

Zitholele Consulting

Reg. No. 2000/000392/07

PO Box 6002 Halfway House 1685
South Africa
Thandanani Park, Matuka Close
Halfway Gardens, Midrand
Tel + (27) 11 207 2060
Fax + (27) 86 674 6121
E-mail : mail@zitholele.co.za



Our Ref : 12810-Let-01

12 December 2012

Department of Environmental Affairs
Private Bag x 447
Pretoria
0001

Attention :

Dear Mr / Ms,

Integrated Application Form for a new 30 year ash disposal facility for Kendal Power Station, Mpumalanga.

Please find herewith attached the following:

- Integrated Application Form for the aforementioned project;
- Declaration of Independence by the Environmental Assessment Practitioner (EAP);
- A list of the local authorities; and
- List of properties within the 10 km radius for investigation

If you require any additional information please do not hesitate to contact me at the details above.

Yours faithfully

ZITHOLELE CONSULTING (PTY) LTD

A handwritten signature in black ink, appearing to read 'Warren Kok'.

Warren Kok

A handwritten signature in black ink, appearing to read 'Gernie Agenbag'.

Gernie Agenbag

APPLICATION FORM

Appendix A – Locality map

Appendix B – List of properties included in study area

EAP DECLARATION OF INDEPENDENCE FORM

A LIST OF THE LOCAL AUTHORITIES WITHIN STUDY AREA

Local Authority	Contact Person	Closest Town	Contact Number
Emalahleni Local Municipality	Erald Nkabinde	Kendal	013 692 6911
Victor Khanye Local Municipality	–	Delmas	013 665 6000



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

File Reference Number:	(For official use only)
NEAS Reference Number:	12/12/20/ or 12/9/11/L
Date Received:	DEAT/

Application for 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, 2010; and
- (2) National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and Government Notice 718 of 2009.

PROJECT TITLE

New 30 year Ash Disposal facility for Kendal Power Station.

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, 2010, the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("NEMWA") and the Schedule contained in Government Notice 718, published on 3 July 2009 in terms of section 19 of NEMWA.

2. APPLICABILITY OF INTEGRATED ENVIRONMENTAL AUTHORISATION PROCESS

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

- (a) competent authority for the environmental authorisation applied for in terms of NEMA and the EIA Regulations, 2010; and
- (b) 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.

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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 R544, R545 and R546 respectively and the waste licensing process for listed activities contained in the Schedule in Government Notice 718, 2009 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, 2008 (Act No. 107 of 1998) ("NEMA").

3.1.2 This integrated application form is the official form in terms of regulation 12(2)(a) of the EIA Regulations, 2010 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 R544, R545, and R546 respectively, in terms of NEMA 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.
 - licencing authority in respect of all activities listed in both categories of the Schedule contained in Government Notice 718, 2009 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

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- 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.

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]

The integrated application for environmental authorisation must be submitted by lodging an application with the National Department of Environmental Affairs. The application must be marked for the attention of:

The Director: Environmental Impact Evaluation
Private Bag X447
Pretoria 0001
Tel: 012 310 3230

3.3 Making an Application

- 3.3.1 This application form is current as of 1 September 2010. 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.deat.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 (together with four hard copies of 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.
- 3.3.10 There is currently no prescribed fee.

3.4 Appointment of an EAP

- The applicant must appoint an EAP in terms of EIA Regulations, 2010;
- The EAP must comply with general requirements as given in EIA regulations, 2010; and
- The EAP may be disqualified in terms of EIA Regulations, 2010.

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 Numbers R544 and R546, 2010 respectively and which must follow the process described in sections 21-25 of the EIA Regulations, 2010; 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 R545, 2010 and which must follow the process described in sections 26-35 of the EIA Regulations, 2010.

3.5.2 NEMWA activities

- (a) Basic assessment, in terms of sections 21-25 of the EIA Regulations, 2010, 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 718, published on 3 July 2009, in terms of section 19 of NEMWA; and
- (b) S&EIR, in terms of sections 26-35 of the EIA Regulations, 2010, 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 718, published on 3 July 2009, 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.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3290
Fax: 012-320-7539

PART B: GENERAL

1. DESCRIPTION OF PROJECT

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

Kendal Power Station (Kendal PS) is a 4,116 Mega Watt (MW) installed capacity base-load coal-fired power station, located in Mpumalanga. Eskom Holdings SOC Limited (Eskom) commenced construction of Kendal in 1982, which was completed in the year 1993. Ash is generated as a by-product of the power generation process at Kendal Power Station (Kendal PS). This ash is currently being disposed of by means of 'dry-ashing' within the premises of the Kendal Power Station. It is envisaged that this practice of dry-ashing will continue for the remaining life of the power station until 2053.

The current ash disposal facilities at Kendal Power Station are running out of space due to the high ash volumes being produced due to poor quality coal, and as a result the life span of Kendal has been extended to 2053. The proposed extension of the current facility will not suffice until 2053, therefore Kendal is in need of a new 30 year ash disposal facility and associated infrastructure. The study area for this 30 year application shall be within a 10km radius of the existing Power Station.

The new ash disposal facility at Kendal will need to meet with the following specifications:

- Need an estimated footprint area of approximately 1000 hectares for all related activities (Fenced Area including pollution control dams).
- Ash Pollution Control Dams

This will allow adequate ash disposal at the Kendal power station until the end of its lifespan.

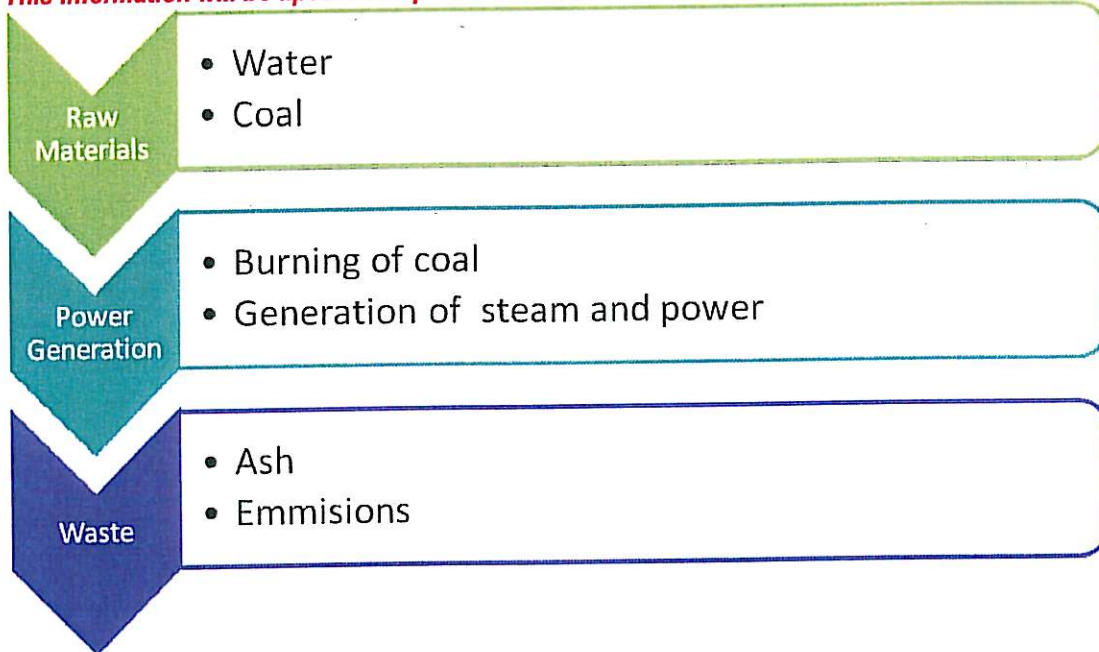
Purpose of application:

The purpose of this application is to obtain the necessary Authorisations for a new 30 years ash disposal facility at Kendal PS as well as associated infrastructure.

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.

This information will be updated as part of the EIA



3. BACKGROUND INFORMATION

Project applicant:	Eskom Kendal Power Station		
Trading name (if any):	Eskom Holdings S O C Ltd		
Contact person:	Ms Deidre Herbst		
Physical address:	Megawatt Park, Maxwell Drive, Sunninghill, Sandton, Johannesburg, 2157		
Postal address:	PO Box 1091, Johannesburg		
Postal code:	2000	Cell:	083 660 1147
Telephone:	011 800 3501/3725	Fax:	086 660 6092
E-mail:	HerbstDL@eskom.co.za		

Landowner:	Eskom Kendal Power Station		
Contact person:	Mr. Marcus Nemadodzi		
Physical address:	N12 Freeway, Balmoral Exit, Emalahleni.		
Postal address:	Private Bag X7272, Emalahleni.		
Postal code:	1035	Cell:	079 492 377
Telephone:	013 647 6740	Fax:	013 647 6904
E-mail:	NemadoNM@eskom.co.za		

(Handwritten signature and initials)

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

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

Location of new 30 year ash disposal facility has not yet been identified. The focus area is a 10km radius around Kendal power station.

Property owned by applicant (100% Share value)		Property leased by applicant	
Property owned by applicant (Share value less than 100%)		The property is communal land	

Current details of Kendal Power Station – To be updated.

Local authority in whose jurisdiction the proposed activity will fall:

Emalahleni Local Municipality

Nearest town or districts:

Kendal

Contact person:

Erald Nkabinde

Postal address:

PO Box 3, Emalahleni

Postal code:

1035

Cell:

082 729 7488

Telephone:

013 690 6353

Fax:

-

E-mail:

nkabindeej@emalahleni.co.za

In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.

List attached

Please note that a complete list of all organs of state and or any other applicable authority with their contact details must be appended to this application.

List to be supplied after notification.

Property description/physical address:

Location of new ash disposal facility has not yet been identified. The focus area is a 10km radius around Kendal power station

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

In instances where there is more than one town or district involved, please attach a list of towns or districts to this application. **The focus area is a 10km radius around Kendal power station, to be updated after site selection process.**

Current land-use where the site is situated:

Industrial	X	Recreation	
Agriculture	X	Commercial	
Residential		Mining & quarrying	X
Forestry		Wilderness areas	
Wetlands	X	Nature area	
Open spaces	X		

Other current land-use.....

Current land-use zoning:

The focus area is a 10km radius around Kendal power station, to be updated after site selection process.

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?

The focus area is a 10km radius around Kendal power station, to be updated after site selection process..

Yes	No
Yes	No

Locality map:

An A3 locality map must be attached to the back of this document, as Appendix A. 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 kilometres, 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).

4. SITE IDENTIFICATION AND LINKAGE, LOCATION AND LANDUSE

4.1 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.

* The focus area is a 10km radius around Kendal power station, to be updated after site selection process.

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./Sheme No.)
- 5. Portion Number

(if there are more that 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

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

Full-name-of-leader-of-village,-community-or-tribal authority

Local-Authority

Magisterial-District

Tribal-Authority/Council

N/A

PART C: LISTED ACTIVITIES APPLIED FOR IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE ENVIRONMENTAL IMPACT REGULATIONS, 2010

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.

Indicate the number and date of the relevant notice:	Activity No (s) (to the relevant or notice) :	Describe each listed activity as per the detailed project description (and not as per wording of the relevant Government Notice):
GN R. 545 of 2010	Activity 6 (iii)	The dry ash to be transported to the ash disposal facility on a conveyor belt that transports in excess of 50 tonnes of ash per day. The ash is classified as a dangerous substance.
GN R. 544 of 2010	Activity 11	The new site might impact on watercourses and river which might need to be relocated.
GN R. 544 of 2010	Activity 10	The new facility shall require that new powerlines be constructed.
GN R. 544 of 2010	Activity 12	All surface water contaminated by the ash disposal facility will be collected and stored in an off stream storage dam. The capacity of this facility will be more than 50 000 cubic metres.
GN R. 544 of 2010	Activity 18	The new facility may impact on wetland or watercourses and if may be necessary to infill or deposit material into these. It will be determined in the EIA phase if this activity is at all applicable.
GN R. 544 of 2010	Activity 19 and 20	The need for a borrow pit area might arise for construction of roads.
GN R. 544 of 2010	Activity 22	Maintenance and service roads will be constructed or upgraded.
GN R. 544 of 2010	Activity 24	The disposal of ash will result in the further permanent physical alteration of an area more than 1000 ha. This area is used for various uses but is largely vacant, derelict, undeveloped or used for agricultural purposes such as grazing or cultivation. It will be determined in the EIA phase if this activity is at all applicable.
GN R. 544 of 2010	Activity 26	It is highly likely that the ash disposal facilities footprint may affect several protected species listed in terms of the National Environmental Management: Biodiversity Act (No 10 of 2004) will need to be removed, relocated, or destroyed. This activity is regulated in terms of the aforementioned act and provincial legislation and will require appropriate permits. It will be determined in the EIA phase if this activity is at all applicable.
GN R. 544 of 2010	Activity 29 (ii)	There will be no increase in electricity output, however considering the ash disposal facilities footprint is part of the larger power

		station, it could be argued that the foot print of the Kendal Power Station is being increased by more than 1000 ha.
GN R. 544 of 2010	Activity 47	Maintenance and service roads will be constructed or upgraded.

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

<i>The Scoping Report should be submitted by March 2013 and the EIR by October 2013</i>

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

YES	NO
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PART D: ACTIVITIES APPLIED FOR IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008 AND THE ENVIRONMENTAL IMPACT REGULATIONS, 2010

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):
<i>GN 718 Category B, 2009</i>	9	The ash (as currently classified) is considered to be hazardous waste, and will be disposed of on surface.
	11	The construction of the ash disposal facilities for the waste stream.

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

Please indicate when the basic assessment report will be submitted:

N/A

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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, 2010)?

YES	NO

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

The Scoping Report should be submitted by February 2013 and the EIR by September 2013

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

YES	NO
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1.4 Size of Site and Classification

Size of facility for a waste management activity

~1000 ha in footprint

Area where the waste management activity takes place

~1000 ha in footprint within a radius of 10km of Kendal PS.

Classification of facility in terms of climatic water balance

To be submitted with EIR

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

To be submitted with EIR

1.5 Operational times

PERIOD	FROM	UNTIL
Weekdays	12:00 AM	12:00 AM
Saturdays	12:00 AM	12:00 AM
Sunday	12:00 AM	12:00 AM
Public holidays	12:00 AM	12:00 AM

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 per day)
Ash		Tonnages and volumes to be confirmed in the EIR

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

Determined from volumes

Determined with weighbridge/scale

Estimated

X

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

Indicate the applicable waste types and quantities expected to be disposed of and salvaged annually:

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		
Ash	Kendal Power Station	No recovery, reuse or recycling anticipated.					

SECTION 3: GENERAL

3.1 Prevailing wind direction (e.g. NWW)

November – April
May - October

N - NW NW - WNW

3.2 The size of population to be served by the facility

	Mark with "X"	Comment
0-499	N/A	The facility will serve the Kendal Power Station
500-9,999		
10,000-199,999		
200,000-upwards		

3.3 The geological formations underlying the site: The focus area is a 10km radius around Kendal power station, to be updated after site selection process.

Granite		Quartzite	
Shale		Dolerite	
Sandstone		Dolerite	

Other _____

(Handwritten signature and initials)

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	
No	
No	

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?

How will the applicant ensure and maintain technical competency in the operation of the site?

The following technical skills are anticipated to be utilised:

- Proper stacking and spreading of ash.
- Maintenance on machinery.

Eskom will follow its standard operating and training procedures as those currently implemented at the power station, to ensure that the staff remains appropriately qualified.

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
<i>Information to be submitted with the EIR</i>			

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		<i>Information to be submitted with the EIR</i>
Provision and replacement of infrastructure		<i>Information to be submitted with the EIR</i>
Restoration and aftercare		<i>Information to be submitted with the EIR</i>

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SECTION 5: LANDFILL PARAMETERS

5.1 The method of disposal of waste:

Land-building Land-filling Both

The dimensions of the disposal site in metres

	At commencement	After rehabilitation
Height/Depth	<i>Information to be submitted with the EIR and Design Report</i>	
Length		
Breadth		

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

Volume Available	Mark with "X"	Source of information (Determined by surveyor/ Estimated)
Up to 99	<i>Information to be submitted with the EIR</i>	
100-34 999		
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

(b) Is sufficient cover material available

(c) Will waste be compacted daily

YES	NO
Unknown	To be addressed in the operating plan
Unknown	

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?

Ash from the power station is an inert waste that cannot burn or smoulder. Nuisance dust from the facility is generated and irrigation with water is used as a dust control mechanism, further investigation is required to prevent windblown dust. This will need to be addressed in detail in the operating plan for the facility.

5.4 The Salvage method

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

At-source

Recycling-installation

Formal salvaging

Contractor

No salvaging planned

X

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5.5 Fatal Flaws for the site:

Indicate which of the following apply to the facility for a waste management activity:
Information to be submitted with the EIR

- 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
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
_____metres	
_____metres	

5.6 Wettest six months of the year

November- April	X
May-October	

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

- For the 1st wettest year
- For the 2nd wettest year
- For the 3rd wettest year
- For the 4th wettest year
- For the 5th wettest year
- For the 6th wettest year
- For the 7th wettest year
- For the 8th wettest year
- For the 9th wettest year
- For the 10th wettest year

Total rainfall for 6 months	Total A-pan evaporation for 6 months	Climatic water balance
<p>Information to be submitted with the EIR</p>		



5.8 Location and depth of ground water monitoring boreholes:

Information to be submitted with the EIR

Codes of boreholes	Borehole locality	Depth (m)	Latitude			Longitude		
			D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N
.....		D	I	N	D	I	N

5.9 Location and depth of landfill gas monitoring test pit:

Information to be submitted with the EIR

Codes of boreholes	Borehole locality	Latitude			Longitude		
		D	I	N	D	I	N
.....	D	I	N	D	I	N
.....	D	I	N	D	I	N
.....	D	I	N	D	I	N
.....	D	I	N	D	I	N
.....	D	I	N	D	I	N
.....	D	I	N	D	I	N
.....	D	I	N	D	I	N
.....	D	I	N	D	I	N
.....	D	I	N	D	I	N

PART E: DECLARATION BY THE APPLICANT

1. The Applicant

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

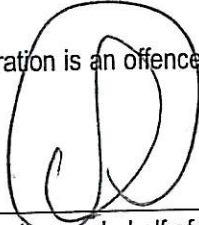
- am, or represent¹, the applicant in this application;
- have appointed an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application²;
- will provide the environmental assessment practitioner and the competent authority with access to 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, 2010, 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.


M.T

- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

 11/12/2012

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

Escom Holding Soc Limited

Name of company (if applicable):

11/12/2012

Date:

HANDEKENING VAN VERKLARENDE/SIGNATURE OF DECLARANT

Ek verklaar dat die verklaarder/ I certify that the declarant has acknowledged that he/she knows and understands the contents of this declaration which was sworn to before me and the declarant's signature/thumb print/impr. was placed thereon in my presence.



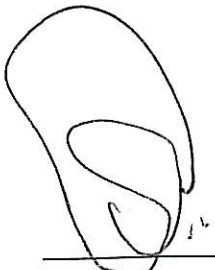
VRUGGERICHTER/JUDGE OF THE PEACE
KOMMISSARIS VAN EDE/KOMMISSIONER OF OATHS

Volle Voornam en Van M. P. SANDTON
Full first names and surname (Drukakatt/Block letters)

Arms (traat) 8/5 Republiek van Suid-Afrika
Qualificat. (rank) En Offisio Republic of South Africa


Bedryfsadres BESKERMINGSDIENSTE
Business address NIEGAWATT PARK MAKWELLYLAAN SANDTON
PROTECTIVE SERVICES
MAKWELL GRNE SANDTON

2012/12/11 MWP



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


M.P.

	Temporary Delegation of Authority Letter	Unique Identifier	40-203
		Revision	2
		Revision Date	April 2013
		Corporate Services Division	

Group Financial Services Manager
Accounts Payable
Business Area Staff

Date: 04 December 2012

Enquiries: Deidre Herbst
011 800 3501

TEMPORARY DELEGATION OF AUTHORITY – ABSENCE FROM THE OFFICE

I, Mrs Deidre Herbst, Eskom Environmental Manager will be absent from the office from Monday, 10 December 2012 to Friday, 14 December 2012 and in my absence, I hereby appoint Mr Dave Lucas, Corporate Specialist, Environmental Management to act in my stead with full delegated authority in all respects.

The appointment shall be effective from 10 December 2012 up to and including 14 December 2012 and may be amended or revoked at any time.

The Delegation shall be exercised

- lawfully;
- within the scope and powers of the delegated powers and authorities;
- subject to and in compliance with any limitations, conditions, policies and/or directives that may be developed and implemented by the Board, or by Exco at the behest of the Board;
- in accordance with the provisions of the Public Finance Management Act No 1 of 1999, as amended; and
- shall be limited to the following cost centre/s.

COST CENTRE / PROJECT	COST CENTRE NAME
212012	Environmental Management


 Deidre Herbst
 Eskom Environmental Manager

ACCEPTED

 Dave Lucas
 Corporate Specialist
 Environmental Management

APPROVED

 Kerseri Pather
 General Manager
 Sustainability Systems


 M-1

<u>Farms within the 10 km study area.</u>
VLAKFONTEIN 569 JR
KLIPFONTEIN 568 JR
SMALDEEL 2
BANKFONTEIN 216
SMALDEEL 1
GROOTPAN 7
VAN DYCKSPUT 214
OOGIESFONTEIN 4
HEUVELFONTEIN 215
KLIPFONTEIN 3
VLAKVARKFONTEIN 213
ZAAIWATER 11
KLEINZUIKERBOSCHPLAAT 5
GOEDGEVONDEN 10
SCHOONGEZICHT 218
ZONDAGSVLEI 9
WELGELEGEN 221
LEEUWFONTEIN 219
SPRINGBOKLAAGTE 33
COLOGNE 34
SMITHFIELD 44
STRAFFONTEIN 252
ZONDAGSFONTEIN 253