



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR INTEGRATED ENVIRONMENTAL AUTHORISATION AND WASTE MANAGEMENT LICENCE

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

Application for integrated environmental authorisation and waste management license in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921 of 2013.

PROJECT TITLE

Proposed Upgrade of two Existing Ash Dams and the Construction of two Rehabilitation Dams at the Majuba Power Station's Ash Disposal Facility

PART A: INFORMATION AND APPLICATION PROCESS

1. DEFINITIONS

Definitions in this form are as per the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), the Environmental Impact Assessment ("EIA") Regulations, 2014, the National Environmental Management: Waste Act, 1998 (Act No. 59 of 2008) ("NEMWA") and the Schedule contained in Government Notice 921, published on 29 November 2013 in terms of section 19 of NEMWA.

2. APPLICABILITY OF INTEGRATED ENVIRONMENTAL AUTHORISATION PROCESS

The integrated environmental authorisation process will only apply in instances where the Minister is both the-

- competent authority for the environmental authorisation applied for in terms of NEMA and the EIA Regulations, 2014; and
- the licencing authority for the waste management licence in terms of NEMWA.

Kindly refer to paragraph 3.2 of this part of the application to determine in which instances the Minister would be the competent authority in terms of NEMA and the licencing authority in terms of NEMWA.

3. APPLICATION PROCESS EXPLAINED:

3.1 Integrated environmental authorisation process:

3.1.1 The environmental authorisation process prescribed for listed activities under Listing Notices 1, 2 and 3 published in *Government Gazette* Numbers 734, 735, and 736 respectively and the waste licensing process for listed activities contained in the Schedule in Government Notice 921, 2013 published in terms of section 19 of NEMWA are as defined in the Environmental Impact Assessment (EIA) Regulations made under section 24(5) of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA").

3.1.2 This integrated application form is the official form in terms of regulation 16 (1) (a) of the EIA Regulations, 2014 and must accompany every integrated environmental authorization application pertaining to-

- listed activities in terms of NEMA; and
- waste activities in terms of NEMWA.

3.2 Competent Authority (Where to submit applications)

3.2.1 The Minister of Water and Environmental Affairs is the-competent authority in respect of the activities listed in Listing Notices 1, 2 and 3, published in *Government Gazette* numbers 734, 735, and 736 respectively,

if the activity-

(a) has implications for international environmental commitments or relations;

(b) will take place within an area protected by means of an international environmental instrument, other than-

(i) any area falling within the sea-shore or within 150 meters seawards from the high-water mark, whichever is the greater;

(ii) a conservancy

(iii) a protected natural environment;

(iv) a proclaimed private nature reserve; (v) a natural heritage site; and

(vi) the buffer zone or transitional area of a world heritage site;

(c) has a development footprint that falls within the boundaries of more than one province or traverses international boundaries;

(d) Is undertaken, or is to be undertaken by-

(i) A national department;

(ii) A provincial department responsible for environmental affairs or any other organ of state performing a regulatory function and reporting to the MEC; or

(iii) A statutory body, excluding any municipality, performing an exclusive competence of the national sphere of government; or

(e) Will take place within a national proclaimed protected area or other conservation area under control of a national authority.

3.2.2 The Minister of d Environmental Affairs is the licensing authority in respect of all activities listed in both Category A and Category B of the Schedule contained in Government Notice 921, 2013 published in terms of section 19 of NEMWA where –

- (a) Unless otherwise indicated by the Minister by notice in the *Gazette*, the waste management activity involves the establishment, operation, cessation or decommissioning of a facility at which hazardous waste has been or is to be stored, treated or disposed of;
- (b) The waste management activity involves obligations in terms of an international obligation, including the importation or exportation of hazardous waste;
- (c) The waste management activity is to be undertaken by-
 - (i) A national department;
 - (ii) A provincial department responsible for environmental affairs; or
 - (iii) A statutory body, excluding any municipality, performing an exclusive competence of the national sphere of government;
- (d) The waste management activity will affect more than one province or traverse international boundaries; or
- (e) Two or more waste management activities are to be undertaken at the same facility and the Minister is the licencing authority for any of those activities.

3.2.3 However, despite the above-mentioned legislative provisions, the Minister and an MEC may agree that an application for a waste management activity or an environmental authorisation in respect of the above-mentioned activities, where the Minister is the competent/licencing authority, may be dealt with by the relevant MEC within whose province the activity(ies) will take place. Similarly the Minister and the MEC may agree that an application for an environmental authorisation or a waste management activity where the MEC has been identified as the competent/licencing authority, may be dealt with by the Minister. [Section 24C(3) of NEMA and section 43(3) of NEMWA]

3.2.4 The integrated application for environmental authorisation must be addressed to
The Chief Directorate: Integrated Environmental Authorisations at:

Postal address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Environment House
473 Steve Biko Road
Arcadia
Pretoria

Queries must be addressed to the contact below:

Tel: 012 399 9372
E-mail: EIAAdmin@environment.gov.za

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at <http://www.environment.gov.za> for the latest version of the documents.

3.3 Making an Application

- 3.3.1 This application form is current as of 08 December 2014. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority. It is the applicant's responsibility to download the current version of the application form from the website of the Department at <http://www.environment.gov.za>.
- 3.3.2 The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
- 3.3.3 The applicant must clearly mark confidential sections of the information submitted in the application form and supporting documents. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
- 3.3.4 The applicant must fill in all relevant sections of this form. Incomplete applications will not be processed. The applicant will be notified of the missing information in the acknowledgement letter that will be sent within 14 days of receipt of the application.
- 3.3.5 Incomplete applications may be returned to the applicant for revision.
- 3.3.6 Sections in the form that do not apply to the applicant must be marked "not applicable". However, the use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
- 3.3.7 Where applicable **black out** the boxes that are not applicable in the form.
- 3.3.8 This application form, must be handed in at the offices of the relevant competent authority as determined by the relevant Acts and Regulations and as indicated in this application form. All application forms must be signed as stipulated in the form. Applications that are not signed or completed accordingly will not be considered.
- 3.3.9 No faxed or e-mailed applications will be accepted. An electronic copy of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).
- 3.3.10 Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

3.4 Appointment of an EAP

The applicant must appoint an EAP in terms of EIA Regulations, 2014;
The EAP must comply with general requirements as given in EIA regulations, 2014;
and
The EAP may be disqualified in terms of EIA Regulations, 2014.

3.5 Criteria for determining whether basic assessment or scoping is to be applied to applications

3.5.1 NEMA activities

- (a) Basic assessment must be applied to an application if the authorisation applied for is in respect of an activity listed in Listing Notices 1 and/or 3 published in *Government Gazette* GN 734 and GN 736, 2014 respectively and which must follow the process described in regulations 19-20 of the EIA Regulations, 2014; and
- (b) Scoping and Environmental Impact Reporting Process ("S&EIR") must be applied to an application if the authorisation applied for is in respect of an activity listed in Listing Notice 2 published in *Government Gazette* Number GN 735, 2014 and which must follow the process described in regulations 21-25 of the EIA Regulations, 2014.

3.5.2 NEMWA activities

- (a) Basic assessment, in terms of regulations 19-20 of the EIA Regulations, 2014, must be applied to an application if the authorisation applied for is in respect of an activity listed in Category A of the Schedule contained in Government Notice 921, published on 29 November 2013, in terms of section 19 of NEMWA; and
- (b) S&EIR, in terms of regulations 21-25 of the EIA Regulations, 2014, must be applied to an application if the authorisation applied for is in respect of an activity Category B of the Schedule contained in Government Notice 921, published on 29 November 2013, in terms of section 19 of NEMWA.

3.5.3 Combination of NEMA and NEMWA activities

Should any of the NEMA or NEMWA activities applied for require the application of the S&EIR process, the S&EIR process will be applied to this application for integrated environmental authorisation.

PART B: PROOF OF PAYMENT

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**

Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or
The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government Grant	
The applicant is an organ of state	X

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

Department of Environmental Affairs' details for the payment of application fees:

<p>Payment Enquiries: Tel: 399 9119 Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account Reference number : Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude eg. -33.918861/18.423300</p> <p>Proof of payment must accompany the application form: Indicate reference number below.</p> <p>Tax exemption status: Status: Tax exempted</p> <p>Reference number:</p>
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PART C: GENERAL

1. DESCRIPTION OF PROJECT

The entire project will entail the following (full detail of the project can also be appended):

Majuba Power Station is a six (6) unit coal fired power plant situated within Mpumalanga (with a capacity to generate 4110MW of energy).

An EIA process was previously undertaken for the continuous ash disposal facility (ADF) and an Environmental Authorisation (reference number 14/12/16/3/3/3/53) received from Department of Environmental Affairs. **A change in the scope of work during the detailed engineering design for the ADF, requires 2 new Rehabilitation Dams (RD) and extension of the 2 existing ash dams (AD) as per the specifications shown in the tables below.** The RD and AD dams will be utilised for storm water management within the ADF area.

Table 1

Ash and rehabilitation dams' specifications

PCD description	PCD current status	Current Dam wall height	New/increased dam height (Max height)*	Surface footprint change	Final footprint size	Final Volume / Storage Capacity
Ash Dam 1* (AD1)	Existing	Compartment wall=not existing Dam wall=5m	Compartment wall = 7.6 m* (new) Dam wall= 2m (increase)	Existing= ± 110 000m ² Decrease by= 69 500 m ²	40 500m ²	150 000m ³
Rehabilitation Dam 1* (RD1)	New			New size= 80 000 m ²		
Ash Dam 2 (AD2)	Existing	3.1 m	1.7 m *	Existing= 95 000 m ² Increase by= 65 000 m ²	160 000m ²	390 000 m ³
Rehabilitation Dam 2 (RD2)	New	N/A	4.85 m *	New reduced size= 19 300 m ²	19 300 m ²	65 000m ³

**Note this is the maximum embankment height to the downstream toe.*

Table 2: Ash And Rehabilitation Dams *project footprint*

Facility Description	Surface footprint change (m ²)
Ash Dam 1	Existing = 110 000 m ²
	Decrease = 69 500 m ²

	Final area required	40 500 m ²
Ash Dam 2	Existing =	95 000 m ²
	Increase =	65 000 m ²
	Final area required	160 000 m ²
New Rehabilitation Dam 1	Final area required	80 000 m ²
New Rehabilitation Dam 2	Final area required	19 300 m ²

Purpose of application:

The purpose of the application is to obtain an Integrated Environmental Authorisation for the activities described above, to be issued by the National DEA as the project will trigger certain listed activities in terms of the NEMA and NEM:WA.

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?

YES

NO

If YES, please indicate which SIPs are applicable in **Appendix 2**.

Please note that you may be requested to provide confirmation of SIP applications from the relevant sector representative.

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

Table 3

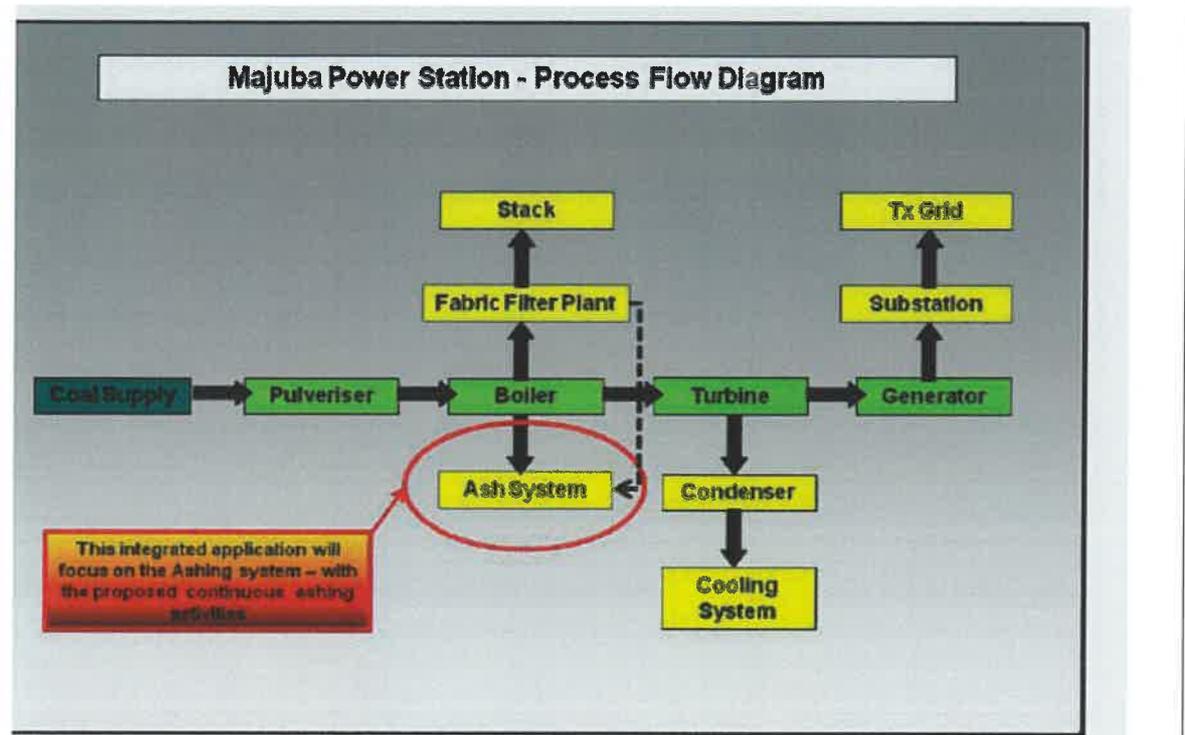
Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)	X	Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification		Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)		Manufacturing – clothing textiles, footwear and leather	
Basic services (local government access roads)		Forestry, paper, pulp and furniture	
Basic services (local government) – public transport		Business process servicing	
Infrastructure – water (bulk and reticulation)		Advanced materials	

Basic services (local government) – sanitation	Aerospace	
Basic services (local government) – waste management	Basic services (local government) - education	
Basic services (local government) water	Basic services (local government) - health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)	Basic services (local government) - housing	
Infrastructure – information and communication technology	Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism	Other	
Basic services (local government) – public open spaces and recreational facilities		

2. FLOW CHART OF OPERATIONS

Please provide a brief description of the activities and operations at the site. Provide a flow chart of the operation showing all inputs and outputs of the process. Give particulars of the source, location, nature, composition and quantity of emission to the atmosphere, surface water, sewer, and ground-water including noise emissions. Solid waste must be in tons and specify units for liquids and gases.

Figure 1



Majuba Power Station currently disposes ash (produced from the combustion of coal) in a dry format by means of conveyors, a spreader and a stacker system from the station terrace to the existing ash disposal site. Eskom, Majuba Power Station required a continuous ash disposal facility with an area of approximately 800 ha in order to dispose of ash for the next 45 years (the remaining life of the power station). The existing ash disposal facility is located approximately 1.5 km west of the station terrace. The flow chart in Figure 1 above provides an overview of the where the ash disposal activities fit within the power generation process. The ADF was approved (DEA reference number 14/12/16/3/3/3/53), however a change in the scope of work during the detailed engineering design for the ADF, required 2 new Rehabilitation Dams (RD) and extension of the 2 existing ash dams (AD). The RD and AD dams will be utilised for storm water management within the larger ADF area.

The 'ash dams' are facilities constructed for the storage of storm water emanating from the ash dam facility, and therefore will not contain ash, but merely storm water from the un-rehabilitated areas of the ash dam. The rehabilitation dams will collect storm water run-off from the rehabilitated areas of the ash dam and will be used for dust suppression, cleaning of the conveyor belt and in the process of the power station. The storm water will be transferred between these facilities.

The project will entail the following:

- Construction of a new Rehabilitation Dam (RD 2) – 19 300 m² in extent with a maximum wall height of 4.85 m
- Upgrade of an existing Ash Dam 2 (AD 2) from a size of 95 000 m² in extent to 160 000 m² in extent with an increase in maximum dam wall height from 3.1 m to 4.8 m.
- Upgrade of an existing Ash Dam 1 (AD 1) with a maximum wall height of 5 m to 7 m; and
- Construction of a Rehabilitation Dam 1 (RD 1) to a maximum wall height of 7 m, and a combined footprint from 80 000m² in extent (the dams will be combined with a compartment wall between them).

3. BACKGROUND INFORMATION

Company Trading name (if any):	Eskom Holdings SOC Ltd		
Company Registration no (if any):	2002/15527/30		
Responsible person:	Ms Deidre Herbst		
Responsible person ID number:	660306 0573 081		
Responsible position, e.g. Director, CEO, etc.:	Senior Manager – Environmental Management		
Contact person (if different to responsible person):	Ms Deidre Herbst		
Physical address:	No. 1 Maxwell Drive, Megawatt Park		
Postal address:	PO Box 1091, Johannesburg,		
Postal code:	2000	Cell:	083 660 1147
Telephone:	011 800 3501	Fax:	086 660 6092
E-mail:	herbstdl@eskom.co.za	BBBEE status	Level 8

Provincial Authority:	Mpumalanga Province		
Contact person:	Ms R Mtshweni Mr. Kgopana Mohlasedi		
Postal address:	Private Bag X11291, Mbombela		
Postal code:	1200	Cell:	
Telephone:	013 766 2473 013 766 2121	Fax:	013 766 2500
E-mail:	dq@mpg.gov.za		

Local municipality	Pixley Ka Seme Local Municipality		
Contact person:	Councillor P V Malatsi (Ward 4) Municipal Manager: Mr PB Malebye		
Postal address:	Private Bag X9011 VOLKSRUST		
Postal code:	2470	Cell:	
Telephone:	(017) 734 6100	Fax:	086 630 2209
E-mail:	records@pixleykaseme.co.za		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 3**. If the applicant is not the owner or person in control of the land, proof of notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 3**.

Ownership of the property (mark only one with an X)

Please note that complete	Property owned by applicant (100% Share value)	X	Property leased by applicant	
	Property owned by applicant (Share value less than 100%)		The property is communal land	

list of all organs or state and or any other applicable authority with their contact details must be appended to this application as Appendix 4.

Identified Competent Authority to consider the application:

National Department of Environmental Affairs - Integrated Environmental Authorisations: IPS & S24G	
Contact Person:	<i>Ms Bongeka Ngcoliso</i>
Physical Address:	<i>473 Corner of Steve Biko & Soutpansberg Road, Arcadia 0083</i>
Telephone:	<i>012 399 9376</i>
Fax:	<i>(0) 12 320 7539</i>
Email:	BNgcoliso@environment.gov.za
Reason(s) in terms of S 24C of NEMA and S 19 of NEMWA	The applicant is a parastatal, and this is an application for Integrated Environmental Authorisation

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Marinda le Roux		
Professional affiliation/registration:	TRPSA (Town and Regional Planner) EAPSA (Environmental Assessment Practitioner)		
Contact person (if different from EAP):	Marinda le Roux		
Company:			
Physical address:	31 Allen Drive, Loewenstein, Bellville, 7530		
Postal address:	PO Box 398, Bellville		
Postal code:	7535	Cell:	0822572637 0614174281
Telephone:	(010) 593 3942	Fax:	-
E-mail:	MarindaLeRoux.Advisian@outlook.com		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 12 of GN 733, dated June 2014, prior to the commencement of the process. The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted to the Department.

5.-SITE DESCRIPTION

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

Province	Mpumalanga Province
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District Municipality	Gert Sibande District Municipality
Local Municipality	Pixley Ka Seme Local Municipality
Ward number(s)	4
Nearest town(s)	Amersfoort
Farm name(s) and number(s)	Farm 263
Portion number(s)	Farm 263

Current land use where the site is situated:

Industrial	<input type="checkbox"/>	Recreation	<input type="checkbox"/>
Agriculture	X	Commercial	<input type="checkbox"/>
Residential	<input type="checkbox"/>	Mining & quarrying	<input type="checkbox"/>
Forestry	<input type="checkbox"/>	Wilderness areas	<input type="checkbox"/>
Wetlands	X	Nature area	<input type="checkbox"/>
Open spaces	X		<input type="checkbox"/>

Other current land use **Power/Energy generation**

Current land-use zoning:

Industrial (On the property of the Majuba Power Station)

In instances where there is more than one current land-use zoning, please attach a list of current land use zonings that also indicate which portions each use pertains to, to this application.

Is a change of land-use or a consent use application required?
Must a building plan be submitted to the local authority?

YES	NO
YES	NO

Locality map: An A3 locality map must be attached to this document, as **Appendix 5**. The scale of the locality map must be relevant to the size of the development (at least 1:50 000. For linear activities of more than 25 kilometers, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map.) The map must indicate the following:

- an accurate indication of the project site position as well as the positions of the alternative sites, if any;
- road access from all major roads in the area;
- road names or numbers of all major roads as well as the roads that provide access to the site(s);
- all roads within a 1km radius of the site or alternative sites; and a north arrow;
- a legend; and
- locality GPS co-ordinates (Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection).

6. SITE IDENTIFICATION AND LINKAGE, LOCATION AND LANDUSE

6.1 Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

T	O	H	S	0	0	0	0	0	0	0	0	2	6	3	0	0	0	0	0
1	2			3			4			5									

LEGEND:

- 1. Refers to the Surveyor's-General Office
 - 2. Major Code (Registration Division)
 - 3. Minor code
 - 4. Property No (i.e. Farm No./Erf No./Holding Area No./Scheme No.)
 - 5. Portion Number
- (if there are more that 6, please attach a list with the rest of the numbers as **Appendix 6**)
 (These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

6.2 If the property type is not surveyed, complete the following:

Full name of leader of village, community or tribal authority	Executive Mayor: Councillor P V Malatsi Municipal Manager: Mr PB Malebye AMERSFOORT
Local Authority	Pixley Ka Seme Local Municipality
Magisterial District	Gert Sibande District Municipality
Tribal Authority/Council	N/A

Are there any other applications for Environmental Authorisation on the same property? YES NO	
If YES, please indicate the following:	
Competent Authority	Department of Water and Sanitation (DWS)
Reference Number	27/2/2/C911/1/9
Project Name	Amendment of the IWULA to include the construction of two new rehabilitation dams and extension of the existing Ash Dams at Majuba Power Station
Please provide details of the steps taken to ascertain this information: A separate process was followed to assess and apply for the IWULA amendment with the DWS.	

PART C: LISTED ACTIVITIES APPLIED FOR IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE ENVIRONMENTAL IMPACT REGULATIONS, 2014

1. ACTIVITIES APPLIED FOR TO BE AUTHORISED

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

Activity No(s):	Relevant Activity as set out in Listing Notice 1 (GN No. 327)	Describe the portion of the proposed project to which the applicable listed activity relates
12 (i)	The development of (i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; within 32 metres of a watercourse, measured from the edge of a watercourse.	<p>the RD 1 will be situated within 32 m of a non-perennial watercourse and the proposed ash dams will have a footprint of more than 100square metres:</p> <ul style="list-style-type: none"> • Construction of a new Rehabilitation Dam (RD 2) – 19 300 m² in extent with a maximum wall height of 4.85 m • Upgrade of an existing Ash Dam 2 (AD 2) from a size of 95 000 m² in extent to 160 000 m² in extent with an increase in maximum dam wall height from 3.1 m to 4.8 m. • Upgrade of an existing Ash Dam 1 (AD 1) with a maximum wall height of 5 m to 7 m; • and Construction of a Rehabilitation Dam 1 (RD 1) to a maximum wall height of 7 m, and a combined footprint from 80 000m² in extent (the dams will be combined with a compartment wall between them).

63(iii)	<p>The expansion of facilities or infrastructure for the transfer of water from and to or between any combination of the following—</p> <p>(iii) impoundments;</p> <p>where the capacity will be increased by 50 000 cubic metres or more per day, but excluding water treatment works where water is treated for drinking purposes.</p>	<p>Applicable to all ash and rehabilitation dams as there would be a need to transfer water from one dam to the <u>other</u> in some cases.</p> <p>A pump house will be used if one dam is full and pump the overflow to another dam.</p>
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66(i)	<p>The expansion of a dam where (i) the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, was originally 5 metres or higher and where the height of the wall is increased by 2,5 metres or more.</p>	<p>Ash Dam 1 has a current maximum wall height of 5 m, and the proposed compartment wall height will be 7.6 m, which separates the Ash Dam from the Rehabilitation Dam</p>
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Activity No(s):	Relevant Activity as set out in Listing Notice 2 (GN No. 325)	Describe the portion of the proposed project to which the applicable listed activity relates
6	"The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent".	The construction of two new Rehabilitation Dams and the extension of the two existing ash dams for the Majuba Power Station continuous ash disposal facility (ADF) require an amendment of the IWUL.
15	The clearance of an area of 20 hectares or more of indigenous vegetation.	The combined footprint size of the dams is more than 20 hectares AD 1 - 40 500 m2 (4,05ha) AD 2 - 160 000 m2 (16) RD 1 - 80 000 m2 (8ha) RD 2 - 19 300 m2 (1.9ha)
16	The development of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher or where the high-water mark of the dam covers an area of 10 hectares or more.	RD1 wall height will be a maximum of 7 m, whilst the compartment wall will be a maximum height of 7.6 m. AD 1 dam wall height will be increased from 5 to 7 m in height.0587

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

2. TYPE OF APPLICATION REQUIRED FOR ABOVE-MENTIONED ACTIVITIES

2.1 Application for Basic Assessment

Is this an application for conducting a basic assessment (as defined in the Regulations)?

YES	NO

Please indicate when the basic assessment report will be submitted:

N/A

2.2 Application for Scoping and Environmental Impact Reporting (S&EIR) assessment

Is this an application for S&EIR (as defined in the Regulations)?

YES	NO

Please indicate when the S&EIR Report (including the Plan of Study for EIA) will be submitted:

The Draft Scoping Report will be submitted in January 2019, and the Final Scoping Report in March 2019.
The Draft EIR is anticipated to be submitted in April and the Final EIR in May 2019 (depending on the comments received by the DEA, stakeholders and IAPs).

The S&EIR report will be submitted after consultation with the competent authority

YES	NO
X	

PART D: ACTIVITIES APPLIED FOR IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008 AND THE ENVIRONMENTAL IMPACT REGULATIONS, 2014

SECTION 1: TYPE OF APPLICATION AND FACILITY:

1.1 Indicate the type of facility/operation and fill in the required sections only

TYPE OF ACTIVITY	MARK	SECTIONS OF THE FORM TO BE FILLED IN
Recycling and/or recovery Facility		All except Section 5
Storage and or transfer Facility		All except Section 5
Treatment facility		All except Section 5
Disposal facility	X	All

1.2 Activities applied for:

An application may be made for more than one listed or specified activity that, together, make up one development proposal. All the listed activities that make up this application must be listed.

INDICATE THE NO. & DATE OF THE RELEVANT NOTICE:	ACTIVITY NUMBERS (AS LISTED IN THE WASTE MANAGEMENT ACTIVITY LIST) :	DESCRIBE EACH LISTED ACTIVITY (and not as per the wording of the relevant Government Notice):
National Management: Waste Act No 59 of 2008 (NEM:WA)	Category A: Activity 13:	The expansion of a waste management activity listed in Category A or B of this Schedule which does not trigger an additional waste management activity in terms of this Schedule. The two existing ash dams will be extended with a capacity of: AD 1 150000sqm AD 2 390000sqm
National Management: Waste Act No 59 of 2008 (NEM:WA)	Category B Activity 1	Storage of hazardous waste in lagoons excluding storage of effluent, wastewater or sewage Hazardous waste from the ADF will be disposed of on the ash dump. The storm water from the ADF will be contained at the proposed ash and rehabilitation dams.
National Management: Waste Act No 59 of 2008 (NEM:WA)	Category B Activity 10	The construction of a facility for a waste management activity listed in Category B of this Schedule. Construction of the proposed two rehabilitation dams with a capacity of: RD 1 240000sqm RD 2 65000 sqm

NB: Authorisation issued will only cover activities applied for and listed above. Activities added in the middle or after the processing of this authorisation may mean a totally new application.

1.3 TYPE OF APPLICATION REQUIRED FOR ABOVE-MENTIONED ACTIVITIES

1.3.1 Application for Basic Assessment

Is this an application for conducting a basic assessment (as defined in the Regulations)?

YES	NO
	X

Please indicate when the basic assessment report will be submitted:

NA

1.3.2 Application for Scoping and Environmental Impact Reporting (S&EIR) assessment

Is this an application for S&EIR (as defined in the EIA Regulations, 2014) reporting?

YES	NO
X	

Please indicate when the S&EIR Report (including the Plan of Study for EIA) will be submitted:

The Draft Scoping Report and POS will be submitted in January 2019 and the Final Scoping Report in March 2019. The Draft EIR will be submitted shortly after the comments on the Plan of Study and requirements from DEA have been received and incorporated, followed by the 30 day review period in April 2019. The Final EIR is expected to be submitted in May 2019

The scoping report will be submitted after consultation with the competent authority: A
Pre-application meeting was held with DEA on 26 November 2018

YES	NO
X	

1.4 Size of Site and Classification

Size of facility for a waste management activity

The existing ash dam capacity at Majuba Power Station will be expanded by construction of two Rehabilitation Dams and extension of two ash dams
The proposed ash dams will have a capacity of:
RD 1 240000sqm
RD 2 65000sqm
AD 1 150000sqm
AD 2 390000sqm

Area where the waste management activity takes Place

Majuba Power Station (Farm 263)

Classification of facility in terms of climatic water balance

The study area comprises five quaternary catchments in the Upper Vaal Water Management Area with the Majuba Power Station and ADF site located in C11J

Classification of Facility in terms of the type and the quantity of waste received

Category A: Activity 13
Category B Activity 1
Category B Activity 10

1.5 Operational times

Stations are operated on a 24hour basis daily, ash dams as below

PERIOD	FROM	UNTIL
Weekdays	24hrs	24hrs
Saturdays	24hrs	24hrs
Sundays	24hrs	24hrs
Public holidays	24hrs	24hrs

SECTION 2: WASTE QUANTITIES

2.1 Indicate or specify types of waste and list the estimated quantities expected to be managed daily (should you need more columns, you are advised to add more)

Hazardous waste	Non hazardous waste	Total waste handled (tonnes)
Storm water from ADF	N/A	The proposed ash and rehabilitation dams volumes will have a capacity of: RD 1 240000sqm RD 2 65000sqm AD 1 150000sqm AD 2 390000sqm

Source of information supplied in the table above Mark with an "X"

Determined from volumes

Determined with weighbridge/scale

Estimated

X

2.2 Recovery, Reuse, Recycling, treatment and disposal quantities:

Indicate the applicable waste types and quantities expected to be disposed of and salvaged annually: **This is not a landfill site, but ash dams that will contain wastewater**

TYPES OF WASTE	MAIN SOURCE (NAME OF COMPANY)	QUANTITIES		ON-SITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE RECOVERY REUSE RECYCLING TREATMENT OR DISPOSAL	OFFSITE DISPOSAL
		TONS/MONTH	M ³ /MONTH	method & location	method location and contractor details	
N/A	N/A	N/A	N/A	N/A	N/A	N/A

SECTION 3: GENERAL

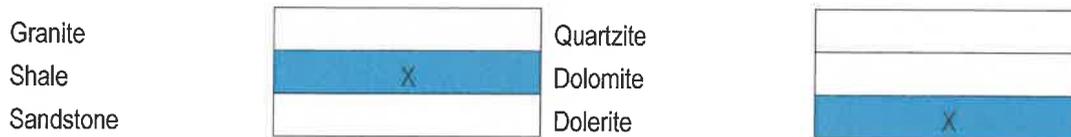
3.1 Prevailing wind direction (e.g. NWW)

November – April	E NW
May- October	E NW

3.2 The size of population to be served by the facility

	Mark with "X"	Comment
0-499	X	The project is secondary to the existing Majuba Power Station and will on its own not directly impact on or serve the community
500 – 9,999		
10 ,000 – 199 999		
200,000 upwards		

3.3 The geological formations underlying the site:



Other:

Majuba Power Station lies on the north-eastern rim of the Great Karoo Basin which comprises predominantly sediments of the Karoo Supergroup. The Karoo **dolerite** has intruded these sediments along planes of weakness and form a large part of the Karoo rocks in the area.

The Karoo sediments that underlie the site belong to the Volksrust Formation (Ecca Group). The sediments consist of light to dark bluish grey micaceous mudrocks and **shales** with subordinate and intercalated siltstone/sandstone. Over much of the Karoo basin, the sedimentary rocks are horizontally bedded or have very gentle dips. Sandstones comprise a large portion of the Karoo sediments and are generally closely intercalated with the mudrocks and siltstones. The intruding dolerite dykes and still comprised dark-coloured, crystalline, igneous basaltic rocks weathering as prominent ridges or hills.

SECTION 4: COMPETENCE TO OPERATE SITE

It is imperative that the holder of the waste management licence is a fit person in terms of section 59 of the NEMWA (59 of 2008). To assess the holder's competence to operate the site, please disclose the following:

4.1 Legal compliance

Has the applicant ever been found guilty or issued with a non compliance notice in terms of any national environmental management legislation?

Has the applicant's licence in terms of the Waste Act 2008 ever been revoked?

Has the applicant ever been issued with a non compliance notice or letter in terms of any South African Law?

YES/NO	DETAILS
NO	None
NO	None
NO	None

NB: Details required above include any information that the applicant wants the Department to take into consideration in determining whether they are a "fit person" and this includes reasons why the offence happened and measures in place to prevent recurrence

4.2 Technical competence

What technical skills are required to operate the site?	Eskom has existing skilled staff on site who already handle activities related to the storage of effluent/waste from the Majuba Power Station
How will the applicant ensure and maintain technical competency in the operation of the site?	Eskom has existing programmes to train staff in all aspects related to the handling of waste on site

4.3 Details of applicant's experience and qualification along with that of relevant employees must be summarised as shown in the table below:

NAME	POSITION	DUTIES AND RESPONSIBILITIES	QUALIFICATIONS AND EXPERIENCE
Tshiki Mashabane	Chemical Services Manager	Demineralized Water Production; Cycle Chemistry monitoring and reporting; oil and coal lab management; and Water Balance Management	BTech Chemical Engineering 18 Years in Power Plant Chemistry and Water Management

4.4 Financial Provisions

Provide a plan of estimated expenditure for the following:

	ATTACHED//NOT ATTACHED	SECTION OF THE REPORT WHERE IT IS ATTACHED
Environmental Monitoring	Not available at this stage	N/A
Provision and replacement of infrastructure	Not available at this stage	N/A
Restoration and aftercare	Not available at this stage	N/A

SECTION 5: LANDFILL PARAMETERS

This is not a landfill site but wastewater

dams

5.1 The method of disposal of waste:

Land-building Land-filling Both

The dimensions of the disposal site in metres

AD1	At commencement	After rehabilitation
Height/Depth	7.6 m (new)	N/A
Length	N/A	N/A
Breadth	N/A	N/A

The dimensions of the disposal site in metres

RD1	At commencement	After rehabilitation
Height/Depth	2 m (increase)	N/A
Length	N/A	N/A
Breadth	N/A	N/A

The dimensions of the disposal site in metres

AD2	At commencement	After rehabilitation
Height/Depth	1.7m	N/A
Length	N/A	N/A
Breadth	N/A	N/A

The dimensions of the disposal site in metres

RD2	At commencement	After rehabilitation
Height/Depth	4.85m	N/A
Length	N/A	N/A
Breadth	N/A	N/A

5.2 The total volume available for the disposal of waste on the site:

AD1		
Volume Available	Mark with "X"	Source of information (Determined by surveyor/ Estimated)
Up to 99		
100-34 999	X	Majuba Power Station Ash Dump Monitoring Programme (2017)
35 000- 3,5 million		
>3,5 million		

RD1		
Volume Available	Mark with "X"	Source of information (Determined by surveyor/ Estimated)
Up to 99		
100-34 999	X	Majuba Power Station Ash Dump Monitoring Programme (2017)
35 000- 3,5 million		
>3,5 million		

AD2		
Volume Available	Mark with "X"	Source of information (Determined by surveyor/ Estimated)
Up to 99		
100-34 999	X	Majuba Power Station Ash Dump Monitoring Programme (2017)
35 000- 3,5 million		
>3,5 million		

RD2		
Volume Available	Mark with "X"	Source of information (Determined by surveyor/ Estimated)
Up to 99		
100-34 999	X	Majuba Power Station Ash Dump Monitoring Programme (2017)
35 000- 3,5 million		
>3,5 million		

5.3 The total volume already used for waste disposal:

(a) Will the waste body be covered daily	YES	NO
(b) Is sufficient cover material available	YES	NO
(c) Will waste be compacted daily	YES	NO

If the answers (a) and/or (b) are No, what measures will be employed to prevent the problems of burning or smouldering of waste and the generation of nuisance?

The site is located far from residential areas. The waste source is storm water from the ADF and will therefore not burn and does not require any sort of covering.

5.4 The Salvage method

Mark with an "X" the method to be used.

At source

Recycling installation

Formal salvaging

Contractor

No salvaging planned

NONE

5.5 Fatal Flaws for the site:

Indicate which of the following apply to the facility for a waste management activity:

YES	NO

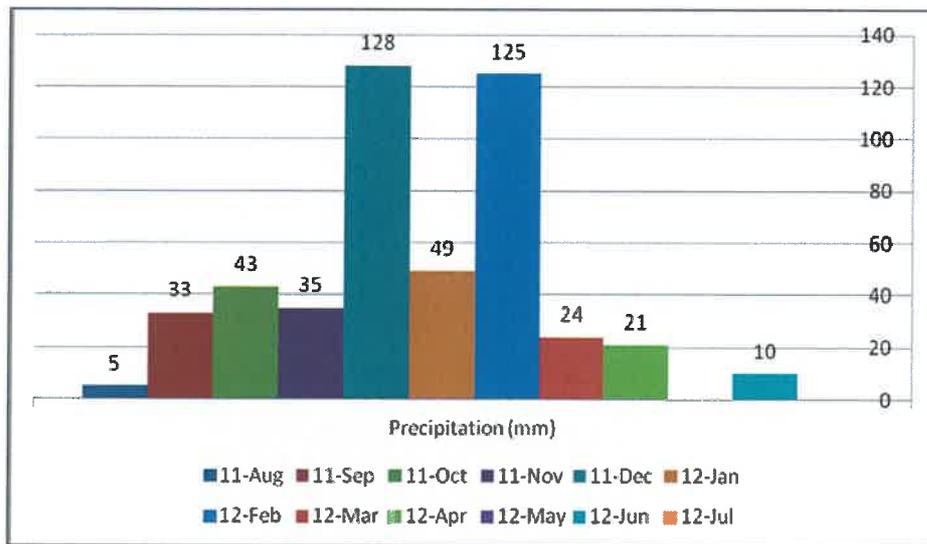
- Within a 3000m radius of the end of an airport landing strip
- Within the 1 in 50 year flood line of any watercourse
- Within an unstable area (fault zone, seismic zone, dolomitic area, sinkholes)
- Within the drainage area or within 5 km of water source
- Within an area with shallow and/or visible water table
- Within an area adjacent to or above an aquifer
- Within an area with shallow bedrock and limited available cover material
- Within 100 m of the source of surface water
- Within 1km from the wetland
- Indicate the distance to the boundary of the nearest residential area
- Indicate the distance to the boundary of the industrial area

YES	NO
14,3 km	
N/A	

On average the water levels within Majuba Power Station area at a depth of 3.06 mbgl with a minimum depth of 0.31 mbgl between ADF and Witbankspruit and maximum depth of 11.75mbgl is observed between the ADF and Palmietspruit.

5.6 Wettest six months of the year

The study area falls within a summer rainfall region, with over 85% of the annual rainfall occurring during the October to March period. Between October 2011 and March 2012, monthly rainfall ranged between 21 and 128 mm.



November-April	X
May-October	

5.7 For the wettest six month period indicated above, indicate the following for the preceding 30 years

Note: only the data from Jan 2007 to August 2014 was available (Majuba data but not verified)

	Total rainfall for 6 months	Total A-pan evaporation for 6 months	Climatic water balance
For the 1 st wettest year 2009	894.4	-	-
For the 2 nd wettest year 2010	663.8	-	-
For the 3 rd wettest year 2011	397.3	-	-
For the 4 th wettest year 2007	277	-	-
For the 5 th wettest year 2014 to date	254.5	-	-
For the 6 th wettest year 2008	238	-	-
For the 7 th wettest year			
For the 8 th wettest year			
For the 9 th wettest year			
For the 10 th wettest year			

5.8 Location and depth of ground water monitoring boreholes:

Majuba Power Station

Groundwater Monitoring Locations

Map no.	Sample Type	Longitude (oE)	Latitude (oS)	Description	Sample Depth (m)
AB01	N	29.7382	-27.1071	West - Next to western boundary fence - downstream from dam AP03	16.00
AB02	N	29.7586	-27.1221	South - Next to farm gate in field in the south.	7.00
AB03	N	29.7581	-27.1092	East - About 100m south east of dam AP01 between 3 poles	5.00
AB04	N	29.7594	-27.1022	N East - Between road and fence north of bridge	17.00
AB05	N	29.7520	-27.1197	Wind pump SE of ashing area. Labelled B5 or B13 in previous reports.	-
AB08	N	29.7431	27.1224	South W - On side of hill outside new security fence	-
AB09	N	29.7584	27.1372	South - Wind pump on farm south of Ashing area	-
AB10	N	29.7483	27.1436	South - Wind pump on farm south of Ashing area	-
AB11	N	29.7587	-27.1200	East - In marshy area of Palmiet Spruit - north east of AB02	9.00
AB12	N	29.7462	-27.1010	North - North of dam AP02	32.00
AB13	N	29.7434	-27.1007	North - North of dam AP02	33.00
AB14	N	29.7385	-27.1134	S West - Next to western fence	28.00
AB23	N	29.7394	-27.1111	West - Windmill about 100m from fence	-
AB26	N	29.7577	-27.1051	Under big dam at ash.	15.00
AB29	N	29.7328	-27.1050	Background borehole east of ashing area.	-
AB30	N	29.7570	-27.1136	South eastern corner next to fence - Deep	35.00
AB31	N	29.7570	-27.1136	South eastern corner next to fence - Shallow	15.00
AB32	N	29.7575	-27.1087	North-west of AB03	26.00
AB33	N	29.7396	-27.1151	S Western corner in cleared area	15.00
AB34	N	29.7396	-27.1151	S Western corner in cleared area	26.00
AB35	N	29.7527	-27.1014	North of ash stack next to fence	15.00
AB36	N	29.7527	-27.1014	North of ash stack next to fence	21.00
CB20	N	29.7915	-27.0903	Borehole near tar road, opposite bridge	7.00
CB22	N	29.7865	-27.1139	In Coal Stockyard near road	15.00
CB27	N	29.7817	-27.1052	North of Coal Stock Yard.	29.00
CB28	N	29.7913	-27.1046	East of new railway line next to trench CC08.	22.00
MJ17-01D	N	29.74101	-27.11763	West of the ash dump Exemption area	50.00
MJ17-01S	N	29.74104	-27.11765	West of the ash dump Exemption area	11.00
MJ17-02D	N	29.75638	-27.11480	East of the ash dump Exemption area	40.00
MJ17-02S	N	29.75636	-27.11488	East of the ash dump Exemption area	7.50
MJ17-02P	N	29.75635	-27.11482	East of the ash dump Exemption area	2.00
MJ17-03D	N	29.75795	-27.11830	South-East of the ash dump Exemption area	40.00
PB15	N	29.7617	-27.1038	In corner of conveyer and PS fence	19.00
PB16	N	29.7659	-27.0784	In game reserve, most northern fence	18.00
PB17	N	29.7730	-27.0896	Next to western fence of sewerage plant	12.00
PB19	N	29.7708	-27.1181	At solid waste site, next to gravel road	15.00
PB24	N	29.7622	-27.1018	SW of Power Station	28.00
PB25	N	29.7679	-27.0828	Under Emergency dam	6.00
PB37	N	29.7800	-27.0965	Next to road and raw water dam	16.00
PB38	N	29.7761	-27.1049	South of Water tower upstream of emergency coal stack.	15.00
PB39	N	29.7724	-27.0982	West of PS downstream of emergency coal stack.	11.00

5.9 Location and depth of landfill gas monitoring test pit:

N/A Majuba does not have landfill gas monitoring test pits, it is an ash waste site

Codes of boreholes	Borehole locality	Latitude			Longitude		
.....	o	l	"	o	l	"
.....	o	l	"	o	l	"
.....	o	l	"	o	l	"
.....	o	l	"	o	l	"
.....	o	l	"	o	l	"
.....	o	l	"	o	l	"
.....	o	l	"	o	l	"
.....	o	l	"	o	l	"

SECTION 6: OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act	YES	NO	YES	NO
National Environmental Management: Biodiversity Act	YES	NO	YES	NO
National Environmental Management: Integrated Coastal Management Act	YES	NO	YES	NO
National Environmental Management: Protected Areas Act	YES	NO	YES	NO
National legislation				
Mineral Petroleum Development Resources Act	YES	NO	YES	NO
National Water Act	YES	NO	YES	NO
National Heritage Resources Act	YES	NO	YES	NO
Others: Please specify	YES	NO	YES	NO

PART E: LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Proof of Payment (Organ of state, motivation attached)	YES	NO
Appendix 2	Strategic Infrastructure Projects	YES	N/A
Appendix 3	List of land owners (with contact details) and proof of notification of land owners. (Land owned by the applicant)	YES	NO
Appendix 4	List of Organs of State and applicable authorities (with contact details)	YES	NO
Appendix 5	Project map	YES	N/A
Appendix 6	List of SGIDs	YES	NO
Appendix 7	Project schedule	YES	N/A
Appendix 8	Declaration of Applicant	YES	NO
Appendix 9	Declaration of EAP	YES	NO

APPENDIX 1: PROOF OF PAYMENT/MOTIVATION FOR EXCLUSION

Mr. S Malaza
Chief Director: Integrated Environmental Authorization
Department of Environmental Affairs
Private Bag X447
Pretoria
0001

Date:
21 January 2019

Enquiries: Emmy Molepo
Tel +27 11 800 4211

Our Ref No: ENV19 – L008

Dear Mr. Malaza

THE PROPOSED CONSTRUCTION OF TWO NEW REHABILITATION DAMS & EXTENSION OF THE TWO EXISTING ASH DAMS FOR MAJUBA POWER STATION: MOTIVATION FOR FEES APPLICATION EXCLUSION MADE BY AN ORGAN OF STATE

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 "National Environmental Management Act, 1998 (Act no. 107 of 1998). Fees 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).

**THE PROPOSED CONSTRUCTION OF TWO NEW REHABILITATION DAMS & EXTENSION
OF THE TWO EXISTING ASH DAMS FOR MAJUBA POWER STATION**

Eskom applies for exclusion from payment of the fees applicable to Majuba Power Station ash and rehabilitation dams' application, since it is a State Owned Company.

Yours sincerely



Deidre Herbst

ESKOM ENVIRONMENTAL MANAGER

SUSTAINABILITY DIVISION: ENVIRONMENTAL MANAGEMENT

APPENDIX 2: STRATEGIC INFRASTRUCTURE PROJECTS

SIP 9: Electricity generation to support socioeconomic development

Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.

Indicate capacity in MW: Not directly relevant to the Ash Dams, no electricity generated for this site

X

**APPENDIX 3: LIST OF LANDOWNERS AND PROOF OF LANDOWNER
NOTIFICATION**

NOT APPLICABLE

APPENDIX 4: LIST OF ORGANS OF STATE AND APPLICABLE AUTHORITIES

The following Organs of State and authorities are relevant to the project:

National

Department of Agriculture, Forestry & Fisheries
 Department of Environmental Affairs
 Department of Environmental Affairs: Integrated Environmental Authorisations
 Department of Water And Sanitation
 SAHRA - Head Office

Provincial

Department of Environmental Affairs: Mpumalanga
 Mpumalanga Department of Agriculture, Rural Dev & Land Administration (DARDLA)
 Mpumalanga Tourism Authority
 SAHRA: Mpumalanga Region

Local

Pixley ka Seme Local Municipality
 Govan Mbeki Municipality
 Lekwa Local Municipality

Representatives of the abovementioned authorities:

Surname	Name	Authority	Address		Number	Fax	Cell phone	e-mail address
Bapela	Lerato	Dept of Waterand Sanitation	Private Bag X313	PRETORIA	012 336 8324	012 336 7399	082 902 8161	bapelal@dwa.gov.za
Bofilatos	Eustathia	Dept of Waterand Sanitation	Private Bag X313	PRETORIA	012 336 7562	012 336 8849	082 806 8281	bofilatose@dwa.gov.za

Surname	Name	Authority	Address			Number	Fax	Cell phone	e-mail address
Manaka	Martha	Dept of Water Affairs: Mpumalanga Province				012 392 1354		082 419 8884	manakam@dwa.gov.za
Bergh	O	Lekwa Local Municipality	P O Box 9	MORGENZON	2315	017 793 3002	017 793 3206		
Batchelor	Garth	MDEDET	Private Bag X11219	NELSPRUIT	1200	013 766 6061	013 766 8445 / 29	082 771 7998	gbatchelor@mpg.gov.za
Tswai	Dineo	MDEDET	PO Box 383	WITBANK	1035	013 690 2595	013 690 3704	072 539 2052	dtswai@mpg.gov.za
Venter	Jan	Mpumalanga Dept of Agriculture, Rural Dev & Land Administration (DARDLA)	Private Bag X9019	ERMELO	2350			082 653 7611	jv16@telkomsa.net
De Jager	Lood	Pixley ka Seme Local Municipality	Private Bag X9011	VOLKSRUST	2170	017 735 5141	017 735 3004		seme.mun@vlr.dorea.co.za
Jezile	Khosi	Pixley ka Seme Local Municipality	Private Bag X9011	VOLKSRUST	2470			079 112 2983	khosij@pixleykaseme.gov.za
Hine	Phillip	SAHRA - Head Office	111 Harrington Street	CAPE TOWN	8001	021 462 4502			phine@sahra.org.za
Scheermeyer	Colette	SAHRA - Head Office		Cape Town	8001	021 462 4502			cscheermeyer@sahra.org.za
Moduka	Benjamin	SAHRA: Mpumalanga Region	PO Box 1243	NELSPRUIT	1200	013 766 5196	013 766 8256	082 407 0842	bmoduka@mpg.gov.za



APPENDIX 6: LIST OF SGIDS

TOHS000000000**263**00000

APPENDIX 8: DECLARATION BY THE APPLICANT

THE PROPOSED CONSTRUCTION OF TWO NEW REHABILITATION DAMS & EXTENSION OF THE TWO EXISTING ASH DAMS FOR MAJUBA POWER STATION' ASH DISPOSAL FACILITY

1. The Applicant

I, **Ms Deidre Herbst**, declare that I -

- am, or represent¹, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner²;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2014, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - 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;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- 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;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, 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 environmental assessment practitioner is responsible for in terms of these Regulations;
- 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;
- will perform all other 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

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

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

THE PROPOSED CONSTRUCTION OF TWO NEW REHABILITATION DAMS & EXTENSION OF THE TWO EXISTING ASH DAMS FOR MAJUBA POWER STATION' ASH DISPOSAL FACILITY

I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.



Signature of the applicant³/ Signature on behalf of the applicant:

Eskom Holdings SOC Ltd

Name of company (if applicable):

21.01.2019

Date:

³ _____
If the applicant is a juristic person, a signature on behalf of the applicant is required as well as **proof of such authority**.

APPENDIX 9: EAP DECLARATION OF INTEREST

The Environmental Assessment Practitioner

I, **Marinda le Roux**, declare that

General declaration:

I act as the independent environmental practitioner in this application

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 declare that there are no circumstances that may compromise my objectivity in performing such work;

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 take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;

I have no, and will not engage in, conflicting interests in the undertaking of the activity;

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;

I will ensure that information containing all relevant facts in respect of the

application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;

I will ensure that the comments of all interested and affected parties are

considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;

I will keep a register of all interested and affected parties that participated in a public participation process; and

I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not

all the particulars furnished by me in this form are true and correct;

will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations;
and

I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F 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 Environmental Impact Assessment Regulations, 2014;

I have a vested interest in the proposed activity proceeding, such vested interest being:

NONE



Signature of the environmental assessment practitioner:

Name of company:

ADVISIAN

Date: 22/01/2019

Certified by
COMMISSIONER OF OATHS
Johannes Wepener
Financial Planner
122 Gen. Hertzog Road
Three Rivers Vereeniging
Ex Officio Commissioner of Oaths
9/1/B/2 Vereeniging (A15)



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DETAILS OF SPECIALIST AND DECLARATION OF INTEREST

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

Application for environmental authorisation, integrated environmental authorisation and waste management licence in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

PROJECT TITLE

Establishment of 2 Rehabilitation Dams & Extension of 2 Existing Ash Dams for Majuba Power Station Ash Disposal Facility

Specialist:	Archaeological Impact Assessment		
Contact person:	Jaco van der Walt		
Postal address:	Private Bag x 1049 Suite 34 Modimolle		
Postal code:	0510	Cell:	082 373 8491
Telephone:	082 373 8491	Fax:	086 691 6461
E-mail:	Jaco.heritage@gmail.com		
Professional affiliation(s) (if any)			
Project Consultant:	ADVISIAN		
Contact person:	Marinda le Roux		
Postal address:	PO Box 398, Bellville		
Postal code:	7535	Cell	0614174281
Telephone:	010 593 3947 (021) 912 3000	Fax	-
E-mail:	MarindaLeRoux.Advisian@outlook.com		

The specialist appointed in terms of the Regulations_

I, Jaco van der Walt , declare that --

General declaration:

- I act as the independent specialist in this application;
- 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 declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, 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 have no, and will not engage in, conflicting interests in the undertaking of the activity;
- 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;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of Regulation 48



Signature of the specialist:

HCAC

Name of company (if applicable):

22 January 2019

Date:

DETAILS OF SPECIALIST AND DECLARATION OF INTEREST

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

Application for environmental authorisation, integrated environmental authorisation and waste management licence in terms of the-

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- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

PROJECT TITLE

Establishment of 2 Rehabilitation Dams & Extension of 2 Existing Ash Dams for Majuba Power Station Ash Disposal Facility

Specialist:	Terrestrial Ecology		
Contact person:	Luke VERBURGT		
Postal address:	1 Velling Pl, Pretoria, 0050		
Postal code:	0050	Cell:	012 807 0637
Telephone:	083 784 1997	Fax:	n/a
E-mail:	luke@enviro-insight.co.za		
Professional affiliation(s) (if any)	SACNASP: 400508/11 Zoological Sc.		

Project Consultant:	ADVISIAN		
Contact person:	Marinda le Roux		
Postal address:	PO Box 398, Bellville		
Postal code:	7535	Cell	0614174281
Telephone:	010 593 3947 (021) 912 3000	Fax	-
E-mail:	MarindaLeRoux.Advisian@outlook.com		

The specialist appointed in terms of the Regulations_

I, Luke VERBURGT, declare that --

General declaration:

- I act as the independent specialist in this application;
- 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 declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, 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 have no, and will not engage in, conflicting interests in the undertaking of the activity;
- 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;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of Regulation 48

Signature of the specialist:

Enviro-Insight

Name of company (if applicable):

Date: 21 Jan 2019

DETAILS OF SPECIALIST AND DECLARATION OF INTEREST

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

Application for environmental authorisation, integrated environmental authorisation and waste management licence in terms of the-

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014; and
- (2) National Environmental Management Act: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 921, 2013

PROJECT TITLE

Establishment of 2 Rehabilitation Dams & Extension of 2 Existing Ash Dams for Majuba Power Station Ash Disposal Facility

Specialist:	Confluent Environmental		
Contact person:	James Dabrowski		
Postal address:	50 Bokamkierie st., Eden, George		
Postal code:	6529	Cell:	083 557 5688
Telephone:	083 557 5688	Fax:	n/a
E-mail:	james@confluent.co.za		
Professional affiliation(s) (if any)	Pr. Sci. Nat (SACNASP)		

Project Consultant:	ADVISIAN		
Contact person:	Marinda le Roux		
Postal address:	PO Box 398, Bellville		
Postal code:	7535	Cell	0614174281
Telephone:	010 593 3947 (021) 912 3000	Fax	-
E-mail:	MarindaLeRoux.Advisian@outlook.com		

The specialist appointed in terms of the Regulations_

James Dabrowski

I, _____, declare that --

General declaration:

- I act as the independent specialist in this application;
- 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 declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, 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 have no, and will not engage in, conflicting interests in the undertaking of the activity;
- 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;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of Regulation 48



Signature of the specialist:

Confluent Environmental

Name of company (if applicable):

21 January 2019

Date: