<br><br>The DFFE officials indicated that the EA for the DEA/EIA/0001461/2012 (dated 5 April 2013) authorised activities which have already been constructed. Therefore, the EA cannot be amended to include construction of the stormwater drainage infrastructure that are proposed.<br><br><b>NL</b> indicated that the Terrestrial Biodiversity Compliance Statement and the Wetland and Aquatic Baseline and Impact Assessment have been completed. The listed activities that are triggered for the proposed stormwater infrastructure includes listed activities of Listing Notice 1 and Listing Notice 3 of the EIA Regulations of 2014.<br><br>The DFFE officials indicated that a new Application for an Environmental Authorisation must be lodged with the DFFE by way of a Basic Assessment (BA) Process.<br><br><b>NL</b> replied that a BA process will be undertaken and not an Amendment of EA process. | Note<br><br>Note<br><br>ZC, November 2022<br><br>ZC, November 2022 |
| <b>8</b> | <b>PUBLIC PARTICIPATION PROCESS</b>   |  |
| 8.1      | <b>NL</b> indicated that the Draft Basic Assessment Report (BAR) will be made available for public review and comment for 30 days and this report will be submitted to the DFFE for comment, simultaneously with the public review period. <b>NL</b> added that the Biodiversity and Conservation Department of DFFE will be notified of the availability of the Draft BAR for public review and comment.   | ZC, November 2022  |

|           |  |      |
|-----------|--|------|
| <b>9</b>  | <b>DFFE SCREENING TOOL</b>   |      |
| 9.1       | <p><b>NL</b> presented the findings of the web-based DFFE Screening Tool Report in terms of the recommended Specialist Studies.</p> <p><b>NL</b> added that most of the Specialist Studies listed in the Screening Tool will be undertaken, however, motivation for not undertaking a Visual Impact Assessment (VIA) and Socio-Economic Impact Assessment (SEIA) will be provided in the Draft BAR.</p> <p><b>NL</b> added that additional Specialist Studies deemed relevant for the project are the Wetland Rehabilitation Plan and a Geohydrological Impact Assessment.</p> | Note |
| <b>10</b> | <b>DFFE SPECIFIC REQUIREMENTS</b>  |      |
| 10.1      | The DFFE did not state their specific requirements. <b>SD</b> indicated that she will be the Environmental Officer (EO) who will assess the Application for EA.  | Note |
| <b>11</b> | <b>CLOSURE</b>   |      |
| 11.1      | <b>NL</b> thanked all attendees for their participation and closed the meeting. With no further matters arising, the meeting ended at approximately 12h00.   | Note |

| <b>ACTION</b> | <b>FUNCTION</b>                             | <b>NAME</b>             | <b>DATE</b> | <b>SIGNATURE</b>  |
|---------------|---|-------------------------|-------------|---|
| Prepared      | Environmental Assessment Practitioner (EAP) | Ms. N. Lalie            | 24.10.2022  |  |
| Reviewed      | Eskom Project Manager                       | Mr. S. Mahlangu         | 27.10.2022  | Electronically signed   |
| Approved      | DFFE  | Ms. Samkelisiwe Dlamini |             |   |

**Appendix 1: Record of the meeting attendance**

### 1. Summary

Meeting title 2022-07-0023\_Follow-Up Pre-Application Meeting for Amendment of EA to construct stormwater infrastructure at the Kusile Power Station  
Attended participants 5  
Start time 22/10/04, 11:00:08  
End time 22/10/04, 12:02:59  
Meeting duration 1h 2m 51s  
Average attendance time 54m 23s

### 2. Participants

| Name                | First join         | Last leave         | In-meeting duration | Email                    | Role      |
|---------------------|--------------------|--------------------|---------------------|--------------------------|-----------|
| Natasha Lalie       | 22/10/04, 11:00:13 | 22/10/04, 12:02:50 | 1h 2m 37s           | Natashal@zitholele.co.za | Organiser |
| Siphiwe Mahlangu    | 22/10/04, 11:01:17 | 22/10/04, 12:02:59 | 1h 1m 42s           | MahlanFS@eskom.co.za     | Presenter |
| Jessica Morwasehla  | 22/10/04, 11:01:23 | 22/10/04, 11:57:33 | 56m 9s              | jessicam@zitholele.co.za | Presenter |
| Samkelisiwe Dlamini | 22/10/04, 11:11:31 | 22/10/04, 11:57:36 | 46m 4s              | SDLAMINI@dffe.gov.za     | Presenter |
| Masina Morudu       | 22/10/04, 11:12:09 | 22/10/04, 11:57:33 | 45m 24s             | memorudu@dffe.gov.za     | Presenter |

### 3. In-Meeting activities

| Name                | Join time          | Leave time         | Duration  | Email                    |
|---------------------|--------------------|--------------------|-----------|--------------------------|
| Natasha Lalie       | 22/10/04, 11:00:13 | 22/10/04, 12:02:50 | 1h 2m 37s | Natashal@zitholele.co.za |
| Siphiwe Mahlangu    | 22/10/04, 11:01:17 | 22/10/04, 12:02:59 | 1h 1m 42s | MahlanFS@eskom.co.za     |
| Jessica Morwasehla  | 22/10/04, 11:01:23 | 22/10/04, 11:57:33 | 56m 9s    | jessicam@zitholele.co.za |
| Samkelisiwe Dlamini | 22/10/04, 11:11:31 | 22/10/04, 11:57:36 | 46m 4s    | SDLAMINI@dffe.gov.za     |
| Masina Morudu       | 22/10/04, 11:12:09 | 22/10/04, 11:57:33 | 45m 24s   | memorudu@dffe.gov.za     |

**Appendix 2: Presentation**

**AMENDMENT OF ENVIRONMENTAL AUTHORISATION (EA)  
FOR THE CONSTRUCTION OF A STORMWATER DRAINAGE AND ASSOCIATED  
INFRASTRUCTURE AT KUSILE POWER STATION, MPUMALANGA**

**Follow-Up Pre-Application Meeting with Department of  
Forestry, Fisheries and the Environment**

Reference Number: 2022-07-0023

Natasha Lalie  
4 October 2022  
22018

# Agenda



1. Welcome and Introduction
2. Recap - Project Background
3. Motivation
4. Project Description
5. Conditions of the Environmental Authorisation
6. Part 2 Amendment of EA Process and Listed activities of 2010 vs Similarly listed activities of 2014 (*proposed stormwater drainage and associated infrastructure*)
7. Public Participation Process
8. DFFE Screening Tool
9. Additional Specialist Studies
10. DFFE specific requirements
11. Discussion
12. Way forward



# 1. Welcome and Introductions

Eskom Holdings SOC Ltd appointed Zitholele to amend the EA for the construction of the dirty water pipeline between the ash dump and the ash dump dirty dam, silt retention dam and toe drains within the wetlands at the Kusile Power Station, in order to construct proposed stormwater drainage and associated infrastructure at Kusile Power Station, Mpumalanga.

## 2. Project Background

- The overland link conveyor 1 & 2 (OLC 1 & 2) system transmits mixed coarse ash and gypsum from the station to the radial stacker.
- The system is operating without stormwater drainage infrastructure to contain ash contaminated water along the conveyor servitudes, and this resulted in ponding and environmental contamination.
- The ash contaminated water has resulted in environmental non-conformances being issued to the Kusile Power Station for its operations around the radial stacker.

## 2. Project Background...*continued*

- This project is initiated to provide stormwater drainage infrastructure to ensure operation of the OLC 1 & 2 system is in compliance with the environmental requirements.
- The current operational methodology is contaminating the surrounding environment as the system is operating without a dirty stormwater drainage infrastructure.

# 3. Motivation for Project

- The proposed OLC 1&2 dirty stormwater drainage system will improve the environmental performance.
  - Eliminate dirty water (ash laden water) spills into the surround environment.
  - Operations to comply with environmental requirements.
  - Eliminate risks of the Power Station being shutdown due to environmental contravention.

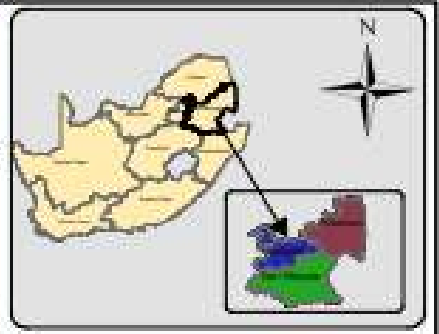
## 4. Project Description for proposed stormwater infrastructure

- A dirty stormwater drainage system for the identified dirty area footprint to prevent dirty water from contaminating the surrounding environment.
- A sump to act as a drainage basin to temporarily store ash laden water from the identified dirty catchment area.
- Surface V-drain channels to drain ash laden water from the foundation slab to the sump.
- Sump (10m x 5m and 2.5m deep) to be emptied by electrical pumps with the water being pumped to the proposed Transfer House 9 tank.
- A crawl beam for pump maintenance.

## 4. Project and Scope Description for proposed stormwater infrastructure...continued

- New 300mm dia overland pipeline
- Gravel road (approximately 5.5m in width and 150m in length, to be design by contractor) for operation and maintenance.
- East settling tank
- West settling tank
- Two pipe bridges

Information contained on this drawing is the property of SITHOLELE CONSULTING (Pty) Ltd. Unauthorised use or reproduction of this drawing without the prior written consent of SITHOLELE CONSULTING (Pty) Ltd.



**Legend**

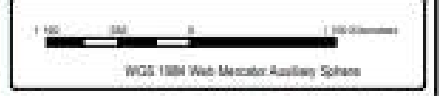
- New 300mmHD pipeline ( 25° 55.879S, 28° 54.429E)
- V-Drain ( 25° 55.588S, 28° 54.479E)
- Proposed access road ( 25° 55.862S, 28° 54.424E)
- ▨ New stormwater drain ( 25°55'44.307S, 28°54'15.57E)
- ▭ Eastern Settling Tank ( 25° 55.644S, 28° 54.442E)
- ▭ Bump ( 25° 55.812S, 28° 54.468E)
- Western Settling tank ( 25° 55.717S, 28° 54.202E)
- New 300mm pipeline ( 25° 55.782S, 28° 54.258E)
- New drain outlet pipe ( 25° 55.887S, 28° 54.347E)
- ▨ NEMA2019 Wetlands

**Mpumalanga Biodiversity Sector Plan**

- ▭ Critical Biodiversity Area
- ▭ Heavily or moderately modified

**KUSILE POWER STATION**

**LAYOUT MAP**



|  |          |    |             |             |         |
|--|----------|----|-------------|-------------|---------|
|  | DESIGNER | AM | 10 Aug 2023 | PROJECT No. | 22011   |
|  | CHECKER  | MF | 10 Aug 2023 | SCALE       | 1:5 852 |
|  | REVISION | MF | 10 Aug 2023 | REV         | REV1    |

# Google earth



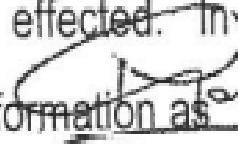
## 5. Conditions of the EA and activities authorised

- EA (Ref No: 14/12/16/3/3/1/700) for the dirty water pipeline between the ash dump and the ash dump dirty dam, silt retention dam and toe drains within wetlands at the Kusile Power Station – **issued on 5 April 2013.**

### Activities authorised

- Construction of the ash dump dirty dam and settling dams within the wetland
  - Construction of toe drains within a wetland
  - **Construction of the ash dump access embankment (with culvert) within a wetland**
  - Crossing of wetlands by pipeline between the ash dump dirty dam and the station dirty dam
  - Crossing of wetlands by a dirty water pipeline between the ash dump and the ash dump dirty dam
  - Crossing of wetlands by the fence-lines around the Kusile ash dump and the Kusile Power Station
  - Infilling of soil and rock into a wetland for the construction of the ash dump access embankment (with culvert)
  - Removal of soil located in a wetland for the construction of the ash dump dirty dam and the depositing of ash material exceeding 5m<sup>3</sup> into the wetland for storage purposes using a water management facility
- Ash Dump EMP for the Radial Stacker

## 5. Conditions of the EA and activities authorised...continued

5. Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as 

it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.

## 5. Conditions of the EA

- DEA/EIA/0001461/2012 (dated 5 April 2013).
- Condition 6: The activity must commence within three (3) years from the date of issue of this authorisation. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
- *N.B. All the activities that were authorised commenced within 3 years of 5 April 2013. The authorised activities have been constructed. The EA therefore does not lapse.*

## 6. Part 2 Amendment of EA

- The construction of the ash dump access embankment (with culvert) in a wetland, was approved in the EA of 5 April 2013 and construction has been completed.
- The proposed stormwater V-drains underneath the existing Overland Conveyor, proposed sump, east settling tank, 300mm dia overland pipeline, new gravel access road, interconnecting pipelines, west settling tank and associated infrastructure, occurs within the ash dump access embankment.
- The impacts associated with the construction of the above proposed infrastructure will be assessed in the Part 2 amendment of EA. Therefore, the detail contained within the EA would require amendment to include the construction of the abovementioned stormwater drainage and associated infrastructure.

# 6. Part 2 Amendment of EA

- The following listed activities were approved in the EA for the construction of the ash dump access embankment and the following similarly listed activities are triggered for the construction of the stormwater drainage and associated infrastructure within the wetland and within 32m of the wetland:

| Listed Activities Authorised in terms of 2010 EIA Regulations   | Similarly Listed Activities of 2014 EIA Regulations  | Applicability of the listed activity for the construction of stormwater drainage and associated infrastructure  |
|---|--|---|
| <p><b>Listed Activity 11 (GNR 544):</b></p> <p><b>The construction of:</b></p> <p><b>(ii) channels</b></p> <p><b>(iv) dams</b></p> <p><b>where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</b></p> | <p><b>Listed Activity 12 (GNR 983):</b></p> <p>The development of—</p> <p>(ii) infrastructure or structures with a physical footprint of 100 square metres or more where such development occurs—</p> <p>(a) within a watercourse;</p> <p>(b) in front of a development setback; or</p> <p>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.</p> | <p>The proposed stormwater drainage (v-drain) will occur 32m of the channelled valley bottom wetland.</p> <p>The drainage outlet pipe will occur within the channelled valley bottom wetland.</p> |

| Listed Activities Authorised in terms of 2010 EIA Regulations   | Similarly Listed Activities of 2014 EIA Regulations   | Applicability of the listed activity for the construction of stormwater drainage and associated infrastructure  |
|---|---|---|
| <p><b>Listed Activity 11 (GNR 544):</b></p> <p><b>The construction of:</b></p> <p><b>(ii) channels</b></p> <p><b>(iv) dams</b></p> <p><b>where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</b></p> | <p>Listed Activity 14 (GNR 985):</p> <p>(xii) The development of infrastructure or structures with a physical footprint of 10 square metres or more.</p> <p>Where such development occurs –</p> <p>(a) within a watercourse.</p> <p>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse.</p> <p>(a) In Mpumalanga:</p> <p>(ii) Outside urban areas, in:</p> <p>(ff) Critical biodiversity areas (CBA) or ecosystems service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p> | <p>The proposed stormwater drainage and associated infrastructure will be more than 10m<sup>2</sup> in extent. The study area occurs in Mpumalanga. A portion of the site occurs within a CBA (<i>Systematic Biodiversity Plan was adopted by the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs</i>).</p> <p>The proposed stormwater drainage (v-drain) will occur 32m of the channelled valley bottom wetland.</p> <p>The drainage outlet pipe will occur within the channelled valley bottom wetland.</p> |

| Listed Activities Authorised in terms of 2010 EIA Regulations   | Similarly Listed Activities of 2014 EIA Regulations  | Applicability of the listed activity for the construction of stormwater drainage and associated infrastructure |
|---|--|--|
| <p><b>Listed Activity 11 (GNR 544):</b></p> <p><b>The construction of:</b></p> <p><b>(ii) channels</b></p> <p><b>(iv) dams</b></p> <p><b>where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</b></p> | <p>Listed Activity 23 (GNR 985):</p> <p>The expansion of:</p> <p>(xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more.</p> <p>In Mpumalanga,</p> <p>ii. Outside urban areas, in:</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p> | <p>See explanation above.</p>  |



| Listed Activities Authorised in terms of 2010 EIA Regulations   | Similarly Listed Activities of 2014 EIA Regulations   | Applicability of the listed activity for the construction of stormwater drainage and associated infrastructure  |
|---|---|---|
| <p><b>Listed Activity 18 (GNR 544):</b></p> <p><b>The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock from (i) a watercourse.</b></p> | <p>Listed Activity 19 (GNR 983):</p> <p>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.</p> | <p>The drainage outlet pipe will occur within the channelled valley bottom wetland.</p> <p>The construction of the stormwater drainage infrastructure (V-drain) will not directly impact on the wetland as the v-drain will be constructed within the internal access road at the Kusile Power Station.</p> |

## 6. Part 2 Amendment of EA process

- A comparison has been made of the listed activities that were authorised in terms of the 2010 EIA Regulations, and the similarly listed activities that are triggered for the proposed stormwater drainage and associated infrastructure that will occur within the approved ash dump access embankment. A Part 2 amendment of EA will therefore be conducted for the proposed stormwater drainage and associated infrastructure.
- Holder of the EA from Eskom will also change. This will be included in the Part 2 EA amendment.

# 6. Part 2 Amendment of EA process...continued

- Application for amendment of EA to be lodged
- In 90 days submit:
- a report, reflecting—
  - (i) an assessment of all impacts related to the proposed change;
  - (ii) advantages and disadvantages associated with the proposed change;  
and
  - (iii) measures to ensure avoidance, management and mitigation of impacts associated with such proposed change;
- Environmental Management Programme.

# 7. Public Participation Process

- Draft Assessment Report to be available for public review and comment by Interested and Affected Parties (I&APs) for a 30 day period.

# 8. DFFE Screening Tool

| No. | Specialist Assessment                                  | Motivation   |
|-----|--|--|
| 1.  | Landscape/Visual Impact Assessment                     | <p>This study will not be conducted.</p> <p>The site occurs within the boundary of the existing Kusile Power Station. The proposed infrastructure will be at-ground level. There are no sensitive receptors surrounding the site that will have direct views of the site.</p>  |
| 2.  | Archaeological and Cultural Heritage Impact Assessment | Exemption for Archaeological & Cultural Heritage completed   |
| 3.  | Palaeontological Impact Assessment                     | Exemption for Palaeontological Impact Assessment completed   |
| 4.  | Terrestrial Biodiversity Impact Assessment             | A Terrestrial Biodiversity Compliance Statement was undertaken. No sensitive vegetation / habitats occurs on site.   |
| 5.  | Aquatic Biodiversity Impact Assessment                 | This study has been included with the Wetland Delineation and Functional Assessment.   |
| 6.  | Hydrological Impact Assessment                         | This study has been undertaken.  |
| 7.  | Socio-Economic Impact Assessment                       | <p>This study will not be undertaken.</p> <p>There are no sensitive receptors surrounding the site. Limited jobs are to be created during the construction phase. The project will have a positive impact in terms of improved environmental performance, as it will eliminate dirty water (ash laden water) spills into the surround environment.</p> |
| 8.  | Plant Species Assessment                               | This is included in the Terrestrial Biodiversity Compliance Statement.   |
| 9.  | Animal Species Assessment                              | This is included in the Terrestrial Biodiversity Compliance Statement.   |

# 9. Additional Specialist Studies

The following additional Specialist Studies were undertaken:

- Wetland Rehabilitation Plan
- Geohydrological Assessment

# 10. DFFE Specific Requirements

# 11. Discussion



# 12. Way Forward

**APPENDIX 2  
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION**

Chief Director, Integrated Environmental Authorization  
Department of Forestry, Fisheries and Environment  
Private Bag X447  
PRETORIA  
0001

Date:  
31 October 2022

Enquiries:  
Tel +27 13 699 7097  
Siphiwe Mahlangu

**Attention:** Mr. Sabelo Malaza

**RE: MOTIVATION FOR FEE APPLICATION EXCLUSION MADE BY AN ORGAN OF STATE:  
FOR APPLICATION 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) FOR  
THE PROPOSED CONSTRUCTION OF STORMWATER DRAINAGE AND ASSOCIATED  
INFRASTRUCTURE AT THE KUSILE COAL FIRED POWER STATION, NEAR DELMAS,  
MPUMALANGA**

Eskom hereby confirms that it is a State-Owned Company, and the company is excluded from paying the application fees for the Environmental Authorization and Amendments in terms of Regulation 3 of the "National Environmental Management Act, 1998 (Act no. 107 of 1998) for 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

Eskom is one of the top 20 utilities in the world by generation capacity (net maximum self-generated capacity: 41 194MW). Eskom generates approximately 95% of the electricity used in South Africa and approximately 45% of the electricity used in Africa. Eskom directly provides electricity to about 45% of all end-users in South Africa. The other 55% is resold by redistributors (including municipalities)

Eskom applies for exclusion from payment of the fees applicable to this Application for Environmental Authorisation, since it is a State-Owned Company.

I hope the above will meet your favourable consideration

Yours sincerely

 2022/10/31  
Ms Zandi Shange  
**GENERAL MANAGER: KUSILE POWER STATION PROJECT**

**APPENDIX 3  
LIST OF LAND OWNERS  
WRITTEN CONSENT OF LAND OWNERS**

n/a

**APPENDIX 4  
LIST OF LOCAL/PROVINCIAL AUTHORITY INVOLVED**

**Refer to Application Form**

**APPENDIX 5  
STRATEGIC INFRASTRUCTURE PROJECTS**

|   |  |
|---|--|
| <p><b>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</b></p> <ul style="list-style-type: none"> <li>• Unlock mineral resources</li> <li>• Rail, water pipelines, energy generation and transmission infrastructure</li> <li>• Thousands of direct jobs across the areas unlocked</li> <li>• Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project</li> <li>• Rail capacity to Mpumalanga and Richards Bay</li> <li>• Shift from road to rail in Mpumalanga</li> <li>• Logistics corridor to connect Mpumalanga and Gauteng.</li> </ul>                      |  |
| <p><b>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</b></p> <ul style="list-style-type: none"> <li>• Strengthen the logistics and transport corridor between SA’s main industrial hubs</li> <li>• Improve access to Durban’s export and import facilities</li> <li>• Integrate Free State Industrial Strategy activities into the corridor</li> <li>• New port in Durban</li> <li>• Aerotropolis around OR Tambo International Airport.</li> </ul>   |  |
| <p><b>SIP 3: South-Eastern node &amp; corridor development</b></p> <ul style="list-style-type: none"> <li>• New dam at Mzimvubu with irrigation systems</li> <li>• N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains</li> <li>• Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape</li> <li>• A manganese sinter (Northern Cape) and smelter (Eastern Cape)</li> <li>• Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.</li> </ul> |  |
| <p><b>SIP 4: Unlocking the economic opportunities in North West Province</b></p> <ul style="list-style-type: none"> <li>• Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure</li> <li>• Enabling reliable supply and basic service delivery</li> <li>• Facilitate development of mining, agricultural activities and tourism opportunities</li> <li>• Open up beneficiation opportunities in North West Province.</li> </ul>  |  |
| <p><b>SIP 5: Saldanha-Northern Cape development corridor</b></p> <ul style="list-style-type: none"> <li>• Integrated rail and port expansion</li> <li>• Back-of-port industrial capacity (including an IDZ)</li> <li>• Strengthening maritime support capacity for oil and gas along African West Coast</li> <li>• Expansion of iron ore mining production and beneficiation.</li> </ul>  |  |
| <p><b>SIP 6: Integrated municipal infrastructure project</b></p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>  |  |
| <p><b>SIP 7: Integrated urban space and public transport programme</b></p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>   |  |
| <p><b>SIP 8: Green energy in support of the South African economy</b></p> <p>Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p>  |  |

|  |   |
|--|---|
| <b>Indicate capacity in MW:</b>  |   |
| <p><b>SIP 9: Electricity generation to support socioeconomic development</b><br/>Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.</p>   | ✓ |
| <b>Indicate capacity in MW:</b>  |   |
| <p><b>SIP 10: Electricity transmission and distribution for all</b><br/>Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development.<br/>Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.</p>   | ✓ |
| <p><b>SIP 11: Agri-logistics and rural infrastructure</b><br/>Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&amp;D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.</p>  |   |
| <p><b>SIP 12: Revitalisation of public hospitals and other health facilities</b><br/>Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.</p>   |   |
| <p><b>SIP 13: National school build programme</b><br/>A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.</p>  |   |
| <p><b>SIP 14: Higher education infrastructure</b><br/>Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.</p>   |   |
| <p><b>SIP 15: Expanding access to communication technology</b><br/>Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas.<br/>While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity.<br/>The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.</p> |   |
| <p><b>SIP 16: SKA &amp; Meerkat</b><br/>SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.</p>  |   |
| <p><b>SIP 17: Regional integration for African cooperation and development</b><br/>Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.</p>  |   |



|   |  |
|---|--|
| <p>The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term. All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>  |  |
| <p><b>SIP 18: Water and sanitation infrastructure</b><br/> A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.<br/> The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>  |  |
| <p><b>SIP 19: Water and Sanitation</b><br/> a. Vaal River System including Phase 2 of the Lesotho Highlands Water Project: Gauteng<br/> b. Phase 2A of the Mokolo Crocodile River (West) Augmentation Project: Limpopo<br/> c. uMkhomazi Water Project: KwaZulu Natal<br/> d. Olifants River Water Resource Development Project - Phase 2: Limpopo<br/> e. Vaal-Gamagara: Northern Cape<br/> f. Mzimvubu Water Project: Eastern Cape<br/> g. Rehabilitation of the Vaalharts-Taung Irrigation Scheme: Northern Cape &amp; North West<br/> h. Groot Letaba River Water Development Project - Nwamitwa Dam: Limpopo<br/> i. Berg River Voëlvele Augmentation Scheme: Western Cape<br/> j. Rustfontein Water Treatment Works: Free State<br/> k. Orange-Riet Canal Increase of Bulk Raw Water Supply: Free State</p>   |  |
| <p><b>SIP 20: Energy</b><br/> a. Emergency/Risk Mitigation Power Purchase Procurement Programme (2000MW): National<br/> b. Small IPP Power Purchase Procurement Programme (100MW): National<br/> c. Embedded Generation Investment Programme (EGIP)-400MW: National</p>   |  |
| <p><b>SIP 21: Transport</b><br/> a. N1 Windburg Interchange to Windburg Station: Free State<br/> b. N1 Musina Ring Road: Limpopo<br/> c. N1 Polokwane Eastern Ring Rd Phase 2: Limpopo<br/> d. N1 Ventersburg to Kroonstad: Free State (2 projects in One)<br/> e. N2 Mtunzini Toll Plaza to Empangeni T-Junction: KwaZulu Natal<br/> f. N3 Cato Ridge to Dardanelles: KwaZulu Natal<br/> g. N3 Dardanelles to Lynnfield Park: KwaZulu Natal<br/> h. N3 Paradise Valley to Mariannhill Toll Plaza: KwaZulu Natal<br/> i. N2 Edwin Swales to South of EB Cloete Interchange: KwaZulu Natal<br/> j. N3 Ashburton Interchange to Murray Road: KwaZulu Natal<br/> k. N3 Mariannhill Toll Plaza to Key Ridge: KwaZulu Natal<br/> l. N2 EB Cloete Interchange: KwaZulu Natal<br/> m. Small Harbours Development: National<br/> n. N3 New alignment via De Beers Pass: Free State<br/> o. Boegoebaai Port and Rail Infrastructure Project: Northern Cape</p> |  |
| <p><b>SIP 22: Digital Infrastructure</b><br/> a. National Spatial Infrastructure Hub</p>  |  |
| <p><b>SIP 23: Agriculture and Agro-processing</b><br/> a. Marine Tilapia Industry: Eastern Cape<br/> b. Natural Dehydrated Foods: Mpumalanga</p>  |  |
| <p><b>SIP 24: Human Settlements</b><br/> a. Greater Cornubia: KwaZulu-Natal<br/> b. Vista Park II &amp; III: Free State</p>   |  |

|  |  |
|--|--|
| c. Lufhereng: Gauteng  |  |
| d. Malibongwe Ridge: Gauteng   |  |
| e. N2 Nodal Development: Eastern Cape  |  |
| f. Matlosana N12 West: North West  |  |
| g. Green Creek: Gauteng  |  |
| h. Mooikloof Mega Residential City: Gauteng  |  |
| i. Fochville Extension 11: Gauteng   |  |
| j. Germiston Ext 4 Social Housing Project: Gauteng                                     |  |
| k. Newcastle Hospital Street Social Housing Project: KwaZulu Natal                     |  |
| l. Hull Street Social Housing Project Phase 1: Northern Cape                           |  |
| m. Kwandokuhle Social Housing Project: Mpumalanga                                      |  |
| n. Phola Heights - Tembisa Social Housing Project: Gauteng                             |  |
| o. Sondela Phase 2: Gauteng  |  |
| p. Willow Creek Estate: Mpumalanga   |  |
| q. Joe's Place Social Housing: Gauteng   |  |
| r. Jeppetown Social Housing Project (Unity House): Gauteng                             |  |
| <b>SIP 25: Rural Bridges "Welisizwe" Programme</b>                                     |  |
| <b>SIP 26: Rural Roads Upgrade Programme</b>   |  |
| <b>SIP 27: Upgrading and Repair of Township Roads in Municipalities Programme</b>      |  |
| <b>SIP 28: PV and Water Savings on Government Buildings Programme</b>                  |  |
| <b>SIP 29: Comprehensive Urban Management Programme</b>                                |  |
| <b>SIP 30: Digitising of Government Information Programme</b>                          |  |
| <b>SIP 31: Removal of Alien Vegetation and Innovative Building Materials Programme</b> |  |
| <b>SIP 32: National Upgrading Support Programme (NUSP)</b>                             |  |
| <b>SIP 33: Solar Water Initiatives Programme</b>                                       |  |
| <b>SIP 34: Student Accommodation</b>   |  |
| <b>SIP 35: SA Connect Phase 1B Programme</b>   |  |
| <b>SIP 36: Salvokop Precinct</b>   |  |

**PLEASE ATTACH PROOF FROM THE RELEVANT SIP CO-ORDINATOR FOR EACH OF THE SIP PROJECT SELECTED. (See attached).**

Ms Vanessa Bendeman  
Deputy Director General  
Department of Forestry, Fisheries and the Environment  
Environmental House  
ARCADIA

Dear Ms Bendeman

**RE: SIP Project Confirmation DFFE**

Eskom has been appointed to be the SIP Coordinator for all projects within SIP 08, SIP 09 and SIP 10 by the Infrastructure South Africa (ISA) office in the Presidency via the Presidential Infrastructure Coordinating Commission (PICC) Council chaired by the honourable President of South Africa.

As such, as the SIP Coordinator, I can confirm that the list of projects outlined in Table 1 below are SIP projects as gazetted by the Minister.

| TABLE 1: SIP CONFIRMATIONS   |  |       |
|------------------------------|--|-------|
| PROJECT NAME                 | PROJECT DESCRIPTION  | SIP   |
| Kusile Power Station Project | Construction of stormwater drainage underneath the Overland Conveyor Belt and associated infrastructure to prevent Ash Laden Water from being washed into the nearby wetland | SIP 9 |

If any further clarification is required, you are welcome to contact this office.

Yours sincerely



Dr Rudolph van Buuren  
**SIP COORDINATOR**  
Date: 31 October 2022

**APPENDIX 6**  
**LIST OF SGIDS / COORDINATES OF THE BOUNDARY OF THE PROPERTY OR PROPERTIES / COORDINATES**  
**OF LISTED ACTIVITIES**

**Table 1: Co-ordinates of listed activities**

| <b>Listed Activity No. and Activity No.</b> | <b>Activity Description</b>  | <b>Co-ordinates of listed activities</b>                                       |
|---|--|--|
| Listing Notice No. 1: Activity 12           | Construction of stormwater v-drain within 32m of the channelled valley bottom wetland                                | Start: 25°55'30.08"S and 28°54'34.28"E<br>End: 25°55'34.12"S and 28°54'29.46"E |
|   | Drain outlet pipe in the wetland and 32m of the channelled valley bottom wetland                                     | Start: 25°55'33.62"S and 28°54'33.38"E<br>End: 25°55'35.19"S and 28°54'31.68"E |
| Listing Notice No. 1: Activity 19           | Drain outlet pipe in the wetland   | Start: 25°55'33.62"S and 28°54'33.38"E<br>End: 25°55'34.42"S and 28°54'32.48"E |
| Listing Notice No. 3: Activity 14           | Construction of stormwater v-drain within 32m of the channelled valley bottom wetland, within the CBA and the NPAES. | Start: 25°55'30.08"S and 28°54'34.28"E<br>End: 25°55'34.12"S and 28°54'29.46"E |
|   | Drain outlet pipe in the wetland and 32m of the channelled valley bottom wetland, within the CBA and the NPAES.      | Start: 25°55'33.62"S and 28°54'33.38"E<br>End: 25°55'35.19"S and 28°54'31.68"E |

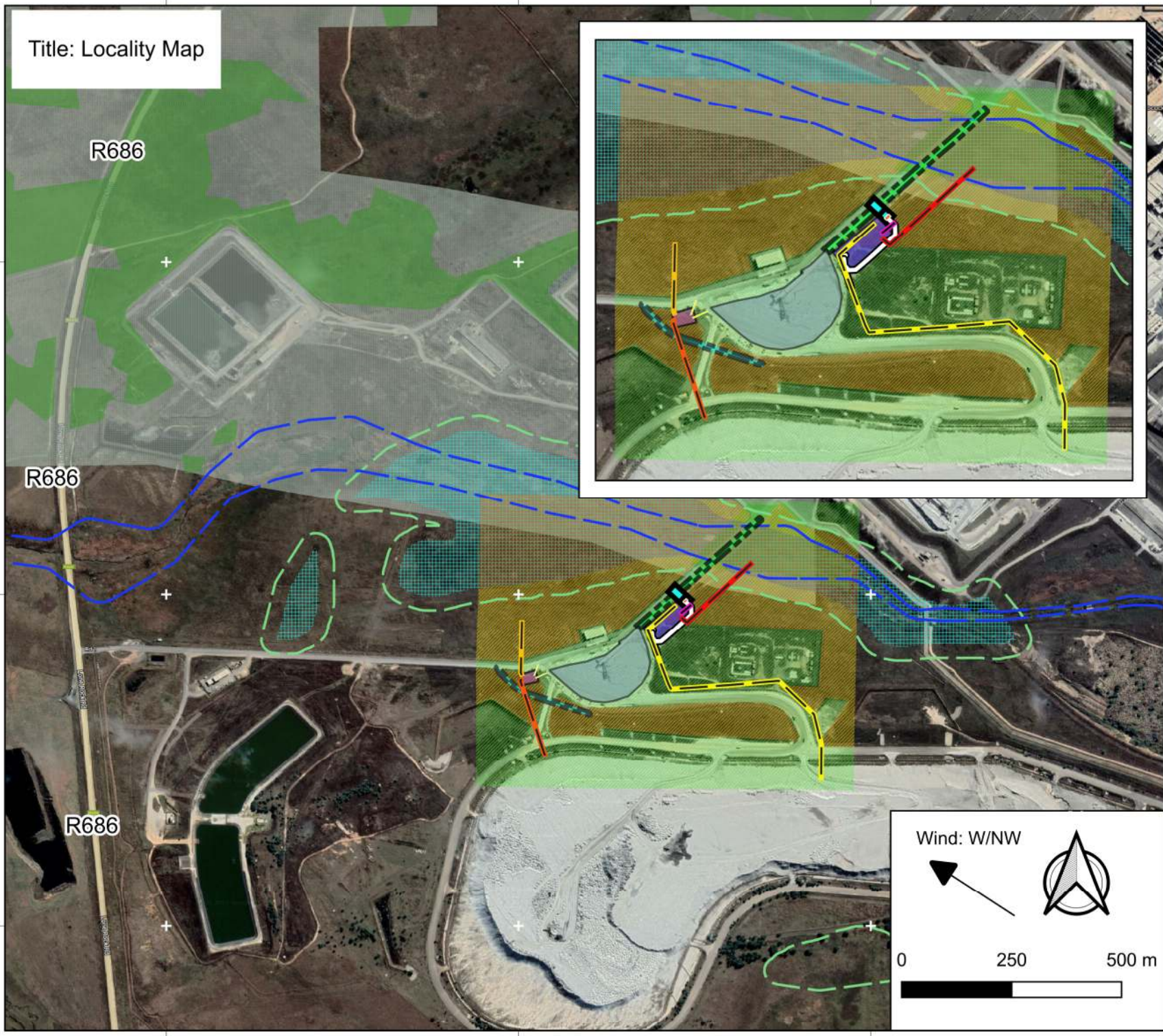
**APPENDIX 7  
LOCALITY MAP**

28°53'46"

28°54'14"

28°54'43"

Title: Locality Map



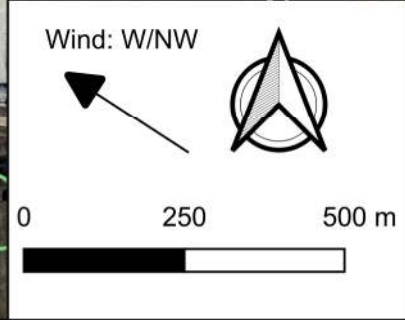
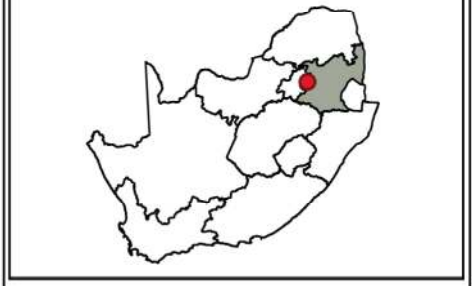
**Environmental Sensitivities**

- Channelled Valley Bottom Wetland
- 35 m Wetland Buffer
- 1 100 Year Floodline
- Ecological Sensitivities**
- Very Low
- Low
- Medium
- NPAES, 2018**
- Priority Focus Areas
- MBSP, 2019**
- CBA Optimal

**Proposed Infrastructure**

- 200mm dia drain outlet pipe
- Inlet pipe
- New 300mm dia overland pipeline
- New drain outlet pipe
- New 200NB pipeline from WST
- SUMP
- New access road
- New gravel access road
- Proposed channel
- New stormwater V drains
- New stormwater drain
- East settling tank
- West settling tank
- Existing radial stacker slab

**Province Context**



Project: Kusile  
 Date: 07/11/2022  
 Compiler: SA Newman  
 Datum: UTM 35S

**APPENDIX 8  
PROJECT SCHEDULE**

BA & WULA for new Stormwater Structures and Associated Infrastructure at Kusile Power Station

| ID | WBS    | Task Name  | Duration        | Start               | Finish              | Aug                                  | Sep | 2022 Qtr 4 | Nov | Dec | 2023 Qtr 1 | Feb | Mar | 2023 Qtr 2 | Apr | May |
|----|--------|--|-----------------|---------------------|---------------------|--------------------------------------|-----|------------|-----|-----|------------|-----|-----|------------|-----|-----|
| 1  | 1      | <b>Amendment of Basic Assessment and Water Use License for new Stormwater Structures and Associated Infrastructure at Kusile Power Station</b> | <b>205 days</b> | <b>Mon 22/08/15</b> | <b>Fri 23/05/26</b> | [Gantt bar spanning from Aug to May] |     |            |     |     |            |     |     |            |     |     |
| 2  | 1.1    | <b>Basic Assessment Process</b>  | <b>89 days</b>  | <b>Mon 22/08/15</b> | <b>Thu 22/12/15</b> | [Gantt bar spanning from Aug to Dec] |     |            |     |     |            |     |     |            |     |     |
| 3  | 1.1.1  | Pre-Application Meeting with DFFE  | 1 day           | Mon 22/08/15        | Mon 22/08/15        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 4  | 1.1.2  | Foll-up Pre-Application Meeting with DFFE  | 1 day           | Tue 22/10/04        | Tue 22/10/04        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 5  | 1.1.3  | GIS mapping  | 3 days          | Thu 22/09/08        | Mon 22/09/12        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 6  | 1.1.4  | Compilation of Basic Assessment Report and EMPr  | 15 days         | Wed 22/10/05        | Tue 22/10/25        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 7  | 1.1.5  | Internal review of Basic Assessment Report and EMPr  | 2 days          | Wed 22/10/26        | Thu 22/10/27        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 8  | 1.1.6  | Client review of Basic Assessment Report and EMPr  | 4 days          | Fri 22/10/28        | Wed 22/11/02        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 9  | 1.1.7  | Finalise Basic Assessment Report and EMPr for public review (Compilation, printing, placement)   | 4 days          | Thu 22/11/03        | Tue 22/11/08        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 10 | 1.1.8  | Submission of Application Form & Basic Assessment Report and EMPr to DFFE  | 1 day           | Wed 22/11/09        | Wed 22/11/09        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 11 | 1.1.9  | Finalisation of the Basic Assessment Report, EMPr & CRR  | 22 days         | Thu 22/11/10        | Fri 22/12/09        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 12 | 1.1.10 | Submission of the final Basic Assessment Report and EMPr to DFFE   | 1 day           | Thu 22/12/15        | Thu 22/12/15        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 13 | 1.2    | <b>Water Use Licence Application</b>   | <b>102 days</b> | <b>Mon 22/10/03</b> | <b>Tue 23/02/21</b> | [Gantt bar spanning from Oct to Feb] |     |            |     |     |            |     |     |            |     |     |
| 14 | 1.2.1  | Pre-Application Meeting with DWS   | 1 day           | Mon 22/10/03        | Mon 22/10/03        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 15 | 1.2.2  | Compile and review IWWMP (including Maintenance and Management Plan, EMP)  | 13 days         | Wed 22/11/02        | Fri 22/11/18        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 16 | 1.2.3  | Public review of the IWWMP   | 59 days         | Mon 22/11/21        | Thu 23/02/09        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 17 | 1.2.4  | e-WULA Application Forms   | 4 days          | Fri 23/02/10        | Wed 23/02/15        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 18 | 1.2.5  | Conduct site inspection with DWS   | 1 day           | Thu 23/02/16        | Thu 23/02/16        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 19 | 1.2.6  | Compile e-WULAAS submission  | 1 day           | Fri 23/02/17        | Fri 23/02/17        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 20 | 1.2.7  | Uploading final documents to e-WULAAS  | 2 days          | Mon 23/02/20        | Tue 23/02/21        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 21 | 1.3    | <b>Public Participation Process (PPP)</b>  | <b>37 days</b>  | <b>Wed 22/10/26</b> | <b>Thu 22/12/15</b> | [Gantt bar spanning from Oct to Dec] |     |            |     |     |            |     |     |            |     |     |
| 22 | 1.3.1  | Stakeholder Database, PPP Documentation & Placement of Adverts   | 5 days          | Wed 22/10/26        | Tue 22/11/01        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 23 | 1.3.2  | 30-day Public Review Period and Stakeholder Consultation   | 22 days         | Wed 22/11/09        | Thu 22/12/08        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 24 | 1.3.3  | Compile Comment & Responses Report   | 5 days          | Fri 22/12/09        | Thu 22/12/15        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 25 | 1.4    | <b>Authority Review and Decision</b>   | <b>98 days</b>  | <b>Wed 23/01/11</b> | <b>Fri 23/05/26</b> | [Gantt bar spanning from Jan to May] |     |            |     |     |            |     |     |            |     |     |
| 26 | 1.4.1  | DFFE review and decision (107 calendar days)   | 80 days         | Wed 23/01/11        | Tue 23/05/02        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 27 | 1.4.2  | Amendment of Environmental Authorisation issued  | 1 day           | Wed 23/05/03        | Wed 23/05/03        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 28 | 1.4.3  | DWS review of WULA and decision (90 days)  | 67 days         | Wed 23/02/22        | Thu 23/05/25        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |
| 29 | 1.4.4  | Water Use Licence issued   | 1 day           | Fri 23/05/26        | Fri 23/05/26        | [Task bar at 0%]                     |     |            |     |     |            |     |     |            |     |     |


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



**APPENDIX 9  
DECLARATION OF THE APPLICANT**

I, Ms Zandi Shange, declare that –

- I am, or represent<sup>1</sup>, the applicant in this application;
- I have appointed an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP<sup>2</sup>;
- I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent and have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- I will provide the EAP and the Competent Authority with access to all information at my disposal that is relevant to the application;
- I will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
  - costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
  - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
  - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
  - costs in respect of specialist reviews, if the Competent Authority decides to recover costs, and
  - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the Competent Authority;
- I will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the Competent Authority in this regard;
- I am responsible for complying with the conditions of any environmental authorisation issued by the Competent Authority;
- I hereby indemnify the Government of the Republic of South Africa, the Competent Authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or EAP is responsible for in terms of these Regulations;
- I will not hold the Competent Authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- I will perform all obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act
- I am aware that in terms of Section 24F of the National Environmental Management Act, 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<sup>3</sup> of the applicant/ Signature on behalf of the applicant

Eskom Holdings SOC Ltd

\_\_\_\_\_  
Name of company (if applicable)

2022/10/31  
\_\_\_\_\_  
Date:

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted. An EAP may not sign on behalf of an applicant.

APPENDIX 10  
DECLARATION OF THE EAP

I, Ms. Natasha Lalie, declare that –

- I act as the independent environmental assessment practitioner in this application;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- 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;
- I will take into account, to the extent possible, the matters listed in Regulation 13 of the Regulations when preparing the application and any report relating to the application;
- 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 will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act.

**Disclosure of Vested Interest (delete whichever is not applicable)**


- 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 Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

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Signature of the environmental assessment practitioner

Zitholele Consulting (Pty) Ltd

Name of company:

31/10/2022

Date

  
COMMISSIONER OF OATHS (RSA)  
Lizzy Monareng  
Professional Accountant (SA)  
Practitioner No.: 35130  
Building 1, Maxwell Office Park  
Magway Crescent West, Waterfall City

**APPENDIX 11  
SCREENING TOOL REPORT**

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

**EIA Reference number:** TBC

**Project name:** Kusile Stormwater Drainage and Associated Infrastructure

**Project title:** Kusile Stormwater Drainage and Associated Infrastructure

**Date screening report generated:** 02/11/2022 13:16:26

**Applicant:** Eskom Holdings SOC Ltd

**Compiler:** N. Lalie

**Compiler signature:**   
.....

**Application Category:** Any activities within or close to a watercourse

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| Orientation map 1: General location .....   | 3  |
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| Cadastral details of the proposed site .....  | 4  |
| Wind and Solar developments with an approved Environmental Authorisation or applications<br>under consideration within 30 km of the proposed area ..... | 4  |
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| Environmental screening results and assessment outcomes .....   | 5  |
| Relevant development incentives, restrictions, exclusions or prohibitions .....   | 5  |
| Map indicating proposed development footprint within applicable development incentive,<br>restriction, exclusion or prohibition zones .....             | 7  |
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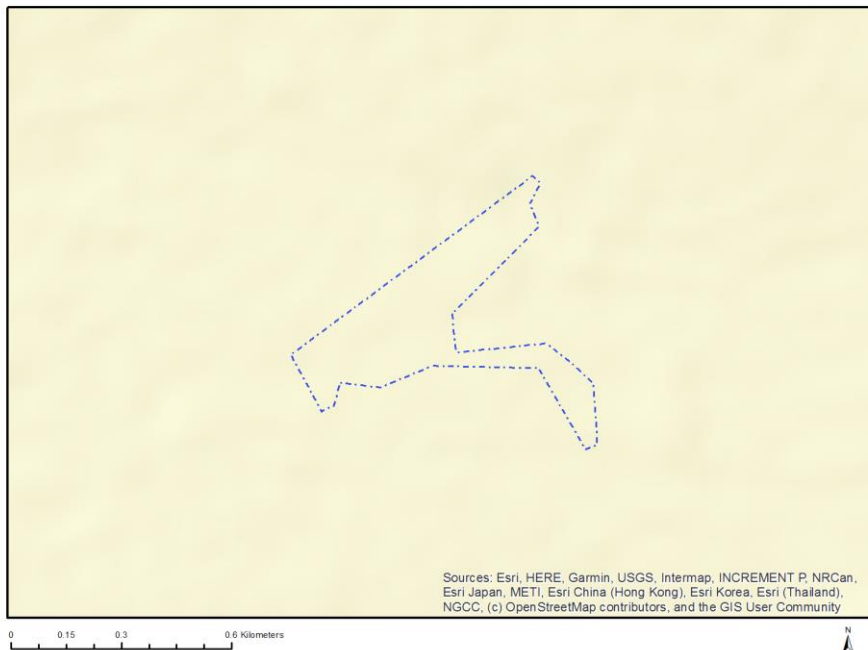
# Proposed Project Location

## Orientation map 1: General location

**General Orientation: Kusile Stormwater Drainage and Associated Infrastructure**



## 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  | HARTBEESTFONTEIN | 537          | 0       | 25°54'25.78S | 28°55'11.75E | Farm          |
| 2  | KLIPFONTEIN      | 566          | 0       | 25°57'2.42S  | 28°55'54.3E  | Farm          |
| 3  | HARTBEESTFONTEIN | 537          | 0       | 25°54'39.27S | 28°56'51.87E | Farm Portion  |
| 4  | KLIPFONTEIN      | 566          | 0       | 25°55'47.94S | 28°54'30.79E | Farm Portion  |
| 5  | HARTBEESTFONTEIN | 537          | 7       | 25°54'51.46S | 28°54'56.09E | Farm Portion  |

Development footprint<sup>1</sup> vertices:

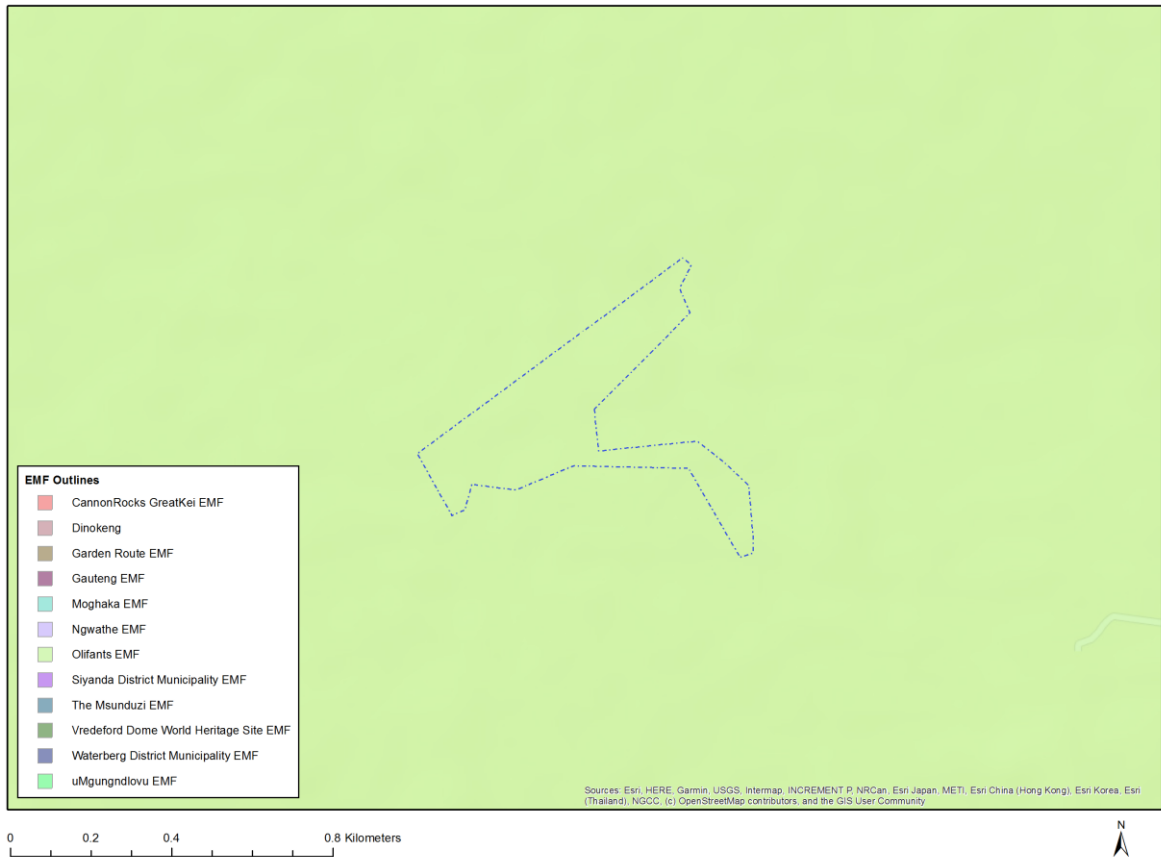
No development footprint(s) specified.

## 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  | 12/12/20/1923/2  | Solar PV       | Approved              | 16.6                             |

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

## Environmental Management Frameworks relevant to the application



| Environmental Management Framework | LINK  |
|------------------------------------|---|
| Olifants EMF                       | <a href="https://screening.environment.gov.za/ScreeningDownloads/EMF/Zone_46,_67,_78,_80,_92,_103,_122,_129.pdf">https://screening.environment.gov.za/ScreeningDownloads/EMF/Zone 46, 67, 78, 80, 92, 103, 122, 129.pdf</a> |

## 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

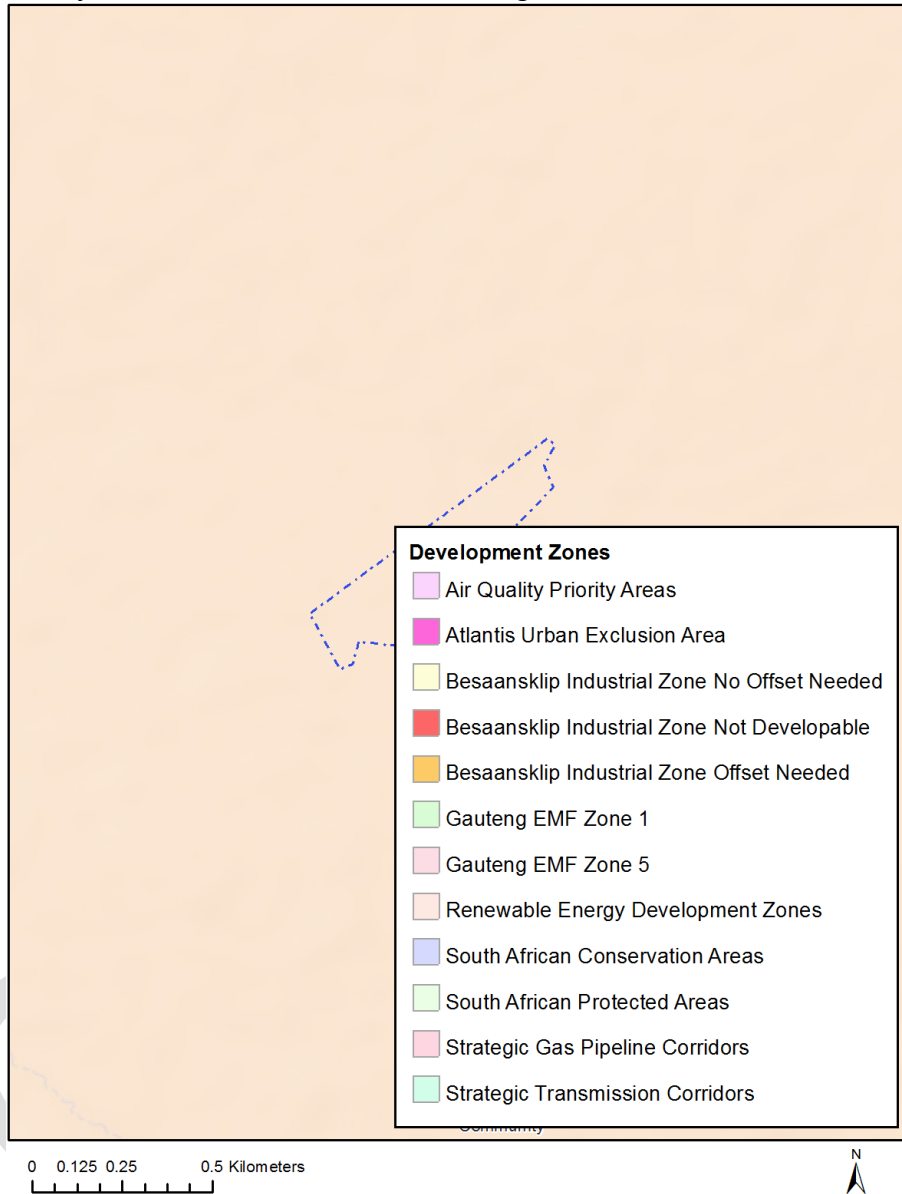
The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.



| Incentive, restriction or prohibition                  | Implication   |
|--|---|
| Strategic Transmission Corridor-International corridor | <a href="https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf">https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf</a>                               |
| Air Quality-Highveld Priority Area                     | <a href="https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/HIGHVELD_PRIORITY_AREA_AQMP.pdf">https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/HIGHVELD_PRIORITY_AREA_AQMP.pdf</a> |
| Renewable energy development zones 9-Emalahle ni       | <a href="https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_REDZ.pdf">https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_REDZ.pdf</a>                             |

Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones

**Project Location: Kusile Stormwater Drainage and Associated Infrastructure**



**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 environmental sensitivities of the proposed development footprint, 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.

| <b>N o</b> | <b>Specialist assessment</b>                           | <b>Assessment Protocol</b>  |
|------------|--|---|
| 1          | Landscape/Visual Impact Assessment                     | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>           |
| 2          | Archaeological and Cultural Heritage Impact Assessment | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>           |
| 3          | Palaeontology Impact Assessment                        | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>           |
| 4          | Terrestrial Biodiversity Impact Assessment             | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf</a> |
| 5          | Aquatic Biodiversity Impact Assessment                 | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf</a>         |
| 6          | Hydrology Assessment                                   | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>           |
| 7          | Socio-Economic   | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>           |

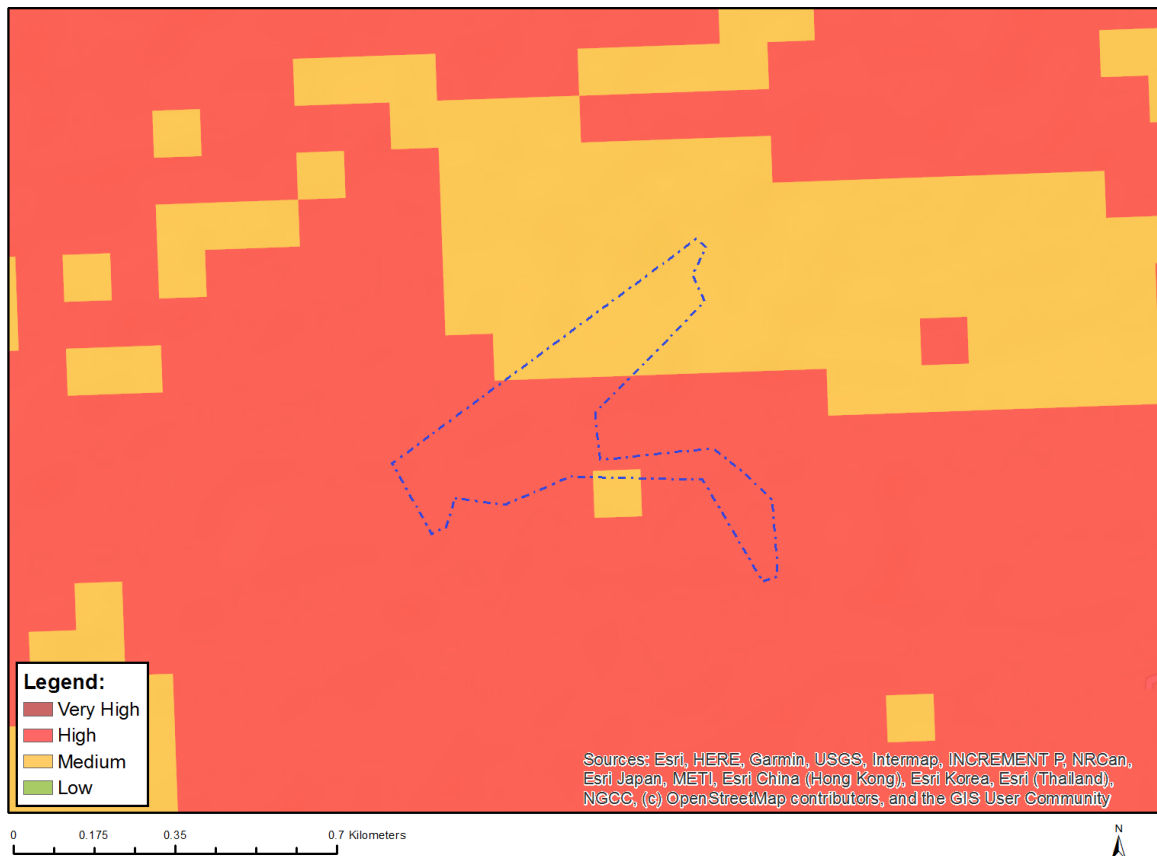
|   |                           |   |
|---|---------------------------|---|
|   | Assessment                |   |
| 8 | Plant Species Assessment  | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf</a>   |
| 9 | Animal Species Assessment | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf</a> |

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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 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

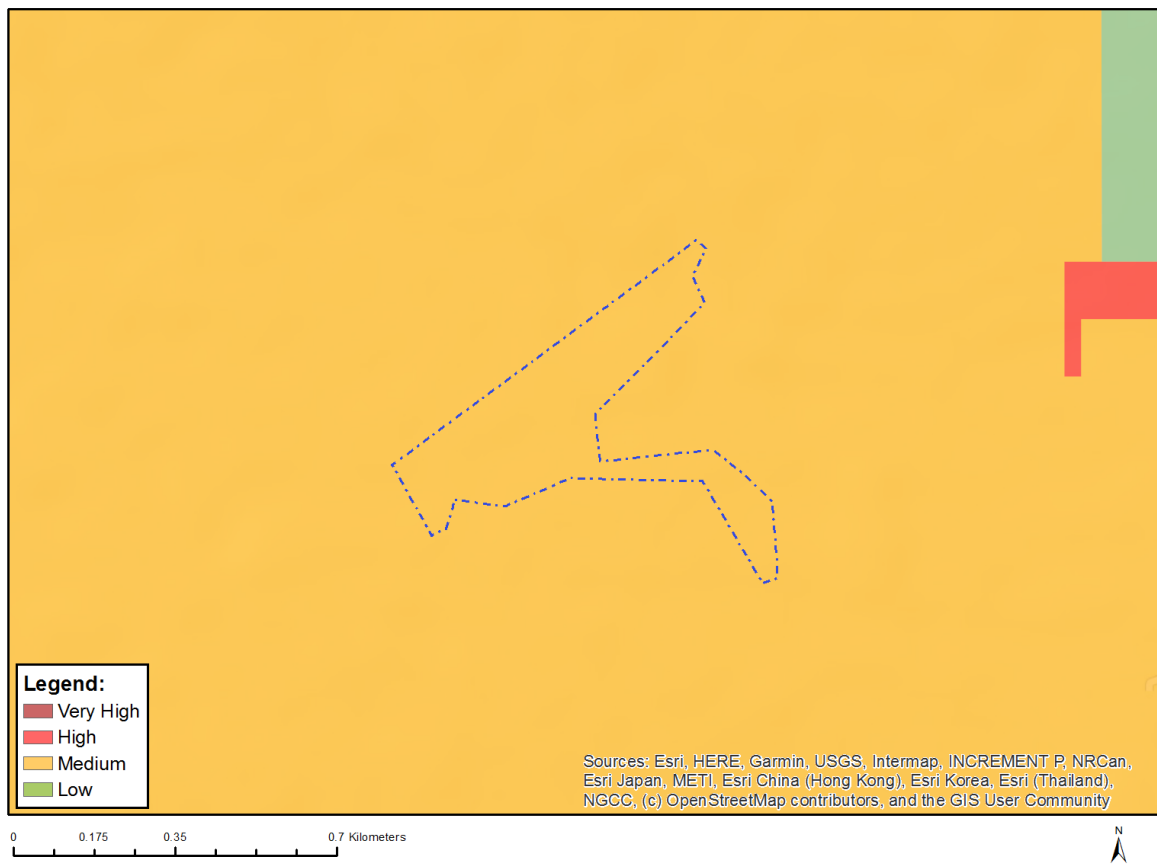


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       | X                |                    |                 |

#### Sensitivity Features:

| Sensitivity | Feature(s)   |
|-------------|--|
| High        | Land capability;09. Moderate-High/10. Moderate-High            |
| Medium      | Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate |

## MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



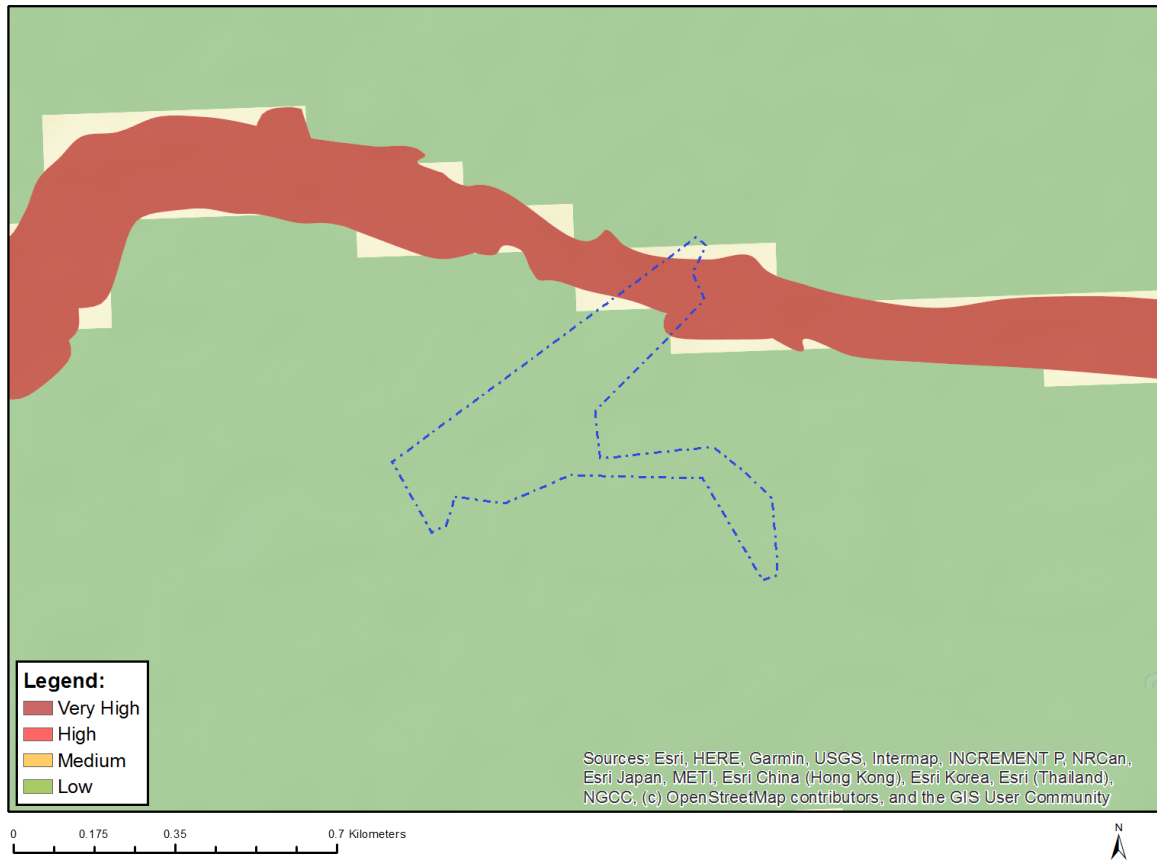
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) 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-Tyto capensis               |
| Medium      | Mammalia-Crocidura maquassiensis |
| Medium      | Mammalia-Dasymys robertsii       |
| Medium      | Mammalia-Hydrictis maculicollis  |

## MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

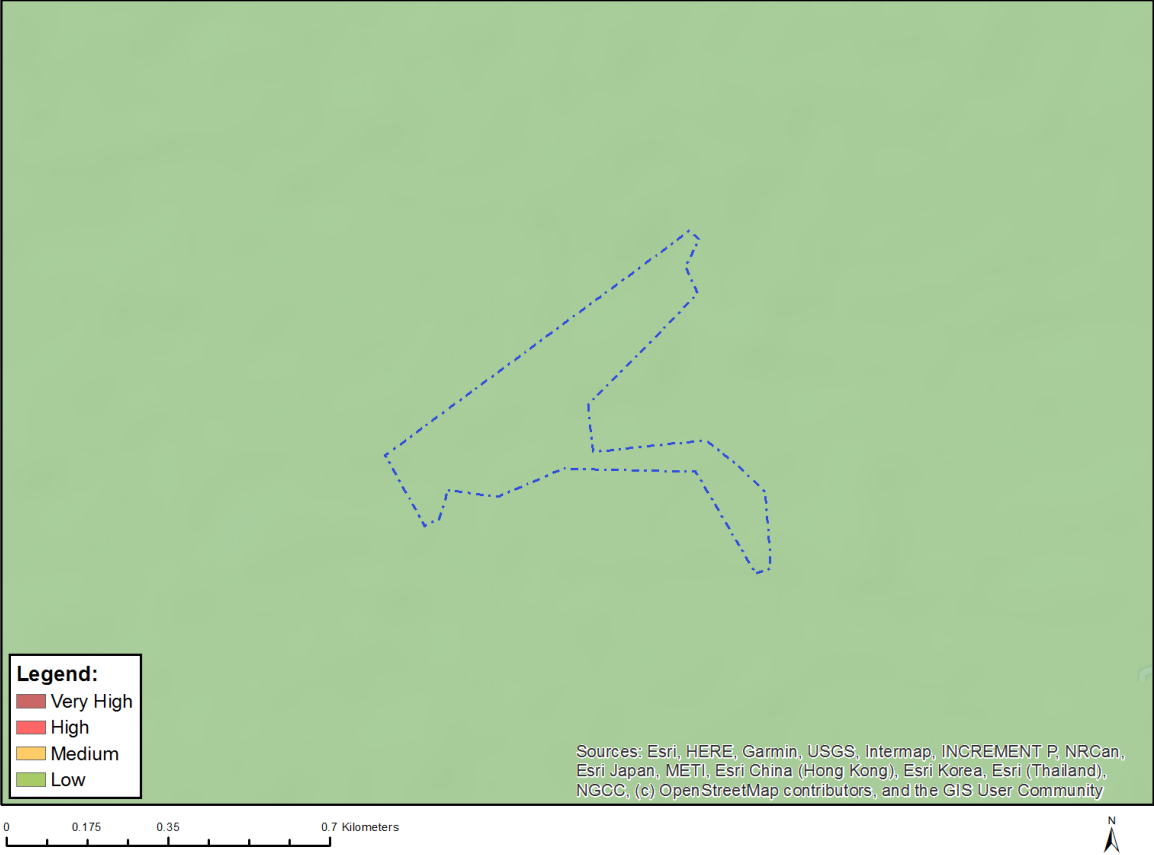


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| X                     |                  |                    |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)             |
|-------------|------------------------|
| Low         | Low sensitivity        |
| Very High   | Aquatic CBAs           |
| Very High   | Wetlands and Estuaries |

# MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY



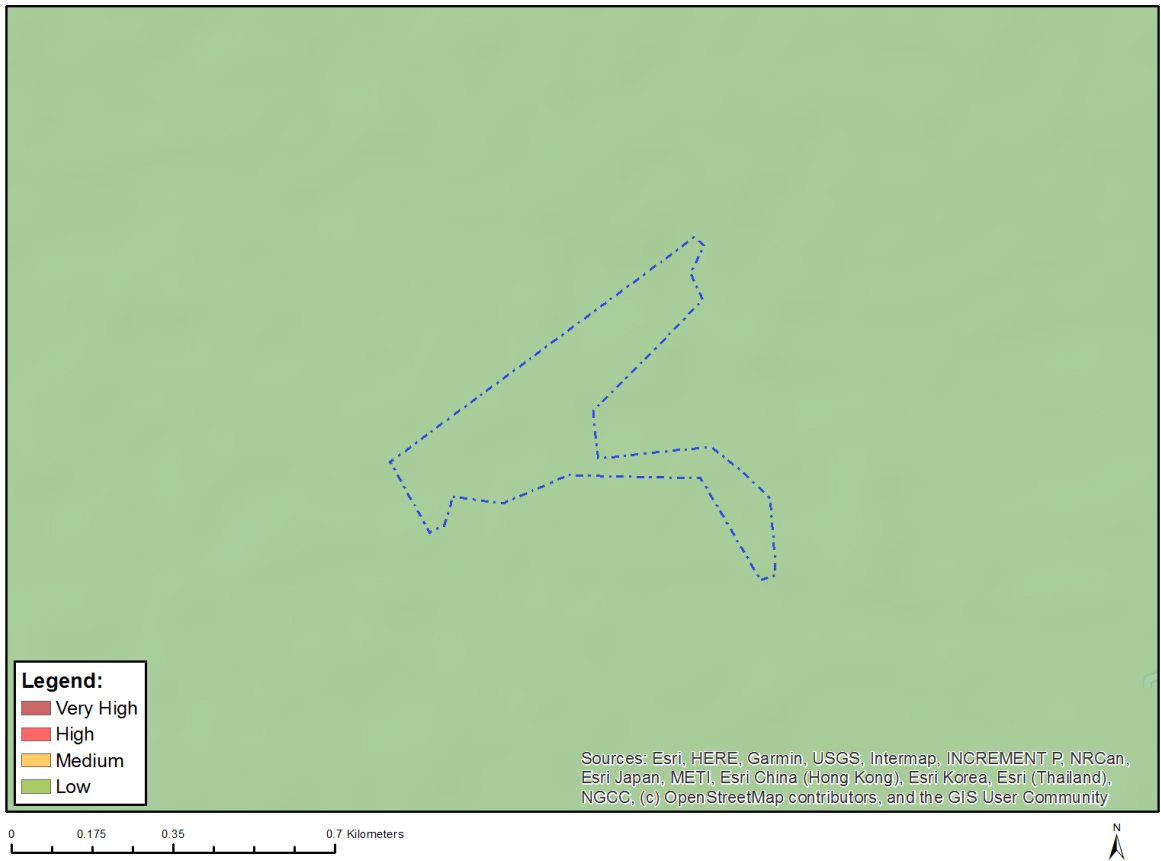
| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  |                    | X               |

**Sensitivity Features:**

| Sensitivity | Feature(s)      |
|-------------|-----------------|
| Low         | Low sensitivity |



# MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

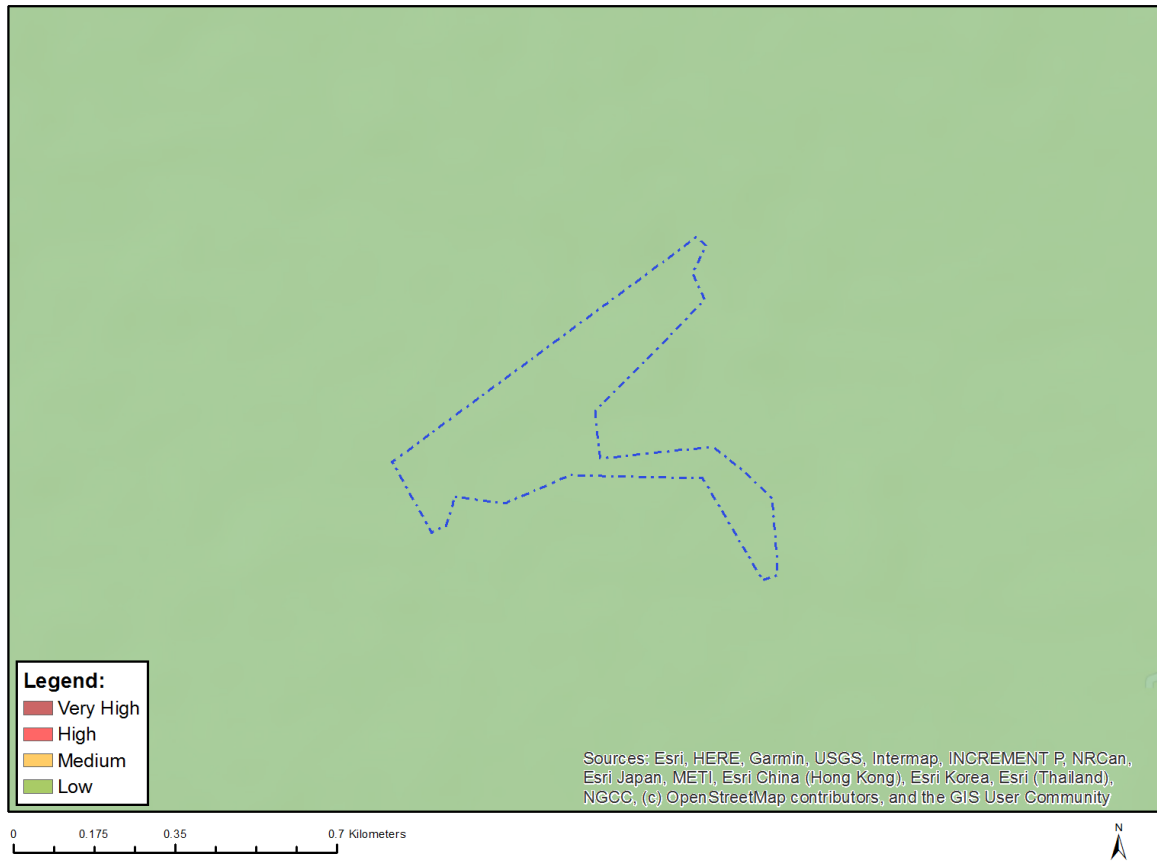


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  |                    | X               |

## Sensitivity Features:

| Sensitivity | Feature(s)      |
|-------------|-----------------|
| Low         | Low sensitivity |

## MAP OF RELATIVE DEFENCE THEME SENSITIVITY

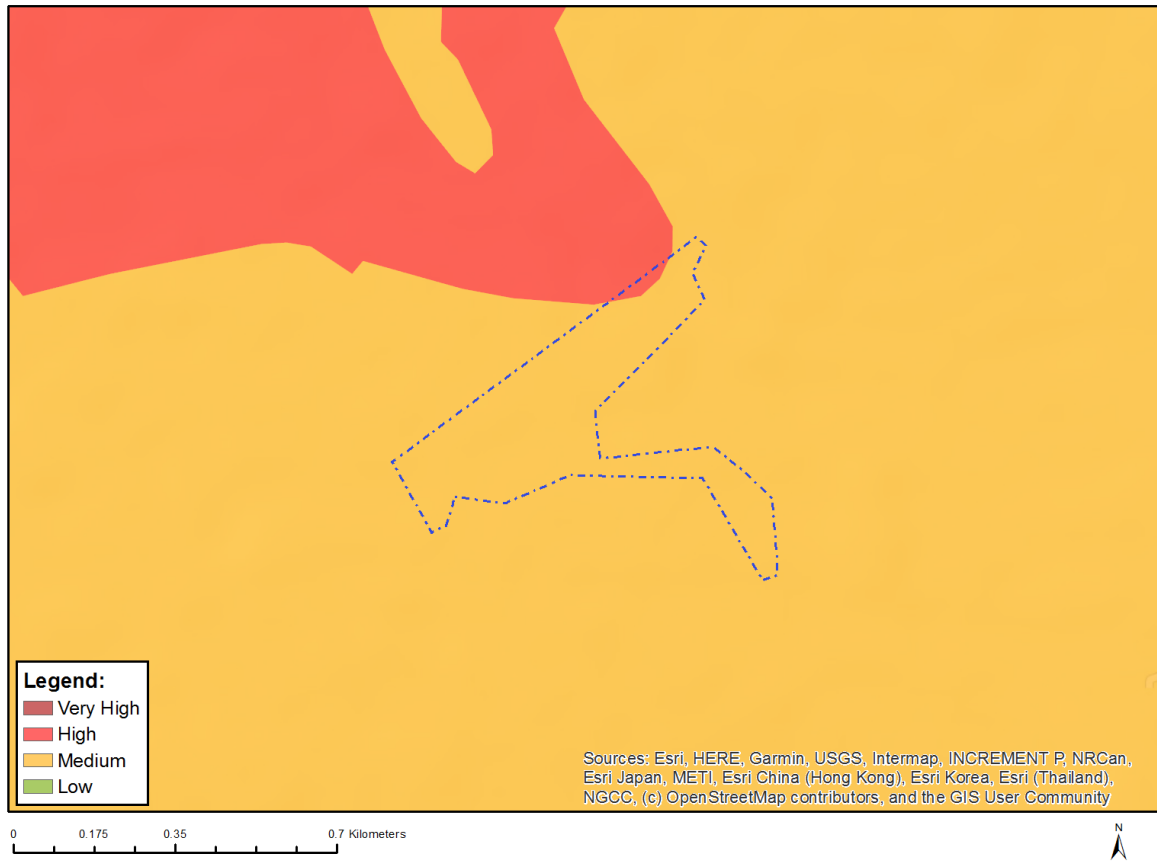


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  |                    | X               |

### Sensitivity Features:

| Sensitivity | Feature(s)      |
|-------------|-----------------|
| Low         | Low Sensitivity |

## MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

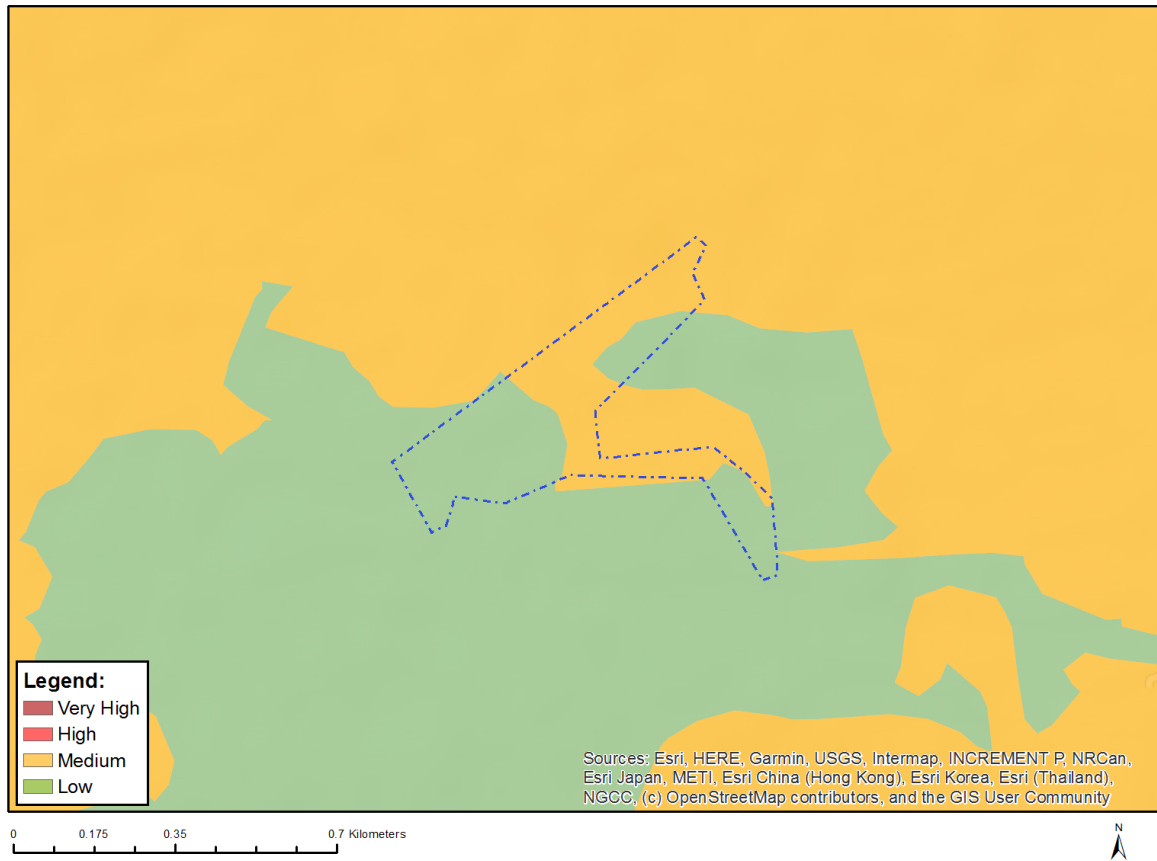


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       | X                |                    |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)   |
|-------------|--|
| High        | Features with a High 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](mailto: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 1252                      |
| Medium      | Sensitive species 601                       |
| Medium      | Ophioglossum gracillimum                    |
| Medium      | Sensitive species 691                       |
| Medium      | Pachycarpus suaveolens                      |
| Medium      | Brachycorythis conica subsp. transvaalensis |

# MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



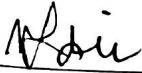
| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| X                     |                  |                    |                 |

**Sensitivity Features:**

| Sensitivity | Feature(s)                         |
|-------------|------------------------------------|
| Very High   | Critical biodiversity area 2       |
| Very High   | Protected Areas Expansion Strategy |
| Very High   | Vulnerable ecosystem               |

APPENDIX 12  
UNDERTAKING UNDER OATH/ AFFIRMATION

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



Signature of the Environmental Assessment Practitioner

Zitholele Consulting (Pty) Ltd  
Name of Company

31/10/2022

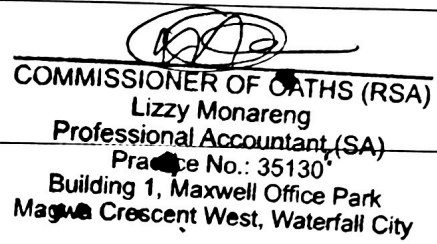
Date



Signature of the Commissioner of Oaths

31/10/2022

Date



COMMISSIONER OF OATHS (RSA)  
Lizzy Monareng  
Professional Accountant (SA)  
Practice No.: 35130  
Building 1, Maxwell Office Park  
Magna Crescent West, Waterfall City