

APPENDIX C
PUBLIC PARTICIPATION DOCUMENTS

APPENDIX C1
I&AP DATABASE

**I&AP DATABASE FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR
THE MATIMBA POWER STATION IN LEPHALALE, LIMPOPO PROVINCE**

Name	Company
-	Highmast Properties
-	Altoostyd CC
-	Batis Prop 10 CC
JL Wepener	Exxaro Coal (Pty) Ltd
Filomaine Swanepoel	Exxaro Coal (Pty) Ltd
Mervin Govender	Exxaro Coal (Pty) Ltd
Hilton Atkinson	Exxaro Coal (Pty) Ltd
Marius Fuls	Exxaro Coal (Pty) Ltd - Ferroland Wildlife
-	Farm George Town
-	Onsnamu Nursery Pty Ltd
-	Plaaslike Owerheid Van Marapong
-	Rooibosrand Dev (PTY) Ltd
-	Sunfox 33 CC
Allan Malherbe	Triple M Game Ranch
AH Grobbelaar	Farm Jacobsloop
Andries Van Rensburg	Farms Hanover, Colesberg & Adelaide
Anna Shongoane	Tribal Authority: Setateng, Mmatladi
Bheki Nxumalo	-
Bob Naidoo	-
Carel Erasmus	Farm Grietasvlakte: Portion 1
Clive Robinson	Farms Werkendam (Portion 1) & Rietspruit
D De Beer	Noed Family Trust
EJ Pretorius	Farm Grootfontein
EL Grove	Farm Gorkum
Erasmus Christiaan	Farm Worcester
FW Heystek	Farm Good Hope
Francois Van der Mark	Farm Marseilles: Portion 1 of portion 2
Frederick Malan	Halbosrust & Grootfontein
G Ravazzotti	Ellington Ranch (Pty)Ltd & Farms Toulon,
Gysbert Vlok	Marseilles
H Kotze	Rhinoland Safaris (Pty)Ltd
Hendrik Van Rensburg	Farm Norfolk
Herman Pretorius	Ellisras & Hoornbosch Farmers' Union
Hester Ellis	Farm Grietasvlakte: Portion 2
Jaco Breedt	Uiterstevreden (Pty) Ltd
Jacobus De Wet	Farm New York
Jacobus Myburgh	Farm Zwellendam
James Higgs	Farms Jacobsloop
Jan Eckard	Transvaal Agricultural Union
Jannie Pretorius	Farm Vucht: Portion 4
J Potgieter	Prementos Beleggings CC

JS Van der Merwe	Farms Portlock & Windsor
JC Duvenhage	Farm Caledon
Koos Viljoen	Farm Over Yssel
Loots Marthienus Frederick	-
Maria Cocquyt	-
Marius Kotze	Rhinoland Safaris (Pty)Ltd
Marry Molekwa	Lephalale Local Municipality
Menno Glas	Sonhel Boerdery (Pty)Ltd
MF Loots	Farm Zongezien: Portion 1
MI Shiko	-
Michiel Erasmus	Farm Wellington
Nico Meyer	Matlabas Spares
P Ellis	Farm Grietasvlakte
P Vastapane	Farm George
Petrus Van Staden	Farm Beaufort
Phillip Bronkhorst	Safari Lands
Phillip Hine	South African Heritage Resources Agency
PM Tomaszewski	-
P Van Rensburg	Farm Beaufort
RJ Setlane	Shonghoane Chief Representative
Ronell Kruger	Ellisras Tourism Association
Ronnie Wiehahn	Wild Study & Kolobe Bush Lodge
Susara Maria Gouws	Farm Ganzepan
Johannes Van Rooyen	Farm Kalkfontein
Louise Van Rooyen	Farm Kalkfontein
Mare' Nel	Farm Kalkfontein
Tienie Loots	Farm Zongezien
Allan Pew	Farm Welgelegen
TA Smit	Prementos Beleggings CC
Tshiala Silas Raluthaga	Hi-Q Multichoice Industrial Cleaning
Theresa White	Kudu Canyon & Waterberg Nature Conservancy
WA Lewies	Transvaal Agricultural Union
M.J.Selokela	Lephalale Local Municipality
L. S Manamela	Lephalale Local Municipality
J.Selokela	Lephalale Local Municipality
G. B.Koadi	Lephalale Local Municipality
Victor Monyepao	Lephalale Local Municipality
Catchlife Mutshavi	Lephalale Local Municipality
Dries De Ridder	Lephalale Local Municipality
Johan Van den Berg	Lephalale Local Municipality
JPW Erasmus	Lephalale Local Municipality
Michael Mohatshe	Lephalale Local Municipality
Tebogo Ntshangase	Lephalale Local Municipality

Municipal Manager	Waterberg District Municipality
A K Kharivhe	Department of Mineral Resources
Azwihangwisi Mulaudzi	Department of Minerals and resource
Daisy Mafubelu	Department of Health and Social Development
Floyd Brink	Department of Roads and Transport
MM Komape	Department of Water Affairs
Raletjena Moloko	Department of Water Affairs
Steven Kgobalala	Department of Agriculture
LP Makhura	Limpopo Department of Economic Development, Environment and Tourism (LDEDET)
LB Maesela	LDEDET
Maylene Broderick	LDEDET
Tinyiko Malungani	LDEDET

APPENDIX C2
SITE NOTICES

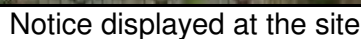
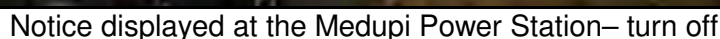
ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITIES FOR THE MATIMBA POWER STATION LEPHALALE, LIMPOPO PROVINCE (DEA REF: 14/12/16/3/3/56).

Notice is hereby given in terms of the National Environmental Management Act, 1998 (No 107 of 1998) as amended, the Environmental Impact Regulations (2010) and the National Environmental Management: Waste Act (No 59 of 2008). Eskom Holdings SOC (Ltd) herein referred to as "Eskom", has submitted an integrated Environmental Authorisation and Waste Management Licence application to the National Department of Environmental Affairs (DEA).

PROJECT NATURE	<p>Matimba Power Station is a 3990 MW installed capacity base load coal-fired power station, consisting of 6 units.</p> <p>Ash is generated as a by-product from combustion of coal from the power station and Matimba produces approximately 4.8 million tons of ash annually. This ash is currently being disposed by means of 'dry ashing' approximately three kilometres south of the power station. Matimba Power Station envisages aligning the continuation of ash disposal facility for the remaining life of the power station with the requirements of the national waste legislation.</p>
NAME OF APPLICANT	Eskom Holdings SOC (Ltd)
LOCATION	<p>The study area is in Lephalale, Limpopo province.</p> <p>An 8km radius from the power station will be assessed to identify a suitable site for the proposed ash disposal facility.</p>
LISTED ACTIVITIES	<p>The following listed activities have been identified to date:</p> <p>Government Notice R.544 (Listing Notice 1): 9,11,18,22,24,37,39,40,47 & 49</p> <p>Government Notice R.545 (Listing Notice 2): 3, 15</p> <p>Government Notice R.546 (Listing Notice 3): 4,16</p> <p>Government Notice 718 (Category A): 19</p> <p>Government Notice 718 (Category B): 9, 11</p>
HOW TO REGISTER	<p>You are invited to register as an Interested and Affected Party (I&AP) or request information by contacting RHDHV which is the appointed Independent Environmental Assessment Practitioner (EAP) for the project. I&APs are further requested to provide their name and surname, contact details and their interest in the project (contact details provided below).</p>
ENVIRONMENTAL ASSESSMENT PRACTITIONER	<p>Phyllis Kalele Royal HaskoningDHV PO Box 25302 Monument Park 0105, Pretoria Tel: 012 367 5916 Fax: 012 367 5878 Email: phyllis.kalele@rhdhv.com</p>
DATE OF NOTICE	February 2013

[illegible][illegible]

Notice displayed at the Marapong Post Office.

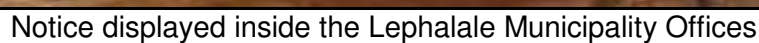
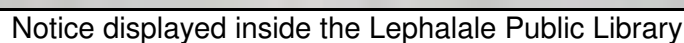




Notice displayed outside the Marapong Public Library



Notice displayed outside the Mogol Social Club



Royal HaskoningDHV
Environmental Impact Assessment and Waste Management License Application for the Proposed Continuous Ash Disposal Facilities for the Matema Power Station (LEPHALALE, LIMPOPO PROVINCE, DEBAR, 1417/14/2015)

PROJECT NATURE
The project is a proposed continuous ash disposal facility for the Matema Power Station, which is a proposed power station with a capacity of 1,000 MW. The project is located in the Matema area, Limpopo Province, South Africa. The project is a proposed continuous ash disposal facility for the Matema Power Station, which is a proposed power station with a capacity of 1,000 MW. The project is located in the Matema area, Limpopo Province, South Africa.

NAME OF APPLICANT
The applicant is a company, registered in South Africa, with a valid tax number. The applicant is a company, registered in South Africa, with a valid tax number.

LOCATION
The project is located in the Matema area, Limpopo Province, South Africa. The project is located in the Matema area, Limpopo Province, South Africa.

LISTED ACTIVITIES
The project involves the construction and operation of a continuous ash disposal facility. The project involves the construction and operation of a continuous ash disposal facility.

HOW TO REGISTER
The project is registered with the Department of Environmental Affairs, Limpopo Province. The project is registered with the Department of Environmental Affairs, Limpopo Province.

ENVIRONMENTAL ASSESSMENT PRACTITIONER
The project is assessed by a qualified environmental assessment practitioner. The project is assessed by a qualified environmental assessment practitioner.

DATE OF NOTICE
The notice is dated 14/11/2015. The notice is dated 14/11/2015.

Notice displayed outside the entrance of Lephalale Municipality Offices

Royal HaskoningDHV
Environmental Impact Assessment and Waste Management License Application for the Proposed Continuous Ash Disposal Facilities for the Matema Power Station (LEPHALALE, LIMPOPO PROVINCE, DEBAR, 1417/14/2015)

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LISTED ACTIVITIES
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ENVIRONMENTAL ASSESSMENT PRACTITIONER
The project is assessed by a qualified environmental assessment practitioner. The project is assessed by a qualified environmental assessment practitioner.

DATE OF NOTICE
The notice is dated 14/11/2015. The notice is dated 14/11/2015.

Notice displayed outside the entrance of Lephalale Municipality Offices

APPENDIX C3
BACKGROUND INFORMATION DOCUMENT

**ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT
LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH
DISPOSAL FACILITIES FOR THE MATIMBA POWER STATION,
LEPHALALE, LIMPOPO PROVINCE**

DEA REF: 14/12/16/3/3/3/56

BACKGROUND INFORMATION DOCUMENT

FEBRUARY 2013



WHAT DOES THIS DOCUMENT TELL YOU?

This document aims to provide you, as an Interested and Affected Party (I&AP), with background information regarding the proposed continuous ash disposal facility at Matimba Power Station, in Lephalale, Limpopo Province. The document also provides information regarding the Environmental Impact Assessment (EIA) and Waste Management License (WML) application processes to be undertaken.

Any person, company, authority or other entities that might be directly or indirectly affected by the proposed activity can register as an I&AP. This includes, but is not limited to landowners, tenants, municipal and provincial authorities, interest groups, Non-Government Organisations and conservation groups.

Furthermore, the document advises how you can become involved in the project, receive information and/or raise issues, which may concern and/or be of interest to you. The sharing of information forms the basis of the Public Participation Process (PPP) and offers you the opportunity to become actively involved in the project from the outset. Public Participation plays an important role in informing the EIA process as input from I&APs ensures that all potential issues of concern are considered early within the study.

STUDY AREA

The Matimba Power Station is located near Lephalale (formerly Ellisras) in the Limpopo Province. The current ash disposal facility is approximately three kilometres south of the Matimba Power Station on the Eskom owned farm Zwartwater 507LQ.

Matimba Power Station envisages the continuation of ash disposal (dry ashing) and therefore, a study area encompassing an 8km radius from the power station will be assessed to identify a suitable location for the proposed ash disposal facility.

Refer to Appendix 1 for the locality map.

PROJECT DESCRIPTION

Eskom Holdings SOC (Ltd), herein referred to as Eskom, generates, transmits and distributes electricity. Eskom supplies about 95 % of the country's electricity and part of this electricity is generated at the Matimba Power Station.

Matimba Power Station is a 3990MW installed capacity base load coal-fired power station, consisting of 6 units. Matimba is a direct dry cooling power station, an innovation necessitated by the severe shortage of water in the area where it is situated. The station obtains its coal from the Exxaro Grooteveld Colliery for the generation of electricity.



Figure 1: Photo of Matimba power station

Ash is generated as a by-product from combustion of coal from the power station and Matimba produces approximately 4.8 million tons of ash annually. This ash is currently being disposed by means of 'dry ashing' approximately three kilometres south of the power station. To assist with the spreading of ash and on site operations, a number of equipment is used at the current ash disposal facility, these include: conveyors, spreaders, bull dozer, front end loader, tipper, grader and water tanker. Matimba Power Station envisages aligning the continuation of ash disposal for the remaining life of the power station with the requirements of the national waste legislation.

ENVIRONMENTAL STUDIES

Why are Environmental Studies Needed?

According to the EIA Regulations (2010) promulgated under the National Environmental Management Act (No 107 of 1998) (as amended) and the National Environmental Management: Waste Act (No 59 of 2008), the following listed activities are triggered by the proposed continuous ash disposal facilities:

Legislation	Activity No
GN544 Listing Notice 1	9,11,18,22,24,37,39,40,47 & 49

GN 545 Listing Notice 2	3 & 15
GN 546 Listing Notice 3	4 & 16
GN.718 Category A	19
GN.718-Category B	9 & 11

In order to obtain an informed decision from the National Department of Environmental Affairs (DEA), an Environmental Impact Assessment process is being undertaken.

An Environmental Impact Assessment (EIA) is an effective planning and decision-making tool, which allows for the identification of potential environmental consequences of a proposed project, and its management through the planning process. The EIA process will be undertaken in two phases as explained below:

(i) Environmental Scoping Study

In the Environmental Scoping Study (ESS), desk-top specialist studies and limited site visit will identify potential issues which require further investigation within the EIA phase. Input from the public through the public participation process provides valuable input in the identification of issues requiring investigation within this EIA process.

The ESS will highlight areas that should be avoided in order to minimise potential impacts, and evaluate the alternative sites recommended. The Scoping Study will recommend the most favourable alternative site/s for the proposed continuous ash disposal facility for further investigation in the Environmental Impact Assessment phase.

(ii) Environmental Impact Assessment Phase

The EIA phase will aim to achieve the following:

- to provide an overall assessment of the social and biophysical environments of the affected area by the proposed continuous ash disposal facilities;
- to undertake a detailed assessment of the preferred site/s in terms of environmental criteria including the rating of significant impacts;
- to identify and recommend appropriate mitigation measures for potentially significant environmental impacts; and
- to undertake a fully inclusive public participation process to ensure that I&AP issues and concerns are recorded, addressed and commented on.

POTENTIAL ENVIRONMENTAL IMPACTS

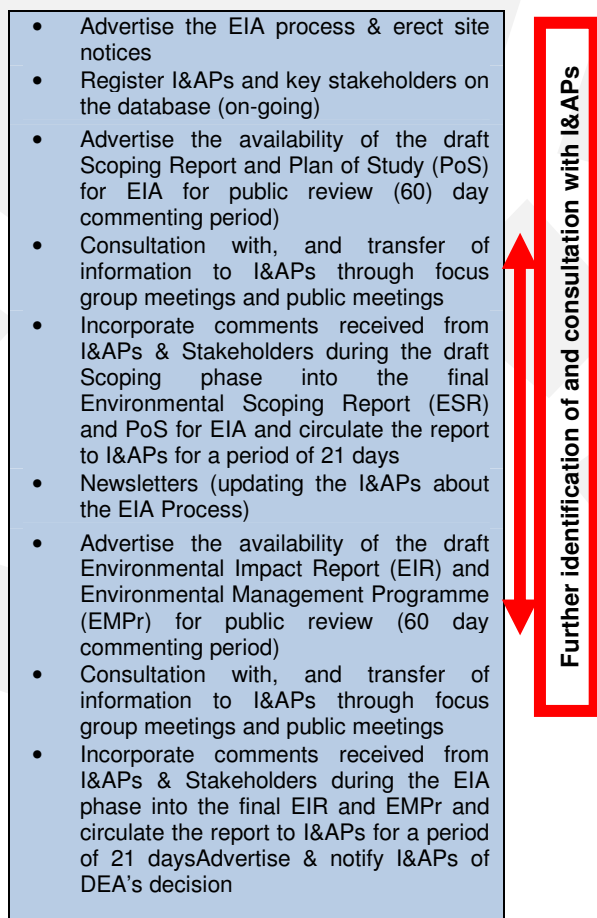
As part of the EIA and WML application processes, potential impacts will be identified and assessed through the following specialist studies which will be undertaken during the EIA Phase of the project:

SPECIALIST FIELD	ORGANISATION
Noise	Jongens Keet Associates
Soils and Agricultural Potential	Terra Soil Science
Heritage	National Cultural History Museum
Social Assessment	Royal HaskoningDHV
Visual Assessment	Royal HaskoningDHV
Air Quality Assessment	Royal HaskoningDHV
Surface Water Screening	Royal HaskoningDHV
Traffic Assessment	Royal HaskoningDHV
Hydrology Survey	GCS Water & Environmental Consultants
Geohydrological Survey	GCS Water & Environmental Consultants
Biodiversity	Bathusi Environmental Consulting
Engineering Design	Jeffares and Green (Pty) Ltd
Geology and Geotechnical	Kai Batla Mineral Industry Consultants
Legal Review	Imbewu Sustainability Legal Specialists (Pty) Ltd

PUBLIC PARTICIPATION PROCESS

It is important that relevant I&APs are identified and involved in the public participation process from the outset of the project. To ensure effective public participation, the following steps will be undertaken during the EIA study (refer to Figure 2).

Figure 2: Typical Public Participation Process Activities to be undertaken



COMMENTS AND QUERIES

Please direct all comments, queries or issues to:

Sibongile Hlomuka
Public Participation Consultant
Royal HaskoningDHV
PO Box 867
Gallo Manor, 2052
Johannesburg
 ☎: 011 798 6458
 📠: 011 798 6010
 ✉: Sibongile.hlomuka@rhdhv.co.za

WHAT IS YOUR ROLE?

If you consider yourself an I&AP for the proposed project, you are encourage to make use of the opportunities created by the public participation process to become involved in the process and raise the issues and concerns which affect and/or interest you, and about which you require more information.

How can you get involved?

1. By responding (by phone, fax or e-mail) to our invitation for your involvement in the process;
2. By completing the attached comment form and mailing or faxing it to Royal HaskoningDHV
3. By attending the meetings to be held during the course of the project. Should you register as an I&AP you will be invited to attend these meetings. The meeting dates will also be advertised in local newspapers and registered I&APs will be notified by mail as well;

**ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE
PROPOSED CONTINUOUS ASH DISPOSAL FACILITIES FOR THE MATIMBA POWER STATION, LEPHALALE,
LIMPOPO PROVINCE (DEA REF: 14/12/16/3/3/56).**

REGISTRATION AND COMMENT FORM

KINDLY COMPLETE THIS FORM IN DETAIL AND RETURN IT TO:

Sibongile Hlomuka
Royal HaskoningDHV
P.O Box 867
Gallo Manor, 2052
Johannesburg

Telephone: 011 798 6458
Fax: 011 798 6010
Email: sibongile.hlomuka@rhdhv.com

PERSONAL DETAILS:

Title: First Name:

Surname:

E-Mail:

Telephone: Fax:

Organisation (if applicable):

Capacity (e.g. Chairperson, member, etc):

Physical Address:

Town: Code:

Postal Address:

Town: Code:

1. What is your main area of interest with regards to the proposed project?

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2. Do you have any points of concern or support regarding the proposed project?

If "yes", please briefly list these in point form:

Yes	No
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3. Are there any additional stakeholders who you feel should be consulted with regards to the proposed project?

If "yes" please list their names and contact details below:

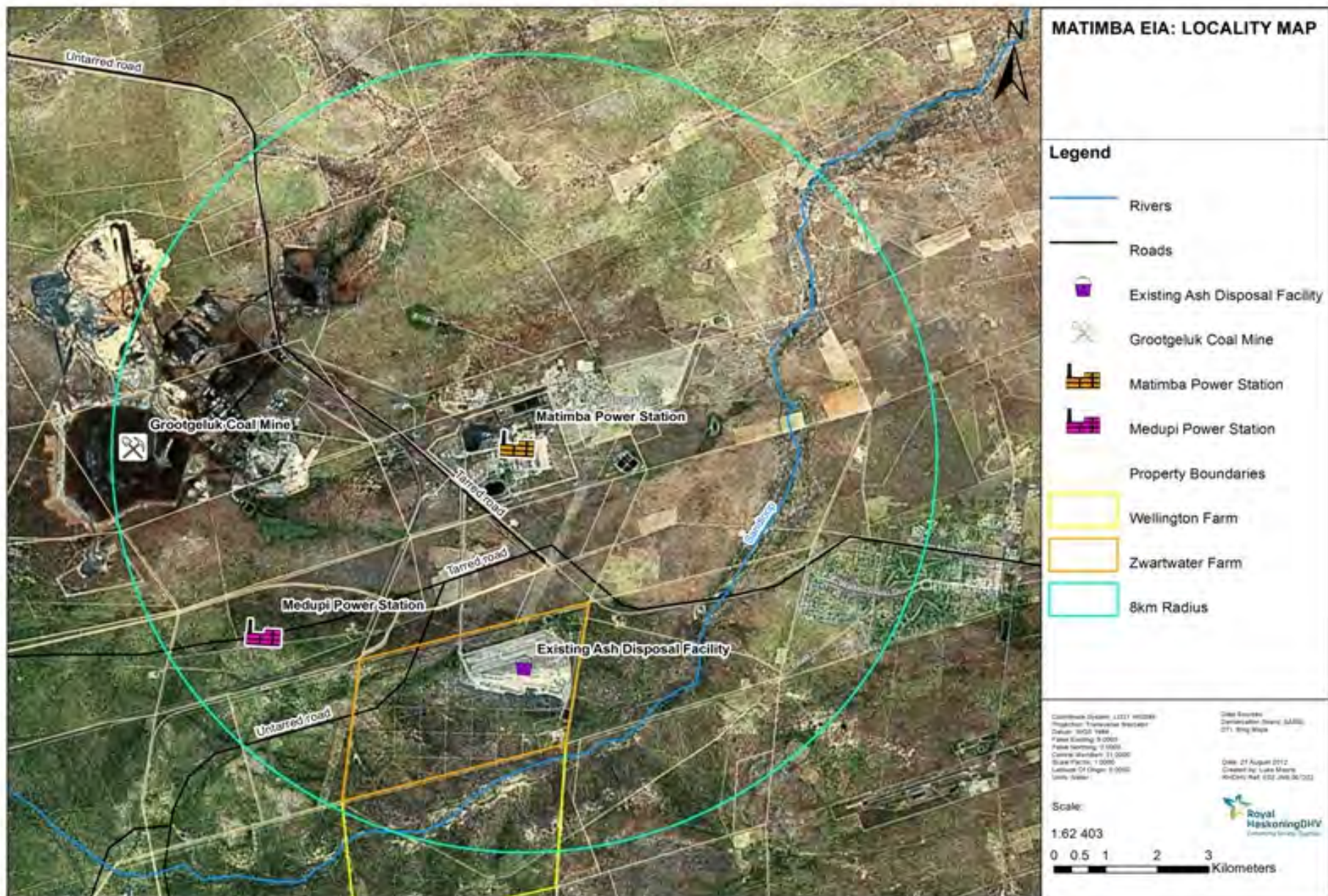
Yes	No
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LOCALITY MAP



APPENDIX C4
LAND OWNER NOTIFICATIONS

REGISTERED MAIL LAND OWNER NOTIFICATION

ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION
FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER
STATION LEPHALALE, LIMPOPO PROVINCE. (DEA REF: 14/12/16/3/3/3/56)

10 APRIL 2013

Marius Fuls
Ferroland Wildlife / Manketti Reserve
c/o Exxaro Coal (Pty) Ltd
PO Box 6207
Onverwacht, 0557
Limpopo.

REGISTERED LETTER
(with a domestic insurance option,
ShareCall 0860 111 502 www.sapo.co.za)
RD 809 618 089 ZA

CUSTOMER COPY 301028R

The Mine Manager
Grootegeluk Mine
Exxaro Coal (Pty) Ltd
PO Box 178
Lephalale, 0555
Limpopo.

REGISTERED LETTER
(with a domestic insurance option,
ShareCall 0860 111 502 www.sapo.co.za)
RD 809 618 322 ZA

CUSTOMER COPY 301028R

The Manager
External Stakeholder Relations
Exxaro Coal (Pty) Ltd
PO Box 9229
Pretoria, 0001.

REGISTERED LETTER
(with a domestic insurance option,
ShareCall 0860 111 502 www.sapo.co.za)
RD 809 615 581 ZA

CUSTOMER COPY 301028R

Catchlife Mutshavi / Victor Monyepao
Planning Department / Communications Department
Lephalale Local Municipality
Private Bag X136
Lephalale, 0555
Limpopo.

REGISTERED LETTER
(with a domestic insurance option,
ShareCall 0860 111 502 www.sapo.co.za)
RD 809 615 564 ZA

CUSTOMER COPY 301028R



Albert Malherbe
Triple M Game Ranch
PO Box 689
Auckland Park, 2006

REGISTERED LETTER
(with a domestic insurance option,
ShareCall 0860 111 502 www.sapo.co.za)
RD 809 618 203 ZA

CUSTOMER COPY 301028R

REGISTERED MAIL LAND OWNER NOTIFICATION

**ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION
FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER
STATION LEPHALALE, LIMPOPO PROVINCE. (DEA REF: 14/12/16/3/3/56)**

9 MAY 2013

Mr. and Mrs. Gouws

Wildekwepersteeg 176

Wonderboom, 0182

Pretoria.

REGISTERED LETTER
(With a domestic insurance option)
ShareCall 0860 111 502 www.sapo.co.za
RD 829 227 657 ZA
CUSTOMER COPY 301028R



RHDHV Ref: E02.JNB.001222

10 April 2013

The Manager
External Stakeholder Relations
Exxaro Coal (Pty) Ltd
PO Box 9229
Pretoria, 0001.

Attention: Hilton Atkinson

Dear Sir / Madam,

RE: LAND OWNER NOTIFICATION FOR ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION LEPHALALE, LIMPOPO PROVINCE. (DEA REF: 14/12/16/3/3/56)

Royal HaskoningDHV has been appointed by Eskom Holdings SoC Limited ("Eskom") to conduct the Environmental Impact Assessment (EIA) for the proposed construction of an ash disposal facility for the Matimba Power Station in Lephalale, Limpopo Province.

The identified potential sites for the proposed development include:

- Farm Vooruit 449 LQ
- Farm Droogeheuvel 447LQ
- Farm Ganzepan 446 LQ
- Farm Appelvlakte 448 LQ
- Farm Zwartwater 507 LQ

According to our records, Exxaro Coal (Pty) Ltd is listed as the land owner of farms **Vooruit 449 LQ** and **Appelvlakte 448 LQ**, partly on which the proposed construction of the ash disposal facility has been identified to be undertaken.

This letter serves as a formal notification of the proposed activity to the land owner of the property, as per the requirements of the Environmental Impact Assessment (EIA) Regulations (2010), published in Government Notice R. 543 of 18 June 2010 (as amended). As per the proclamation under sections 24(5), 24M and 44 of the National Environmental Management Act (No 107 of 1998) below:

Section 15 – Sub-subsection (1) states *"If the applicant is not the owner or person in control of the land on which the activity is to be undertaken, the applicant must give written notice of the proposed activity to the owner or person in control of the land on which the activity is to be undertaken, and inform such person that he may participate in the Public Participation process as contemplated in regulation 45"*.

In addition, Royal HaskoningDHV would like to request confirmation of this notification from the landowner. For more information on the EIA study, you can contact Royal HaskoningDHV on the details provided below.

Phyllis Kalele
Senior Environmental Consultant
PO Box 25302
Monument Park, 0105, Pretoria

Tel: 012 367 5916
Fax: 012 367 5878
Email: phyllis.kalele@rhdhv.com

Kind Regards,



Malcolm Roods
Principal – Environmental Management and Compliance Service Line

☎: 011 7986442 / 083 415 5166

✉: malcolm.roods@rhdhv.com

RHDHV Ref: E02.JNB.001222

8 May 2013

Mr. Coen Gouws
Wildekwepersteeg 176
Wonderboom, 0182
Pretoria.

Dear Sir,

RE: LAND OWNER NOTIFICATION FOR ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION LEPHALALE, LIMPOPO PROVINCE. (DEA REF: 14/12/16/3/3/56)

Royal HaskoningDHV has been appointed by Eskom Holdings SoC Limited ("Eskom") to conduct the Environmental Impact Assessment (EIA) for the proposed construction of an ash disposal facility for the Matimba Power Station in Lephalale, Limpopo Province.

The identified potential sites for the proposed development include:

- Farm Vooruit 449 LQ
- Farm Droogeheuvel 447LQ
- Farm Ganzepan 446 LQ
- Farm Appelvlakte 448 LQ
- Farm Zwartwater 507 LQ

According to our records, Susara Maria Gouws is listed as the land owner of farm **Ganzepan 446 LQ**, partly on which the proposed construction of the ash disposal facility has been identified to be undertaken.

This letter serves as a formal notification of the proposed activity to the land owner of the property, as per the requirements of the Environmental Impact Assessment (EIA) Regulations (2010), published in Government Notice R. 543 of 18 June 2010 (as amended). As per the proclamation under sections 24(5), 24M and 44 of the National Environmental Management Act (No 107 of 1998) below:

Section 15 – Sub-subsection (1) states "If the applicant is not the owner or person in control of the land on which the activity is to be undertaken, the applicant must give written notice of the proposed activity to the owner or person in control of the land on which the activity is to be undertaken, and inform such person that he may participate in the Public Participation process as contemplated in regulation 45".

In addition, Royal HaskoningDHV would like to request confirmation of this notification from the landowner. For more information on the EIA study, you can contact Royal HaskoningDHV on the details provided below.

Phyllis Kalele
Senior Environmental Consultant
PO Box 25302
Monument Park, 0105, Pretoria

Tel: 012 367 5916
Fax: 012 367 5878
Email: phyllis.kalele@rhdhv.com

Kind Regards,



Malcolm Roods
Principal – Environmental Management and Compliance Service Line
☎: 011 7986442 / 083 415 5166
✉: malcolm.roods@rhdhv.com

RHDHV Ref: E02.JNB.001222

10 April 2013

Ferroland Wildlife / Manketti Reserve
c/o Exxaro Coal (Pty) Ltd
PO Box 6207
Onverwacht, 0557
Limpopo.

Attention: Marius Fuls

Dear Sir,

RE: LAND OWNER NOTIFICATION FOR ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION LEPHALALE, LIMPOPO PROVINCE. (DEA REF: 14/12/16/3/3/56)

Royal HaskoningDHV has been appointed by Eskom Holdings SoC Limited ("Eskom") to conduct the Environmental Impact Assessment (EIA) for the proposed construction of an ash disposal facility for the Matimba Power Station in Lephalale, Limpopo Province.

The identified potential sites for the proposed development include:

- Farm Vooruit 449 LQ
- Farm Droogeheuvel 447LQ
- Farm Ganzepan 446 LQ
- Farm Appelvlakte 448 LQ
- Farm Zwartwater 507 LQ

According to our records, Exxaro Coal (Pty) Ltd is listed as the land owner of farm **Vooruit 449 LQ**, partly on which the proposed construction of the ash disposal facility has been identified to be undertaken.

This letter serves as a formal notification of the proposed activity to the land owner of the property, as per the requirements of the Environmental Impact Assessment (EIA) Regulations (2010), published in Government Notice R. 543 of 18 June 2010 (as amended). As per the proclamation under sections 24(5), 24M and 44 of the National Environmental Management Act (No 107 of 1998) below:

Section 15 – Sub-subsection (1) states "If the applicant is not the owner or person in control of the land on which the activity is to be undertaken, the applicant must give written notice of the proposed activity to the owner or person in control of the land on which the activity is to be undertaken, and inform such person that he may participate in the Public Participation process as contemplated in regulation 45".

In addition, Royal HaskoningDHV would like to request confirmation of this notification from the landowner. For more information on the EIA study, you can contact Royal HaskoningDHV on the details provided below.

Phyllis Kalele
Senior Environmental Consultant
PO Box 25302
Monument Park, 0105, Pretoria

Tel: 012 367 5916
Fax: 012 367 5878
Email: phyllis.kalele@rhdhv.com

Kind Regards,



Malcolm Roods
Principal – Environmental Management and Compliance Service Line

☎: 011 7986442 / 083 415 5166

✉: malcolm.roods@rhdhv.com

RHDHV Ref: E02.JNB.001222

10 April 2013

Triple M Game Ranch
PO Box 689
Auckland Park, 2006

Attention: Allan Malherbe

Dear Sir,

RE: LAND OWNER NOTIFICATION FOR ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION LEPHALALE, LIMPOPO PROVINCE. (DEA REF: 14/12/16/3/3/56)

Royal HaskoningDHV has been appointed by Eskom Holdings SoC Limited ("Eskom") to conduct the Environmental Impact Assessment (EIA) for the proposed construction of an ash disposal facility for the Matimba Power Station in Lephalale, Limpopo Province.

The identified potential sites for the proposed development include:

- Farm Vooruit 449 LQ
- Farm Droogeheuvel 447LQ
- Farm Ganzepan 446 LQ
- Farm Appelvlakte 448 LQ
- Farm Zwartwater 507 LQ

According to our records, Triple M Game Ranch is listed as the land owner of farm **Droogeheuvel 447LQ**, partly on which the proposed construction of the ash disposal facility has been identified to be undertaken.

This letter serves as a formal notification of the proposed activity to the land owner of the property, as per the requirements of the Environmental Impact Assessment (EIA) Regulations (2010), published in Government Notice R. 543 of 18 June 2010 (as amended). As per the proclamation under sections 24(5), 24M and 44 of the National Environmental Management Act (No 107 of 1998) below:

Section 15 – Sub-subsection (1) states *"If the applicant is not the owner or person in control of the land on which the activity is to be undertaken, the applicant must give written notice of the proposed activity to the owner or person in control of the land on which the activity is to be undertaken, and inform such person that he may participate in the Public Participation process as contemplated in regulation 45"*.

In addition, Royal HaskoningDHV would like to request confirmation of this notification from the landowner. For more information on the EIA study, you can contact Royal HaskoningDHV on the details provided below.

Phyllis Kalele
Senior Environmental Consultant
PO Box 25302
Monument Park, 0105, Pretoria

Tel: 012 367 5916
Fax: 012 367 5878
Email: phyllis.kalele@rhdhv.com

Kind Regards,



Malcolm Roods
Principal – Environmental Management and Compliance Service Line

☎: 011 7986442 / 083 415 5166
✉: malcolm.roods@rhdhv.com

APPENDIX C5
INITIAL NOTIFICATION TO I&APS

February 2013

Dear Interested and Affected Party (I&AP),

ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITIES FOR THE MATIMBA POWER STATION LEPHALALE, LIMPOPO PROVINCE. (DEA REF: 14/12/16/3/3/56)

Notice is hereby given in terms of the National Environmental Management Act, 1998 (No 107 of 1998) as amended, the Environmental Impact Regulations (2010) and the National Environmental Management: Waste Act (No 59 of 2008). Eskom Holdings SOC (Ltd) herein referred to as "Eskom", has submitted an integrated Environmental Authorisation and Waste Management Licence application to the National Department of Environmental Affairs (DEA) for the proposed continuous ash disposal facility for the Matimba Power Station, Limpopo Province.

Ash is generated as a by-product from combustion of coal from the power station and Matimba produces approximately 4.8 million tons of ash annually. This ash is currently being disposed by means of 'dry ashing' approximately three kilometres south of the power station. Matimba Power Station envisages aligning the continuation of ash disposal for the remaining life of the power station with the requirements of the national waste legislation..

Therefore, a study area encompassing an 8km radius from the Matimba power station will be assessed during the Environmental Impact Assessment process to identify a suitable site for the proposed ash disposal facility.

Royal HaskoningDHV (RHDHV) is the Independent Environmental Assessment Practitioner (EAP), contracted to undertake an Environmental Impact Assessment (EIA) and Waste Licensing process with associated Environmental Management Programme(EMP), as well as to undertake the associated public participation process. RHDHV would like to invite you, as an Interested and/or Affected Party (I&AP), to become actively involved in the Public Participation (PP) process for this proposed project.

Please find herewith attached the Background Information Document (BID) which provides you with more information regarding the proposed project, the EIA and PP processes to be undertaken. By completing and submitting the accompanying registration and comment form, you will automatically be registered as an I&AP on the project database.

RHDHV would like to thank you, in advance, for becoming part of the Public Participation process and is looking forward to receiving your valuable comments relating to the proposed project.

Kind regards



Sibongile Hlomuka
Public Participation Consultant
Tel: (011) 798-6434
Fax: (011) 798 6010
Email: sibongile.hlomuka@rhdhv.com



SSI Engineers and Environmental Consultants (Pty) Ltd trading as **Royal HaskoningDHV**
Reg No. 1966/001916/07

PO Box 5195 Tyger Valley 7536 Western Cape South Africa

Building 1 Tygerberg Office Park 163 Hendrik Verwoerd Drive Plattekloof 7500

Tel: +27 (0)21 936 7600 Fax: +27 (0)21 936 7611 | capetown@rhdhv.com www.rhdhv.co.za

Directors N Mandindi | MP Makama | B van Ee (Dutch) | V Prins | V Johannesburg (Norwegian) | SP Katide | B Sibisi

Highmast Properties
PO Box 1026
ELLISRAS 0555

Acting Municipal Manager
Harry Gwala Street
Private Bag X1018
Modimolle 0510

ALTOOSTYD CC
ALTOOSTYD 506 LQ 1
PO Box 40
Lephalale 0555

BATIS PROP 10 CC
HANGLIP 508 LQ 1 & 2
PO Box 323
Ellisras 0555

Head of Department
Department of Public Works
43 Church Street,
Private Bag X9490
Polokwane, 0700

Department of Roads and Transp
cnr Thabo Mbekhi & River street, f
Private Bag X1038
Nylstroom 0510

Exxaro Coal (Pty) Ltd
APPELVLAKE 448 LQ 0 & 2
P O BOX 9229
PRETORIA 0001

Exxaro Coal (Pty) Ltd
GOEDEHOOP 457 LQ
PRETORIA 0001

Exxaro Coal (Pty) Ltd
GROOTEGELUK 459 LQ
P O BOX 9229
PRETORIA 0001

Exxaro Coal (Pty) Ltd
HIEROMTRENT 460 LQ
P O BOX 9229
POLOKWANE 0001

Exxaro Coal (Pty) Ltd
Turfvlakte 463 LQ
P O BOX 9229
PRETORIA 0001

Exxaro Coal (Pty) Ltd
Vooruit 449 LQ
P O BOX 9229
Pretoria 0001

Farm George Town
PO Box 1176
ELLISRAS 0555

Lephalale Local Municipality
APPELVLAKE 448 LQ 1
Private Bag x136
Lephalale 0555

LQExxaro Coal (Pty) Ltd
Enkelbult 462
P O BOX 9229
Pretoria 0001

ROOIBOSRAND DEV PTY LTD
WORCESTER 520 LQ 3
PO Box 204
PRETORIA 0083

Triple Farm Game Ranch
Droogeheuvel 447 LQ
P O BOX 3665
Randburg 2194

A K Kharivhe
Department of Mineral Resources
Broll Building, 101 Dorp Street
Private Bag X9467
POLOKWANE 0700

AH Grobbelaar
Farm Jacobsloop
PO Box 752
ELLISRAS 0555

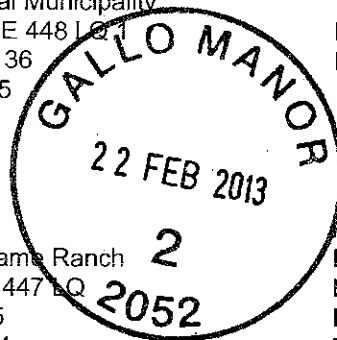
Andries Van Rensburg
Farms Hanover, Colesberg & Ade
PO Box 426
ELLISRAS 0555

Anna Shongoane
Tribal Authority: Setateng, Mmatla
PO Box 322
ELLISRAS 0555

Bheki Nxumalo
Private Bag X215
Lephalale, 0555

Bob Naidoo
Municipal Manager
Cnr Joe Slovo Douwater Road, Ci
Private Bag X136
Lephalale 0555

Carel Erasmus
Farm Grietasvlakte: Portion 1
PO Box 887
ELLISRAS 0555



Johan Van den Berg
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

JPW Erasmus
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

JS Van der Merwe
Farm Portlock & Windsor
PO Box 60
ELLISRAS 0555

JSC Duvenhage
Farm Caledon
PO Box 195
ELLISRAS 0555

Koos Viljoen
Farm Over Yssel 512 LR
PO Box 168
ELLISRAS 0555

LOOTS MARTHIENUS FREDER
ZONGEZIEN 467 LQ 1
PO Box 290
ELLISRAS 0555

LP Makhura
Department of Economic Develop
84 River Street,
P/Bag X1041
Modimolle 0510

Marius Kotze
Rhinoland Safaris (Pty)Ltd
PO Box 1014
ELLISRAS 0555

Maylene Broderick
Department of Economic Develop
Private Bag X9486
POLOKWANE 0700

Menno Glas
Sonhel Boerdery (Pty)Ltd
PO Box 1026
ELLISRAS 0555

MF Loots
Farm Zongezien: Portion 1
PO Box 290
ELLISRAS 0555

MI Shiko
PO Box 456
ELLISRAS 0555

Michael Mohatshe
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

MICHEL CHRISTIAAN ERASML
Wellington 519 LQ
PO Box 40
Ellisras 0555

Nico Meyer
Matlabas Spares
PO Box 428
ELLISRAS 0555

P Ellis
Farm Grietasvlakte: Remainder
PO Box 685
ELLISRAS 0555

P Vastapane
Farm George
PO Box 1014
ELLISRAS 0555

Petrus Van Staden
Farm Beaufort
PO Box 1051
ELLISRAS 0555

Phillip Bronkhorst
Safari Lands
PO Box 541
ELLISRAS 0555

PM Tomaszewski
Autoriteit
PO Box 811
ELLISRAS 0555

PSJ Van Rensburg
Farm Beaufort
Private Bag 294
ELLISRAS 0555

RJ Setlane
Shonghoane Chief Representative
PO Box 322
ELLISRAS 0555

Ronell Kruger
Ellisras Tourism Association
Private Bag X136
ELLISRAS 0555

Ronnie Wiehahn
Wild Study & Kolobe Bush Lodge
PO Box 562
ELLISRAS 0700



Clive Robinson
Werkendam (Portion 1) & Rietspr
PO Box 307
ELLISRAS 0555

D De Beër
Noed Family Trust
PO Box 548
ELLISRAS 0555

Daisy Mafubelu
Department of Health and Social L
18 College Street
Private Bag X9302
POLOKWANE 0700

Dries De Ridder
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

EJJ Pretorius
Farm Grootfontein
PO Box 840
ELLISRAS 0555

EL Grove
Farm Gorkum
PO Box 619
ELLISRAS 0555

ERASMUS MICHIEL CHRISTIAA
WORCESTER 520 LQ 2
PO Box 40
ELLISRAS 0555

FFW Heystek
Farm: Good Hope
PO Box 213
ELLISRAS 0555

Francois Van der Mark
Farm Marseilles: Portion 1 of port
PO Box 20
ELLISRAS 0555

Francois Van der Merwe
Marseilles
PO Box 20
ELLISRAS 0555

Frederick Malan
Halbosrust & Grootfontein
PO Box 567
ELLISRAS 0555

GAM Ravazzotti
Ellington Ranch (Pty)Ltd & Farms
PO Box 1112
ELLISRAS 0555

Gysbert Vlok
Marseilles
PO Box 696
ELLISRAS 0555

H Kotze
Rhinoland Safaris (Pty)Ltd
PO Box 1014
ELLISRAS 0555

Hendrik Van Rensburg
Farm Norfolk
PO Box 426
ELLISRAS 0555

Herman Pretorius
Ellisras & Hoornbosch Farmers' U
PO Box 1261
ELLISRAS 0555

Hester Ellis
Farm Grietasvlakte: Portion 2 &
PO Box 87
ELLISRAS 0555



Jaco Breedl
Uiterstevreden (Pty) Ltd
PO Box 250
ELLISRAS 0555

Jacobus De Wet
Farm New York
PO Box 74
ELLISRAS 0555

Jacobus Myburgh
Farm Zwellendam
PO Box 512
ELLISRAS 0555

James Higgs
Farms Jacobsloop
PO Box 590
ELLISRAS 0555

Jan Eckard
Transvaal Agricultural Union
PO Box 22
ELLISRAS 0555

Jannie Pretorius
Farm Vucht: Portion 4
PO Box 1178
ELLISRAS 0555

JJJ Potgieter
Preymontos Beleggings CC
PO Box 6012
ELLISRAS 0557

ROOYEN JOHANNES WILHELM
KALKFONTEIN 468 LQ 9
PO Box 585
Ellisras 0555

ROOYEN LOUISE VAN
KALKFONTEIN 468 LQ 8
PO Box 585
Ellisras 0555

TA Smit
Prementos Beleggings CC
PO Box 6012
ELLISRAS 0557

Theresa White
Kudu Canyon & Waterberg Nature
PO Box 371
ELLISRAS 0555

WA Lewies
Transvaal Agricultural Union
PO Box 257
ELLISRAS 0555



APPENDIX C6

DRAFT ESR REVIEW - I&APS NOTIFICATION

Koos en Anna kuier in Bosveld

Ria Wells

LEPHALALE — Die bekende en geliefde Koos en Anna Prinsloo het verlede week 'n vinnige draai in die Bosveld kom maak. "Ons mense", sê hulle.

Lesers sal onthou dat Koos op 1 Augustus verlede jaar 'n beroerte-aanval gehad het. Hy is vanaf Marapong Hospitaal na Pretoria-Oos Hospitaal se intensiewe sorgseenheid oorgeplaas en later na Unitas. Koos se herstel was van so 'n aard dat hy na die Midstream Hospitaal toe is en daarna na die Frail Care-afdeling waar hy 24 uur versorging ontvang. Anna woon op dieselfde perseel in 'n woonstel waar sy hom daaglik besoek. Oom Koos se spraak is uit die aard van die saak aangetas, maar gelukkig kan hy nog

kommunikeer — hy raak net soms moeg.

Die kuier in die bosveld was Pieter du Toit se insiatief en hy het spesiale toestemming gekry om Koos, Anna en Nomsa, die vriendelike en getroue verpleegster, 'n bietjie 'huis toe' te bring.

Toe hulle die nuus kry dat hulle bosveld toe kom het 'n opgewonde Koos gesê: "Ek is die eerste een wat klim!" Pieter het ook vir Koos getraakteer met 'n vinnige besoek aan 'n wildplaas in Botswana.

Anna het Donderdag 18 April verjaar en dit was die ideale geleentheid vir die vriendinne om haar 78ste saam met haar te vier.

Koos en Anna sal altyd in die mense wat hulle goed ken se harte bly. Anna, onderwyseres van beroep, het vir jare

as administratiewe beampte by die Hoërskool Ellisras gewerk. Bekwaam, stylvol, netjies en vriendelik. Koos kan beskou word as een van die ware ikone van Ellisras. Hy was vir 26 jaar die hoof van Laerskool Ellisras, was burgemeester, is beskermheer van die Bosveldfees waarvan hy een van die stigters was, hoofouderling in die Hervormde Kerk Ebenhaeser en het op die beheerliggaam van die Lephalale VOO Kollege gedien. 'n Strateeg en mediator van formaat wat diep spore in

die gemeenskap getrap het en met sy wye kennis beslis nie bang was om sy oortuigings uit te spreek nie.

Anna en Koos bedank die wonderlike gemeenskap van Ellisras wat hulle die afgelope nege maande deur hulle swaarkry gedra het deur besoeke, oproepe, boodskappe van bemoediging, liefde en gebede. "Dit wat Koos in die gemeenskap gedoen het, kry hy dubbel en dwars in goedheid terug", sê Anna.

Mogol Pos wens julle alles wat mooi is toe.



Koos, Anna en Nomsa net voordat hulle sou terugkeer na Pretoria

(Foto's Mogol Pos)

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NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION IN LEPHALALE, LIMPOPO PROVINCE. (DEA REF: 14/12/16/3/3/56)

Notice is hereby given in terms of the National Environmental Management Act, 1998 (No 107 of 1998) as amended, the Environmental Impact Regulations (2010) and the National Environmental Management: Waste Act, 2008 (No 59 of 2008). Eskom Holdings SOC (Ltd) herein referred to as "Eskom", has submitted an integrated Environmental Authorisation and Waste Management License application to the National Department of Environmental Affairs (DEA) for the proposed continuous ash disposal facility for the Matimba Power Station in Lephalale, Limpopo Province.

Ash is generated as a by-product from combustion of coal from the Matimba Power Station which produces approximately 4.8 million tons of ash annually. This ash is currently being disposed of by means of 'dry ashing' approximately three kilometres south of the power station. Eskom proposes the construction of a new ash disposal facility in order to ensure that the Matimba Power Station is able to accommodate its ashing requirements for the remaining life (44 years) of the power station.

Consequently, Eskom Holdings SOC Limited intends to undertake a full Scoping and EIA study and submit the Environmental Scoping Report (ESR) and Environmental Impact Assessment Report (EIA) to DEA in support of the proposed project.

NOTICE OF AVAILABILITY OF THE DRAFT ENVIRONMENTAL SCOPING REPORT FOR PUBLIC REVIEW

All I&APs are hereby notified that the draft Environmental Scoping Report (ESR) will be available for public comment from **29 April 2013 to 09 June 2013**. The draft ESR will summarise key environmental issues identified to date and will be available at the following places:

- Offices of Matimba Power Station (Nelson Mandela Drive, Lephalale)
- Lephalale Public Library (Lephalale Municipality offices, corner Joe Slovo & Douwater Roads)
- Marapong Community Library (1456 Sethora Street, Marapong)
- Manketti Reserve (Mogol road, Lephalale)
- Offices of Royal HaskoningDHV (78 Kalkoen Street, Monument Park, Pretoria)
- Royal HaskoningDHV website (www.rhdhv.co.za/pages/services/environmental/current-projects.php)
- Eskom Holdings SOC (Ltd) website (www.eskom.co.za/eia)

WHO SHOULD YOU CONTACT?

Royal HaskoningDHV (RHDHV) is the appointed service provider by Eskom to provide independent Environmental Assessment Practitioner (EAP) services for undertaking the required Environmental Impact Assessment and Public Participation (PP) process for the project. To register as an Interested and Affected Party (I&AP) and to obtain details about the project, please submit your name, contact information and interest in the project to:

Sibongile Hlomuka
Public Participation Consultant
Royal HaskoningDHV
PO Box 867
Gallo Manor, 2052
Johannesburg

Tel : 011 798 6429
Fax : 011 798 6010
Email : sibongile.hlomuka@rhdhv.com



Royal HaskoningDHV
Enhancing Society Together

In Memoriam

Corrie Sauer

† 26 November 1919 – 17 April 2013



Corrie Sauer is op 26 November 1919 in die Soutpan-omgewing gebore. Sy het deur al die jare in die Steenbokpan-omgewing gewoon en later jare by haar oudste dogter in Potgietersrus.

Vanaf September 2012 was sy in die ouetehuis waar sy op 17 April 2013 oorlede is.

Ons is baie dankbaar vir alles wat sy vir ons gedoen en beteken het. "Ma was 'n wonderlike mens en 'n staatsmaker. Ons gaan jou baie mis."

— Kinders en kleinkinders

Solidariteit Helpende Hand Gholfdag

Ten bate van die Vaalwater/Lephalale Beursfonds*

11 Mei 2013

Mogol Gholfbaan Lephalale

"Better ball selective drive"

Ons nooi maatskappye om 2 spanne van 2 spelers in te skryf vir R1 200! Borgskappe baie welkom. Help die beurs groei vir ons jongmense!!

Kontak: Retha by 082 782 4205 of Deon by 078 802 0343 vir enige verdere inligting.

U kan ook epos aan: info@chacmasafari.co.za of deonv@solidariteit.co.za

*Fondse wat gedurende die dag ingesamel word gaan na die Vaalwater/Lephalale Beursfonds wat jongmense van Vaalwater en Lephalale die geleentheid sal gee om naskool verder te studeer, tetsy Universiteit, Technikon, Akademie, ens. Enige kind kan aansoek doen vir 'n beurs / studietoelae en aansoek sal dan deur 'n komitee van ons eie bestuurslede tesame met hoofkantor volgens 'n kriteria ge-evalueer word en daarvolgens die beurs toegestaan.

Highmast Properties
PO Box 1026
ELLISRAS 0555

Acting Municipal Manager
Harry Gwala Street
Private Bag X1018
Modimolle 0510

ALTOOSTYD CC
ALTOOSTYD 506 LQ 1
PO Box 40
Lephalale 0555

BATIS PROP 10 CC
HANGLIP 508 LQ 1 & 2
PO Box 323
Ellisras 0555

Head of Department
Department of Public Works
43 Church Street,
Private Bag X9490
Polokwane, 0700

Department of Roads and Transp
cnr Thabo Mbekhi & River street, I
Private Bag X1038
Nylstroom 0510

Exxaro Coal (Pty) Ltd
APPELVLAKE 448 LQ 0 & 2
P O BOX 9229
PRETORIA 0001

Exxaro Coal (Pty) Ltd
GOEDEHOOP 457 LQ
PRETORIA 0001

Exxaro Coal (Pty) Ltd
GROOTEGELUK 459 LQ
P O BOX 9229
PRETORIA 0001

Exxaro Coal (Pty) Ltd
HIEROMTRENT 460 LQ
P O BOX 9229
POLOKWANE 0001

Exxaro Coal (Pty) Ltd
Turfvlakte 463 LQ
P O BOX 9229
PRETORIA 0001

Exxaro Coal (Pty) Ltd
Vooruit 449 LQ
P O BOX 9229
Pretoria 0001

Farm George Town
PO Box 1176
ELLISRAS 0555

Ferroland Wildlife
PO Box 6207
ONVERWACHT 0557

Lephalale Local Municipality
APPELVLAKE 448 LQ 1
Private Bag x136
Lephalale 0555

LQExxaro Coal (Pty) Ltd
Enkelbult 462
P O BOX 9229
Pretoria 0001

ONSNAMU NURSARY PTY LTD
KALKFONTEIN 468 LQ 7
P O BOX 13753
Witfield

PLAASLIKE OWERHEID VAN MA
ZONGEZIEN 467 LQ 2 & 3

ROOIBOSRAND DEV PTY LTD
WORCESTER 520 LQ 3
PO Box 204
PRETORIA 0083

SUNFOX 33 CC
WELGELEGEN 469 LQ
P O BOX 5646 ONVERWACHT

Triple Farm Game Ranch
Droogeheuvel 447 LQ
P O BOX 3665
Randburg 2194

17.G. B. Koadi
Councillor
Lephalale Local Municipality

18.M.J. Selokela
Councillor
Lephalale Local Municipality



1J. Selokela
Councillor
Lephalale Local Municipality

A K Kharivhe
Department of Mineral Resources
Broll Building, 101 Dorp Street
Private Bag X9467
POLOKWANE 0700

AH Grobbelaar
Farm Jacobsloop
PO Box 752
ELLISRAS 0555

Allan Malaerbe
Game ranch 2Q447
PO Box 689
Auckland Park 2006

Allan Malherbe
Triple Farm Game Ranch
Droogeheuvel 447LQ
PO Box 689
Auckland Park 2006

Andries Van Rensburg
Farms Hanover, Colesberg & Ade
PO Box 426
ELLISRAS 0555

Anna Shongoane
Tribal Authority: Setateng, Mmatla
PO Box 322
ELLISRAS 0555

Astrid Basson

Azwihangwisi Mulaudzi
Department of Minerals and resou
Broll Building 101 Dorp Street
POLOKWANE 0699

Bheki Nxumalo
Private Bag X215
Lephalale, 0555

Bob Naidoo
Municipal Manager
Cnr Joe Slovo Douwater Road, Ci
Private Bag X136
Lephalale 0555

Carel Erasmus
Farm Grietasvlakte: Portion 1
PO Box 887
ELLISRAS 0555

Clive Robinson
Werkendam (Portion 1) & Rietspr
PO Box 307
ELLISRAS 0555

D De Beer
Noed Family Trust
PO Box 548
ELLISRAS 0555

Daisy Mafubelu
Department of Health and Social E
18 College Street
Private Bag X9302
POLOKWANE 0700

Dries De Ridder
Director
STADS & Streeksbe Planner
5A HermanStreet
PO Box 5635
ONVERWACHT 0557

Edward Munyai
Waste Officer
Lephalale Local Municipality
Cnr Joe Slovo & Douwater Avenue
Private Bag X136
Lephalale 0555

EJJ Pretorius
Farm Grootfontein
PO Box 840
ELLISRAS 0555

EL Grove
Farm Gorkum
PO Box 619
ELLISRAS 0555

ERASMUS MICHIEL CHRISTIAA
WORCESTER 520 LQ 2
PO Box 40
ELLISRAS 0555

FFW Heystek
Farm: Good Hope
PO Box 213
ELLISRAS 0555

Filomaine Swanepoel
Environmental Manager
Exxaro Grootegeluk

Floyd Brink
Department of Roads and Transp
39 Church Street & 40 Kruger Stre
POLOKWANE 0700

Francois Van der Mark
Farm Marseilles: Portion 1 of port
PO Box 20
ELLISRAS 0555

Francois Van der Merwe
Marseilles
PO Box 20
ELLISRAS 0555

Frederick Malan
Halbosrust & Grootfontein
PO Box 567
ELLISRAS 0555

GAM Ravazzotti
Ellington Ranch (Pty)Ltd & Farms
PO Box 1112
ELLISRAS 0555

Gysbert Vlok
Marseilles
PO Box 696
ELLISRAS 0555

H Kotze
Rhinoland Safaris (Pty)Ltd
PO Box 1014
ELLISRAS 0555

Hendrik Van Rensburg
Farm Norfolk
PO Box 426
ELLISRAS 0555

Herman Pretorius
Ellisras & Hoornbosch Farmers' U
PO Box 1261
ELLISRAS 0555

Hester Ellis
Farm Grietasvlakte: Portion 2 &
PO Box 87
ELLISRAS 0555

Jaco Breedt
Uiterstevreden (Pty) Ltd
PO Box 250
ELLISRAS 0555

Jacobus De Wet
Farm New York
PO Box 74
ELLISRAS 0555

Jacobus Myburgh
Farm Zwellendam
PO Box 512
ELLISRAS 0555

James Higgs
Farms Jacobsloop
PO Box 590
ELLISRAS 0555

Jan Eckard
Transvaal Agricultural Union
PO Box 22
ELLISRAS 0555

Jannie Pretorius
Farm Vucht: Portion 4
PO Box 1178
ELLISRAS 0555

JJJ Potgieter
Preymentos Beleggings CC
PO Box 6012
ELLISRAS 0557

Johan Van den Berg
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

Johannes va Rooyen
Kalkfontein Fram
PO Box 585
ELLISRAS 0555

JPW Erasmus
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

JS Van der Merwe
Farm Portlock & Windsor
PO Box 60
ELLISRAS 0555

JSC Duvenhage
Farm Caledon
PO Box 195
ELLISRAS 0555

Koos Smit
Group Ecologist
Exxaro

Koos Viljoen
Farm Over Yssel 512 LR
PO Box 168
ELLISRAS 0555

LOOTS MARTHIENUS FREDER
ZONGEZIEN 467 LQ 1
PO Box 290
ELLISRAS 0555

Louis Grobler
Manager
Triple Farm Game Ranch



Louw Swanepoel
Manager

LP Makhura
Department of Economic Develop
84 River Street,
P/Bag X1041
Modimolle 0510

Mare Nel
Kalkfontein
PO Box 7207
ONVERWACHT 0557

Maria Cocquyt
Environmental Management Manag

Marius Fuls
Research Manager
Exxaro Coal (Pty) Ltd
Vooruit 449 LQ
PO Box 6207
ONVERWACHT 0557

Marius Fuls
Research Manager
Manketti Reserve (Ferroland Wildl
PO Box 6207
ONVERWACHT 0556

Marius Kotze
Rhinoland Safaris (Pty)Ltd
PO Box 1014
ELLISRAS 0555

Marry Molekwa
Secretary to Manager
Lephalale Local Municipality

Maylene Broderick
Department of Economic Develop
Private Bag X9486
POLOKWANE 0700

Menno Glas
Sonhel Boerdery (Pty)Ltd
PO Box 1026
ELLISRAS 0555

MF Loots
Farm Zongezien: Portion 1
PO Box 290
ELLISRAS 0555

MI Shiko
PO Box 456
ELLISRAS 0555

Michael Mohatshe
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

MICHEL CHRISTIAAN ERASML
Wellington 519 LQ
PO Box 40
Ellisras 0555

MM Komape
Department of Water Affairs - Dire

Nico Meyer
Matlabas Spares
PO Box 428
ELLISRAS 0555

Nicolene Venter
Pilot Freight (PTY) Ltd

P Ellis
Farm Grietasvlakte: Remainder
PO Box 685
ELLISRAS 0555

P Vastapane
Farm George
PO Box 1014
ELLISRAS 0555

Petrus Van Staden
Farm Beaufort
PO Box 1051
ELLISRAS 0555

Phillip Bronkhorst
Safari Lands
PO Box 541
ELLISRAS 0555

PM Tomaszewski
Authoriteit
PO Box 811
ELLISRAS 0555

PSJ Van Rensburg
Farm Beaufort
Private Bag 294
ELLISRAS 0555

Raletjena Moloko
Department of Water Affairs
49 Joubert Street AZMO Place
POLOKWANE 0700

RJ Setlane
Shonghoane Chief Representative
PO Box 322
ELLISRAS 0555

Ronell Kruger
Ellisras Tourism Association
Private Bag X136
ELLISRAS 0555

Ronnie Wiehahn
Wild Study & Kolobe Bush Lodge
PO Box 562
ELLISRAS 0700

ROOYEN JOHANNES WILHELM
KALKFONTEIN 468 LQ 9
PO Box 585
Ellisras 0555

ROOYEN LOUISE VAN
KALKFONTEIN 468 LQ 8
PO Box 585
Ellisras 0555

Stef Snyders

Steven Kgoabalala
Department of Agriculture
89 Biccard Street
POLOKWANE 0700

Susara Gouws
Ganzeban 446 LQ

TA Smit
Preymentos Beleggings CC
PO Box 6012
ELLISRAS 0557

Tebogo Ntshangase
Lephalale Local Municipality Spea

Theresa White
Kudu Canyon & Waterberg Nature
PO Box 371
ELLISRAS 0555

Tienie Loots
PO Box 290
ELLISRAS 0500

Tinyiko Malungani
Limpopo Department of Economic
20 Hans van Rensburg Street / 19
POLOKWANE 0700

Victor Monyepao
Lephalale Local Municipality
Appelvlakte 448 LQ
Private Bag X136
Lephalale 0555

WA Lewies
Transvaal Agricultural Union
PO Box 257
ELLISRAS 0555





APPENDIX C7

DRAFT ESR PP MEETINGS - I&APS NOTIFICATION

Promosie

Moedersdag by die Square ...

LEPHALALE - Annemarie Maloney, bestuurder by die Lephale Square, is nie net 'n praatmens nie, maar 'n doener. "Ons wou die moeders bederf en waar is 'n beter plek as by die Lephale Square wat bekend

is vir vriendelike diens en puik produkte!" sê Annemarie. Pick n Pay se ingang is Saterdagoggend verfraai met lekker bederfinge vir moedersdag. Rose is mildelik uitgedeel, gratis grimeersessies, raad vir hare, naelverf, ens. het deel uitgemaak van 'n vrolike oggend.

Dit het ook die vorm van 'n ekspo aangeneem waar produkte en dienste bekendgestel is onder andere van Jo-Alt en Natasha van Shear Image haarsalon, Table Charm (breekware en kombuisware) van Annetjie Swanepoel, professionele naelverf en raad deur Monique du Toit, professionele grimering deur Annemarie Maloney van The Make-up Mogul, Avon-produkte deur Nancy van Staden (groepleier) en Ndina Mphahuli, Willa Krause - en Argilla produkte deur Melinda Smal (asook die pragtige rose wat uitgedeel is), Dream Weddings van Jo-Anne en Nel-Marie en Slender Wonder van Marietjie Kritzing, 'n mediese gewigsverliesprogram onder die bestuur van 'n plaaslike dokter. Boonop het Jennifer van PhotoJenny deurlopend haar kamera ingespan vir pragtige foto's.



Annemarie besig met 'n grimeersessie



Monique bederf Marietjie met 'n opwindende kleur naelverf

(Foto's: Mogol Post)

DIE DRAADWERF

VERSKAFFERS VAN KWALITEIT
GEGALVANISEERDE DRAAD EN OMHEININGSPRODUKTE

082 203 5340

MET WOORD EN LIED saam met PIET SMIT

Waar: NG Limpopo, Steenbokpan

Wanneer: 19 Mei 2013

Tyd: 09:30

Spesiale kollekte sal opgeneem word. Sien uit om julle daar te sien, dit belooft om 'n ongelooflike oggend in die teenwoordigheid van die Here te wees!



ATKV Bossie-redenaars

Mercia Joubert

LEPHALALE — Daar is 'n spreekwoord wat lui: "Praat Afrikaans en bly kalm." Nathalie Perrier, 'n graad 6-leerder van Laerskool Bosveld Primary bly egter nie kalm as dit by redenaars kom nie, sy skroom nie om standpunt in te neem nie! Selfvertroue en die feit dat Nathalie op haar voete kan dink het tot gevolg gehad dat sy na die Limpopo-rondte wat op 31 Mei in Polokwane gaan plaasvind deurgedring het. Op Woensdag, 1 Mei het die volgende Bossie-leerders aan die jaarlikse ATKV-uitdunronde deelgeneem:

Corli Strydom (gr.1), Herman Minnaar & Ulrich Pepler (gr.2), Anri Engelbrecht (gr.5), Nathalie Perrier (gr.6) en Hannah

Leahy (gr.7).

Baie geluk aan elkeen van julle wat die Bossies se naam hoog gehou het! Laerskool Bosveld Primary is voorwaar trots op julle!



(Foto verskef)

Moeg Gewag?!

Toustaanhulp 'n oproep ver:

- * Voertuiglisensiehernuwings
- * Voertuigregistrasies
- * Aansoeke
- * padwaardigheidsertifikate
- * Tydelike permitteeransoeke
- * Besigheidsregistrasies op
- * Natistelsel
- * Maak van nommerplate

GERIEFLIK!

in Ellisras Tuisnywerheid, naby
Onverwacht Poskantoor

Kontak:

Antoinette
084 582 1905
014 763 1749
014 763 5033



Oogkundige

Hendrik Kock Optometrist



Eramagebou 10B
Jacobsstraat
Ellisras
(Langs Ellisras Apteek)

Tel: 014 763 2240

Faks: 014 763 4840

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION IN LEPHALALE, LIMPOPO (DEA REF: 14/12/16/3/3/56)

Notice is hereby given in terms of the National Environmental Management Act, 1998 (No 107 of 1998) as amended, the Environmental Impact Regulations (2010) and the National Environmental Management: Waste Act, 2008 (No 59 of 2008). Eskom Holdings SOC (Ltd) herein referred to as "Eskom", has submitted an integrated Environmental Authorisation and Waste Management License application to the National Department of Environmental Affairs (DEA) for the proposed continuous ash disposal facility for the Matimba Power Station in Lephalale, Limpopo Province.

Ash is generated as a by-product from combustion of coal from the Matimba Power Station which produces approximately 4.8 million tons of ash annually. This ash is currently being disposed of by means of 'dry ashing' approximately three kilometres south of the power station. Eskom proposes the construction of a new ash disposal facility in order to ensure that the Matimba Power Station is able to accommodate its ashing requirements for the remaining life (44 years) of the power station.

Consequently, Eskom Holdings SOC Limited intends to undertake a full Scoping and EIA study and submit the Environmental Scoping Report (ESR) and Environmental Impact Assessment Report (EIA) to DEA in support of the proposed project.

NOTICE OF PUBLIC MEETING

All I&APs are hereby invited to attend public meetings to be held on 28 May 2013. Two similar public meetings will be held – one in the afternoon and one in the evening. You are welcome to choose one that would be most convenient for you to attend. Attendance of the public meeting is encouraged, as the project team will be on-hand to provide you with further details regarding the project as well as to receive relevant information. Details of the public meeting are as follows:

- Venue 1: Old Conference Room - Manketti Lodge (Mogol road, Lephalale)
Date: 28 May 2013
Time: 14h00 to 16h00
- Venue 2: Grootegeluk Conference Room - Mogol Club (Corner of George Wells & Nelson Mandela Street)
Date: 28 May 2013
Time: 17h00 to 19h00

Should you wish to attend the public meeting, please RSVP as soon as possible to Sibongile Hlomuka (contact details provided below).

NOTICE OF AVAILABILITY OF THE DRAFT ENVIRONMENTAL SCOPING REPORT FOR PUBLIC REVIEW
All I&APs are hereby notified that the draft Environmental Scoping Report (ESR) is available for public comment from 29 April 2013 to 09 June 2013. The draft ESR summarised key environmental issues identified to date and will be available at the following places:

- Offices of Matimba Power Station (Nelson Mandela Drive, Lephalale)
- Lephalale Public Library (Lephalale Municipality offices, corner Joe Slovo & Dourwater Roads)
- Marapong Community Library (1456 Sethora Street, Marapong)
- Manketti Lodge (Mogol road, Lephalale)
- Offices of Royal HaskoningDHV (78 Kalkoen Street, Monument Park, Pretoria)
- Royal HaskoningDHV website (www.rhdhv.co.za/pages/services/environmental/current-projects.php)
- Eskom Holdings SOC (Ltd) website (www.eskom.co.za/eia)

WHO SHOULD YOU CONTACT?

Royal HaskoningDHV (RHDHV) is the appointed service provider by Eskom to provide independent Environmental Assessment Practitioner (EAP) services for undertaking the required Environmental Impact Assessment and Public Participation (PP) process for the project. To register as an Interested and Affected Party (I&AP) and to obtain details about the project, please submit your name, contact information and interest in the project to:

Sibongile Hlomuka
Public Participation Consultant
Royal HaskoningDHV
PO Box 867
Gallo Manor, 2052
Johannesburg
Tel: (011) 798 6428
Fax: (011) 798 6010
Email: sibongile.hlomuka@rhdhv.com

Royal HaskoningDHV
Enhancing Society Together

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION IN LEPHALALE, LIMPOPO (DEA REF: 14/12/16/3/3/356)

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- Manketti Lodge (Mogol road, Lephalale)
- Offices of Royal HaskoningDHV (78 Kalkoen Street, Monument Park, Pretoria)
- Royal HaskoningDHV website: www.rhdhv.co.za/pages/services/environmental/current-projects.php
- Eskom Holdings SOC (Ltd) website (www.eskom.co.za/eia)

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Sibongile Hlomuka
Public Participation Consultant
Royal HaskoningDHV
PO Box 887
Gallo Manor 2052
Johannesburg

Tel: (011) 798 6429
Fax: (011) 798 6010
Email: sibongile.hlomuka@rhdhv.com



VISION
To be the energy hub and eco-tourism destination in Southern Africa
MISSION
To provide strategic direction and sustainable services through good governance and partnerships

Waterberg's
District Municipality
on the Go for Growth

Waterberg District Municipality is an equal opportunity employer subscribing to the Employment Equity Act, and hereby invites applications from suitably qualified persons to fill the under-mentioned posts. Women and disabled persons are encouraged to apply.

Executive Support

Section: IGR, Protocol and Communication

Intergovernmental Relations (IGR) Practitioner

Salary: R234 600 per annum (Level 06)

Benefits: Normal Municipal Benefits

Requirements: • A 3-year diploma in Public Administration, Communication, Protocol or equivalent • Computer literacy • Understanding of how spheres of Government and stakeholders operate • A minimum of 2 years' experience • A valid driver's licence.

Key responsibilities: • Perform specific tasks/activities associated with the provision of administrative support • Coordinate IGR meetings hosted by the Executive Mayor, Chief Whip, Speaker and Manager of the Office of the Executive Mayor • Organise, confirm and schedule meetings/appointments with internal departments/external officials and stakeholders • Copy, type and format documents/reports and create presentations using word processing and related office applications • Prepare notification and minutes for specific Intergovernmental Relations meetings and attend to the distribution and/or arrange for the collection of documentation prior to scheduled meetings • Assist in branding the Municipality during official events • Record minutes during IGR meetings and follow up on resolutions taken • Render protocol services on all events, internally and externally • Maintain and access records of discussions, instructions and correspondence • Perform tasks associated with the provision of general office support.

Budget and Treasury Office

Section: Supply Chain Management

Senior Supply Chain Administrator

(Re-advert)

Salary: R183 072 per annum (Level 08)

Benefits: Normal Municipal Benefits

Requirements: • A 3-year diploma in Supply Chain/Purchasing/Finance/Procurement Management • 2 years' proven experience in the field of Supply Chain Management • A high level of communication and interpersonal skills • Analytical, innovative, problem-solving and time management skills • Computer literacy.

Key performance areas: • Coordinate specific logistical and procedural requirements associated with the Bid Specification Committee, Bid Evaluation Committee and Bid Adjudication Committee meetings • Provide secretarial support to the Bid Specification Committee, Bid Evaluation Committee and Bid Adjudication Committee • Assist with the compilation of Statutory reports in terms of the MFMA and Supply Chain Management Regulations • Provide all departments with information regarding the Supplier Database • Issue orders for all departments within 3 days after checking requisition and budget • Issue and order stationery for the Finance department • Maintain and update the fixed asset register, barcode assets and prepare the relevant journals relating to the fixed assets register • Maintain relationships with service providers/vendors and contractors • Compile a register of all officials who have been delegated the authority to approve the procurement of goods and services • Manage the disposal of municipal goods no longer needed and/or are redundant • Provide internal support to departments on SCM, Contract and tendering issues • Manage the initiation of tender documentation, receive and prepare tender documentation and coordinate the compilation of the Specifications Committee Agenda for consideration by the Specifications Committee • Compile a register of officials owning companies approved by Council • Promote and implement Black Economic

Ronnie Wiehahn
Wild Study & Kolobe Bush Lodge
PO Box 562
ELLISRAS 0700

Theresa White
Kudu Canyon & Waterberg Nature
PO Box 371
ELLISRAS 0555

Gysbert Vlok
Marseilles
PO Box 696
ELLISRAS 0555

Koos Viljoen
Farm Over Yssel 512 LR
PO Box 168
ELLISRAS 0555

Nicolene Venter
Pilot Freight (PTY) Ltd

P Vastapane
Farm George
PO Box 1014
ELLISRAS 0555

Petrus Van Staden
Farm Beaufort
PO Box 1051
ELLISRAS 0555

Andries Van Rensburg
Farms Hanover, Colesberg & Ade
PO Box 426
ELLISRAS 0555

Hendrik Van Rensburg
Farm Norfolk
PO Box 426
ELLISRAS 0555

PSJ Van Rensburg
Farm Beaufort
Private Bag 294
ELLISRAS 0555

Francois Van der Merwe
Marseilles
PO Box 20
ELLISRAS 0555

JS Van der Merwe
Farm Portlock & Windsor
PO Box 60
ELLISRAS 0555

Francois Van der Mark
Farm Marseilles: Portion 1 of port
PO Box 20
ELLISRAS 0555

Johan Van den Berg
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

Johannes van Rooyen
Kalkfontein Farm
PO Box 585
ELLISRAS 0555

PM Tomaszewski
Autoriteit
PO Box 811
ELLISRAS 0555

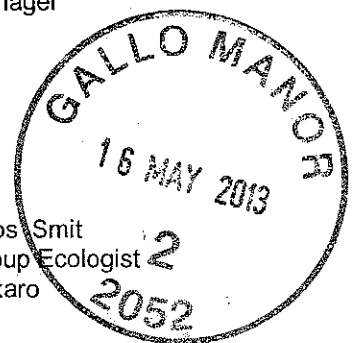
Filomaine Swanepoel
Environmental Manager
Exxaro Grootegeluk

Louw Swanepoel
Manager

Stef Snyders

TA Smit
Preymentos Beleggings CC
PO Box 6012
ELLISRAS 0557

Koos Smit
Group Ecologist
Exxaro



Anna Shongoane
Tribal Authority: Setateng, Mmatla
PO Box 322
ELLISRAS 0555

MI Shiko
PO Box 456
ELLISRAS 0555

RJ Setlane
Shonghoane Chief Representative
PO Box 322
ELLISRAS 0555

Allan Malherbe
Triple Farm Game Ranch
Droogeheuvel 447LQ
PO Box 689
Auckland Park 2006

Frederick Malan
Halbosrust & Grootfontein
PO Box 567
ELLISRAS 0555

Allan Malaerbe
Game ranch 2Q447
PO Box 689
Auckland Park 2006

LP Makhura
Department of Economic Develop
84 River Street,
P/Bag X1041
Modimolle 0510

Daisy Mafubelu
Department of Health and Social I
18 College Street
Private Bag X9302
POLOKWANE 0700

ROOYEN LOUISE VAN
KALKFONTEIN 468 LQ 8
PO Box 585
Ellisras 0555

MF Loots
Farm Zongezien: Portion 1
PO Box 290
ELLISRAS 0555

Tienie Loots
PO Box 290
ELLISRAS 0500

WA Lewies
Transvaal Agricultural Union
PO Box 257
ELLISRAS 0555

Ronell Kruger
Ellisras Tourism Association
Private Bag X136
ELLISRAS 0555

Marius Kotze
Rhinoland Safaris (Pty)Ltd
PO Box 1014
ELLISRAS 0555

H Kotze
Rhinoland Safaris (Pty)Ltd
PO Box 1014
ELLISRAS 0555

MM Komape
Department of Water Affairs - Dire

17.G. B. Koadi
Councillor
Lephalale Local Municipality

A K Kharivhe
Department of Mineral Resources
Broll Building, 101 Dorp Street
Private Bag X9467
POLOKWANE 0700

Steven Kgobalala
Department of Agriculture
89 Biccard Street
POLOKWANE 0700

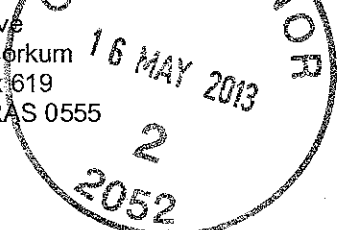
Madumetja Kgafela
Councillor Coordinator
Lephalale Local Municipality
Private Bag X 136 ,Lephalale
Limpopo 0555

ROOYEN JOHANNES WILHELM
KALKFONTEIN 468 LQ 9
PO Box 585
Ellisras 0555

James Higgs
Farms Jacobsloop
PO Box 590
ELLISRAS 0555

FFW Heystek
Farm: Good Hope
PO Box 213
ELLISRAS 0555

EL Grove
Farm Gorkum
PO Box 619
ELLISRAS 0555



Louis Grobler
Manager
Triple Farm Game Ranch

AH Grobbelaar
Farm Jacobsloop
PO Box 752
ELLISRAS 0555

Sasara Gouws
Aurecon
Wildekwepersteeg 76
Wildekwepersteeg 76 , Wonderbo
PRETORIA 0182

.. LQExxaro Coal (Pty) Ltd
Enkelbult 462
P O BOX 9229
Pretoria 0001

.. Lephalale Local Municipality
APPELVLAKE 448 LQ 1
Private Bag x136
Lephalale 0555

.. Highmast Properties
PO Box 1026
ELLISRAS 0555

.. Ferroland Wildlife
PO Box 6207
ONVERWACHT 0557

.. Farm George Town
PO Box 1176
ELLISRAS 0555

.. Exxaro Coal (Pty) Ltd
Vooruit 449 LQ
P O BOX 9229
Pretoria 0001

.. Exxaro Coal (Pty) Ltd
Turflakte 463 LQ
P O BOX 9229
PRETORIA 0001

.. Exxaro Coal (Pty) Ltd
HIEROMTRENT 460 LQ
P O BOX 9229
POLOKWANE 0001

.. Exxaro Coal (Pty) Ltd
GROOTEGELUK 459 LQ
P O BOX 9229
PRETORIA 0001

.. Exxaro Coal (Pty) Ltd
GOEDEHOOP 457 LQ
PRETORIA 0001

.. Exxaro Coal (Pty) Ltd
APPELVLAKE 448 LQ 0 & 2
P O BOX 9229
PRETORIA 0001

.. Department of Roads and Transp
cnr Thabo Mbekhi & River street, I
Private Bag X1038
Nylstroom 0510

.. Head of Department
Department of Public Works
43 Church Street,
Private Bag X9490
Polokwane, 0700

.. BATIS PROP 10 CC
HANGLIP 508 LQ 1 & 2
PO Box 323
Ellisras 0555

.. ALTOOSTYD CC
ALTOOSTYD 506 LQ 1
PO Box 40
Lephalale 0555

.. Acting Municipal Manager
Harry Gwala Street
Private Bag X1018
Modimolle 0510



Menno Glas
Sonhel Boerdery (Pty)Ltd
PO Box 1026
ELLISRAS 0555

Marius Fuis
Research Manager
Manketti Reserve (Ferroland Wildl
PO Box 6207
ONVERWACHT 0556

Marius Fuis
Research Manager
Exxaro Coal (Pty) Ltd
Vooruit 449 LQ
PO Box 6207
ONVERWACHT 0557

JPW Erasmus
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

Carel Erasmus
Farm Grietasvlakte: Portion 1
PO Box 887
ELLISRAS 0555

MICHIEL CHRISTIAAN ERASML
Wellington 519 LQ
PO Box 40
Ellisras 0555

P Ellis
Farm Grietasvlakte: Remainder
PO Box 685
ELLISRAS 0555

Hester Ellis
Farm Grietasvlakte: Portion 2 &
PO Box 87
ELLISRAS 0555

Jan Eckard
Transvaal Agricultural Union
PO Box 22
ELLISRAS 0555

JSC Duvenhage
Farm Caledon
PO Box 195
ELLISRAS 0555

Jacobus De Wet
Farm New York
PO Box 74
ELLISRAS 0555

Dries De Ridder
Director
STADS & Streeksbe Planner
5A HermanStreet
PO Box 5635
ONVERWACHT 0557

D De Beer
Noed Family Trust
PO Box 548
ELLISRAS 0555

Maria Cocquyt
Environmental Management Manag

Phillip Bronkhorst
Safari Lands
PO Box 541
ELLISRAS 0555

Maylene Broderick
Department of Economic Develop
Private Bag X9486
POLOKWANE 0700

Floyd Brink
Department of Roads and Transp
39 Church Street & 40 Kruger Stre
POLOKWANE 0700

Jaco Breedt
Uiterstevreden (Pty) Ltd
PO Box 250
ELLISRAS 0555

Astrid Basson

Triple Farm Game Ranch
Droogeheuvel 447 LQ
P O BOX 3665
Randburg 2194

SUNFOX 33 CC
WELGELEGEN 408 LQ
P O BOX 5626 ONVERWACHT



ROOIBOSRAND DEV PTY LTD
WORCESTER 520 LQ 3
PO Box 204
PRETORIA 0083

PLAASLIKE OWERHEID VAN MA
ZONGEZIEN 467 LQ 2 & 3

ONSNAMU NURSARY PTY LTD
KALKFONTEIN 468 LQ 7
P O BOX 13753
Witfield

1.J. Selokela
Councillor
Lephalale Local Municipality

18.M.J. Selokela
Councillor
Lephalale Local Municipality

Clive Robinson
Werkendam (Portion 1) & Rietspr
PO Box 307
ELLISRAS 0555

GAM Ravazzotti
Ellington Ranch (Pty)Ltd & Farms
PO Box 1112
ELLISRAS 0555

Jannie Pretorius
Farm Vucht: Portion 4
PO Box 1178
ELLISRAS 0555

EJJ Pretorius
Farm Grootfontein
PO Box 840
ELLISRAS 0555

Herman Pretorius
Ellisras & Hoornbosch Farmers' U
PO Box 1261
ELLISRAS 0555

JJJ Potgieter
Preymentos Beleggings CC
PO Box 6012
ELLISRAS 0557

Bheki Nxumalo
Private Bag X215
Lephalale, 0555

Tebogo Ntshangase
Lephalale Local Municipality Spea

Mare Nel
Kalkfontein
PO Box 7207
ONVERWACHT 0557

Bob Naidoo
Municipal Manager
Cnr Joe Slovo Douwater Road, Ci
Private Bag X136
Lephalale 0555

Jacobus Myburgh
Farm Zwellendam
PO Box 512
ELLISRAS 0555

Edward Munyai
Waste Officer
Lephalale Local Municipality
Cnr Joe Slove & Douwater Avenue
Private Bag X136
Lephalale 0555

Azwihangwisi Mulaudzi
Department of Minerals and resou
Broll Building 101 Dorp Street
POLOKWANE 0699

Victor Monyepao
Lephalale Local Municipality
Appelviakte 448 LQ
Private Bag X136
Lephalale 0555

Raletjena Moloko
Department of Water Affairs
49 Joubert Street AZMO Place
POLOKWANE 0700

Marry Molekwa
Secretary to Manager
Lephalale Local Municipality

Michael Mohatshe
Lephalale Municipality
Private Bag X136
ELLISRAS 0555

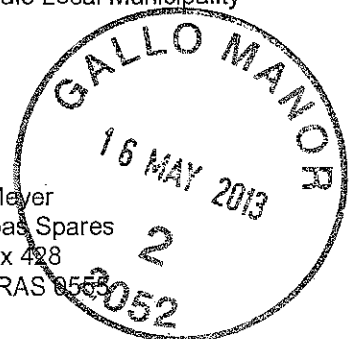
ERASMUS MICHIEL CHRISTIAA
WORCESTER 520 LQ 2
PO Box 40
ELLISRAS 0555

Nico Meyer
Matlabas Spares
PO Box 428
ELLISRAS 0555

LOOTS MARTHIENUS FREDER
ZONGEZIEN 467 LQ 1
PO Box 290
ELLISRAS 0555

19.L. S Manamela
Councillor
Lephalale Local Municipality

Tinyiko Malungani
Limpopo Department of Economic
20 Hans van Rensburg Street / 19
POLOKWANE 0700



APPENDIX C8
MINUTES OF MEETINGS

**ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED
CONTINUOUS ASH DISPOSAL FACILITY FOR MATIMBA POWER
STATION IN LEPHALALE, LIMPOPO**

MINUTES OF THE PUBLIC MEETING

HELD ON

TUESDAY, 28 MAY 2013

AT 14H30

AT

MANKETTI LODGE, LEPHALALE

ENQUIRIES

ROYAL HASKONINGDHV (RHDHV):

Phyllis Kalele

PO Box 25302, Monument Park, 0105

Tel.: (012) 367 5916

Fax: (012) 367 5878

E-mail: phyllis.kalele@rhdhv.com

COMMENTS

Your comments on this document would be greatly appreciated. In particular, we request you to verify that your comments during the meeting have been minuted correctly. Please address your written comments to Phyllis Kalele at the address given above by no later than **13 June 2013**. However, please note that the minutes are not verbatim.

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1. WELCOME AND INTRODUCTION

Phyllis Kalele opened the meeting by welcoming everyone present and asked all the attendees to introduce themselves and make sure that they sign the attendance register.

IN ATTENDANCE

Johannes Molepo (JM) – Exxaro (Ferroland Manketti Reserve)
Tobile Bokwe (TB) – Eskom (Environmental Management)
Phuluso Masiagwala (PM) - Eskom (Matimba Power Station)
Mpolokeng Mampane (MMA) – Eskom (Matimba, Technical Engineering)
Mpho Muswubi (MMu) - Eskom (Environmental Management)
Tshifhiwa Matamela (TM) - Eskom (Matimba Power Station)
Johan Blignaut (JB) – RHDHV
Hope Mokolane (HM) - RHDHV
Phyllis Kalele (PK) – RHDHV

The attendance register is attached under **Annexure A**.

2. PURPOSE OF THE MEETING

PK briefly explained that the purpose of the meeting was to:

- a) Provide Interested and Affected Parties (I&APs) with information regarding the proposed project;
- b) Provide an overview of the Environmental Impact Assessment (EIA) and Public Participation (PP) Process being followed for the proposed project;
- c) Provide an opportunity for I&APs to seek clarity and provide input into the project;
- d) To record comments raised and include them in the Environmental Scoping Report and the EIA process going forward; and
- e) Interact with the project team.

3. PRESENTATION

PK handed over the meeting to MMA who provided the technical overview of the project. This encompassed:

- a) A background of the project
- b) Project need and desirability
- c) Project description
- d) Challenges experienced on the existing ash disposal facility

A copy of this presentation is attached under **Appendix B**.

PK then continued giving the presentation which covered the following:

- a) The study area demarcated for the proposed activities.
- b) Environmental Legislation - PK explained that in order to comply with legislation, an Integrated Environmental Authorization (IEA) process is being undertaken. This is because a Waste

Management License (WML) and an Environmental Authorization (EA) are required for the proposed ash disposal facility. The Department of Environmental Affairs (DEA) is the Competent Authority to issue a decision for the project.

- c) The EIA process which comprises of an Environmental Scoping Study (ESS) including site screening; EIA phase including the Environmental Management Programme (EMPr) and decision from the Competent Authority (to issue a decision).
- d) Aims of the ESS which include:
 - Description of the proposed activity
 - Description of feasible alternatives; for this project two site alternatives and layout alternatives have been identified.
 - Identification of potential significant positive and negative environmental (biophysical and social) impacts
 - Compilation of the Environmental Scoping Report (ESR) including a Plan of Study for the EIA
 - Recommendations for the project
 - Public Participation Process
- e) Site alternatives – PK explained the methodology that was used to identify the two site alternatives selected (Site 1 is on the farm Zwartwater 507 LQ on which the existing ash disposal facility is located while Site 2 straddles portions of four farms namely Vooruit 449 LQ, Droogeheuvel 447LQ, Ganzepan 446 LQ, Appelvlakte 448 LQ). All the landowners have been notified of the proposed project.
- f) Specialist studies being conducted.
- g) Potential impacts that have been identified.
- h) Recommendations from the ESS process.
- i) Public Participation activities that have been undertaken to date.

PK emphasized that the draft Environmental Scoping Report was available for comment from **29 April 2013** until **9 June 2013** and hard copies of the report are available at the following venues:

- Offices of Matimba Power Station
- Lephalale Public Library
- Marapong Community Library
- Manketti Lodge
- Offices of RHDHV

The reports can also be downloaded from:

- *Royal HaskoningDHV website* (<http://www.rhdhv.co.za/pages/services/environmental/current-projects.php>)
- *Eskom Holdings SOC (Ltd) website* (www.eskom.co.za/eia/matimba continuous ash disposal)

- j) The way forward for the EIA process. The immediate next steps in the project will be compilation of the minutes of the meeting and distribution to attendees. Thereafter, the comments received will be incorporated into the Final Scoping Report (FSR) which will then be submitted to DEA and also made available to IAPs for review and comment for a further 21 days. The FSR will be available at the same venues as the DSR.

A copy of this presentation is attached under **Annexure C**.

4. DISCUSSION SESSION

JM: The existing ash disposal facility is located on farm Zwartwater 507LQ; how many years are remaining before the entire farm can be completely covered by the ash?

MMa: The remaining portion can cater for ash disposal for the remaining life of the Matimba power station i.e. 44 years.

JM: If the engineering studies for the raising of the ash pile are successful, it means that another alternative site will not be required for the establishment of the ash disposal facility?

MMa: Correct; if the remaining portion of farm Zwartwater can be engineered to cater for the entire 44 years of the ash disposal activities.

JM: Is the Eskom environmental team aware of discussions that were being undertaken between Eskom and Exxaro to dispose of the ash into the mining pits at the Grootegeluk mine? Studies for this option have already been undertaken and the contact details of the relevant Exxaro officials are available from whom detailed information can be obtained. This option can be included as an additional alternative to be assessed in the EIA.

TB: The Eskom environmental team is aware of the option of backfilling the pits at the mine with the ash and that extensive research that has been undertaken. This study was commissioned when Eskom applied for an Environmental Authorisation for Medupi Power Station in which the Department of Environmental Affairs (DEA) would not grant a license for on-site ashing, until such investigations were made. The option of backfilling the mine pits was considered and the main challenge encountered was whether Eskom or Exxaro would take liability for ground water pollution effected by the ash disposal. The RHDHV EAPs will access the studies and if it is determined that the backfilling option is feasible, and the allocation of responsibility is clarified, this option will not be pursued for the proposed project.

Eskom purchased the farm Zwartwater for the disposal of ash a long time before the promulgation of the NEM: Waste Act (No 59 of 2008). However, in order for the activity to continue on the remaining portion of land or another alternative piece of land, an Integrated Environmental Authorization must be obtained under the current environmental laws i.e. EIA Regulations (2010) promulgated in terms of the National Environmental Management Act No 107 of 1998 (NEMA) [as amended] and the National Environmental Management Waste Act No. 59 of 2008 (NEM:WA).

Additionally, the assessment of alternatives is required as per the EIA Regulations (2010) and that is why the EIA process commenced with site identification and screening.

JM: What are the timeframes for the proposed project?

PK: After the draft ESR public review period is completed, the scoping report will be finalized and submitted to DEA for review and decision making (*the DEA has 14 days to acknowledge receipt of the final ESR and 30*

days to reject or accept the final ESR) and to I&APs for further review and comment for 21 days (*the comments are sent directly to DEA and a copy provided to the Environmental Assessment Practitioner i.e. RHDHV*). The EIA phase can only commence once the scoping report has been accepted by DEA and it will involve the compilation of an EIA report (*including the findings of the detailed specialist studies*) and an EMPr. These reports go through a public review period again and thus from the project programme, a decision on the project is planned / expected to be received by end of November 2013.

JM: Will the findings of the specialist studies be distributed?

PK: The findings of the specialist reports will form part of the compiled EIA report; full reports will be included in the appendices.

5. CLOSURE AND WAY FORWARD

PK informed the attendees that they can contact her using any of the provided methods if they have further questions or comments. In addition, PK mentioned that the minutes of the meeting will be prepared and distributed to those who attended the meeting.

PK thanked everyone for their attention and attending the meeting. The meeting closed at 15h15.



ANNEXURE A
ATTENDANCE REGISTER

**EIA FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION, LEPHALALE
ATTENDANCE REGISTER**




PUBLIC MEETING


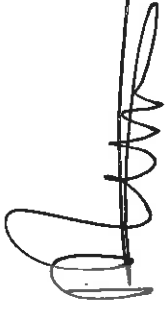
MANKETTI LODGE

28 MAY 2013

NAME & SURNAME	ORGANISATION	CONTACT INFORMATION	SIGNATURE
JOHANNES MOLEGO	EXXORO-FERROVOND (MANKETTI)	TEL	
		FAX	
		MOBILE 082 269 6334	
		E-MAIL Johannes.Molego@exxoro.com	
MARUS FULS	EXXORO-FERROVOND (MANKETTI)	TEL:	
		FAX	
		MOBILE: 0833053104	
		E-MAIL Marus.Fuls@exxoro.com	
TOBILO Bokwe	KEN. MINT KSKOM	TEL 011 800 2303	
		FAX 086 663 2051	
		MOBILE 082 828 1777	
		E-MAIL: BOKWETT@KSKOM.	



Co. 2a

NAME & SURNAME	ORGANISATION	CONTACT INFORMATION	SIGNATURE
Phuliso Masiagwala	Environmental Management ESKOM	TEL 014 763 8529 FAX - MOBILE 072 2006 5914 E-MAIL MasiagP@ESKOM.CO.ZA	
Sohan Blignaut	RHDHV	TEL FAX MOBILE 072 269 8227 E-MAIL jhon.blignaut@rhdhv.com	
PHYLLIS KALELE	RHDHV	TEL 012 367 5916 FAX 012 367 5878 MOBILE 072 863 6972 E-MAIL PHYLLIS.KALELE@RHDHV.COM	
MPOLORENG MAMPANE	ESKOM - MATIMBA	TEL 014 763 8522 FAX 086 218 3510 MOBILE 082 657 3690 E-MAIL MAMPANML@ESKOM.CO.ZA	

NAME & SURNAME	ORGANISATION	CONTACT INFORMATION	SIGNATURE
Mpho Muswula	Eskom	TEL 011 800 2346 FAX- 086 665 8585 MOBILE 082 593 3339 E-MAIL mpho.muswula@eskom.co.za	
Tshibhiwa Mutamela	Eskom Mutamela	TEL 014 763 8084 FAX 014 763 8000 MOBILE 0797654296 E-MAIL Mutamela@eskom.co.za	
Hope Mokolane	RHDHV	TEL 011 798 6434 FAX MOBILE 083 370 5412 E-MAIL hope.mokolane@rhdhv.com	
		TEL FAX MOBILE E-MAIL	


ANNEXURE B


PRESENTATION - ESKOM TECHNICAL OVERVIEW OF THE PROJECT

Matimba Power Station Ash Disposal Facility Technical Presentation


Presented by: Mpolokeng Mampane


Powering your world 



Content


- Background
- Project need and desirability
- Project description
- Ash Dump facility challenges


2 Coal 1 (Kendal, Kusile, Majuba, Matimba and Medupi) 



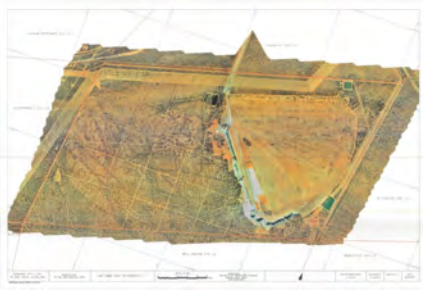
Background


- Matimba was commissioned in the late 1980's.
- Coal is sourced from the Exxaro mine and used to generate electricity.
- Ash is produced as a by-product and is disposed, by means of a series of conveyors, in a designated ash dump site.
- The site is on the Zwartwater farm land, with a total area of 1200ha.
- 920ha was designated for ash disposal and approximately 300ha has been covered with ash thus far.
- The first ash disposal was done in 1987.


3 Coal 1 (Kendal, Kusile, Majuba, Matimba and Medupi) 



Layout of the Ash Dump





4 Coal 1 (Kendal, Kusile, Majuba, Matimba and Medupi) 



Project need and desirability


- Matimba produces an average of 400 000m³ of ash per month that needs to be disposed of.
- The station will operate for the next 44 years.
- The current ash disposal facility is not licensed under the relevant environmental legislations.
- A waste licensed site is required for the continuous operation of the ash disposal activity.

5 Coal 1 (Kendal, Kusile, Majuba, Matimba and Medupi) 



Project description

- Ash disposal is a progressive and continuous activity.
- The current ash dump is rehabilitated when it reaches a height of 52m.
- The new licensed ash disposal facility will be constructed with ground water contamination mitigation measures.
- Surface runoff water control structures to be constructed with the ash dump as it progresses.



6 Coal 1 (Kendal, Kusile, Majuba, Matimba and Medupi) 



Ash Dump facility challenges

- Breakdown of the conveyor system.
- Seepage of groundwater found at the toe of the ash dump.

7

Coal 1 (Kendal, Kusile, Majuba, Matimba and Medupi)





THANK YOU

Powering your world 

ANNEXURE C

PRESENTATION-RHDHV ENVIRONMENTAL

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND WASTE MANAGEMENT LICENSE (WML) APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION IN LEPHALALE, LIMPOPO PUBLIC MEETING 28 MAY 2013

AGENDA

- Welcome & Introduction
- Purpose of the meeting
- Technical Presentation
- Project need, desirability & description
- Environmental legislation
- EIA process
- Aims of the Environmental Scoping Study
- Project alternatives
- Specialist team
- Potential impacts
- Recommendations
- Public Participation Process
- Way Forward
- Discussion Session

PURPOSE OF TODAY'S MEETING

- Provide I&APs with information regarding the proposed project.
- Provide an overview of the Environmental Impact Assessment (EIA) & Public Participation (PP) Process.
- Provide an opportunity for I&APs to seek clarity and provide input into the project.
- To record comments raised and include them in the Environmental Scoping Process and Report.
- To interact with the project team.

TECHNICAL PRESENTATION

Hyperlink

PROJECT NEED AND DESIRABILITY

- Matimba Power Station is a 3990 MW installed capacity base load coal-fired power station. The power station obtains its coal from Exxaro Grootegeeluk Colliery for electricity generation.
- Ash is generated as a by-product from coal combustion; approximately 4.8 million tons of ash is produced from the power station.
- The ash is currently being disposed by means of 'dry-ashing' approximately 3 km south of the power station on farm Zwartwater 507LQ.
- A new ash disposal facility is required in order to ensure that the power station is able to accommodate the ashing requirements for the remaining life (44 years) of the power station.
- An 8 km radius with the Matimba Power Station as the centre point forms the study area of the Environmental Scoping Phase (ESR).

PROJECT DESCRIPTION

- The facility will be a continuous ash disposal facility with the following specifications:
 - ✓ Airspace with a capacity of 297 million m³ (remaining)
 - ✓ Ground / development footprint of 651 ha (remaining fenced area including pollution control dams and other infrastructure e.g. conveyor belts)
- A new ash disposal facility will need to have the following typical infrastructure constructed:
 - ✓ Conveyor system for ash transportation
 - ✓ Drainage system
 - ✓ Site office
 - ✓ Workshop

PROJECT DESCRIPTION

- ✓ Contractors' yard
- ✓ Water supply pipelines, for ash/dust suppression
- ✓ Ash water return dams
- ✓ Storm water control dams (these will be constructed as per the GN 704 of the National Water Act (No. 36 of 1998))
- ✓ Storm water control berms
- ✓ Access roads to, on and around the facility. These include temporary roads during construction and permanent roads during the operation.
- ✓ Ash disposal site – The design of this site will be dependent on aspects such as the results of the ash classification study, topography, etc.

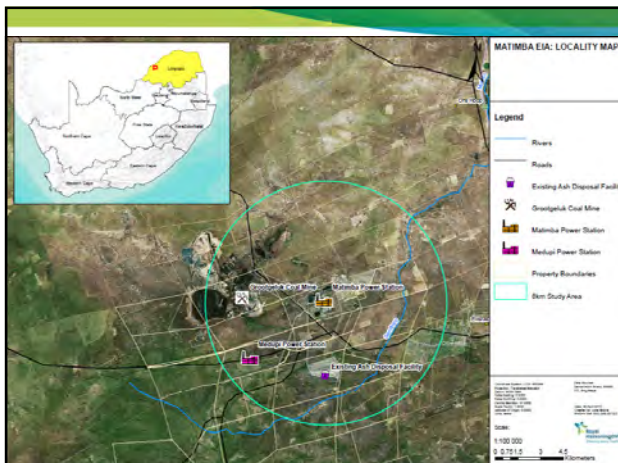
Ash is transported with a conveyor belt from the power station to the ash disposal facility



View from the top of the ash dump



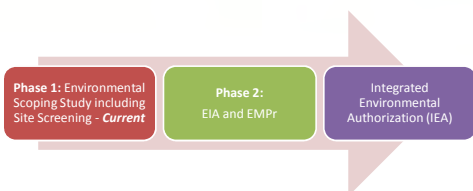
Ash disposal area after rehabilitation



ENVIRONMENTAL LEGISLATION

- The proposed ash disposal facility also needs to be aligned with the following key environmental legislation:
 - ✓ The National Environmental Management: Waste Act [NEMWA] (No. 59 of 2008) – a Waste Management License (WML) is required
 - ✓ The Environmental Impact Assessment (2010) Regulations and the National Environmental Management Act [NEMA] (No.107 of 1998)(as amended) - an Environmental Authorization (EA) is required
- Based on Regulatory provisions, an integrated environmental authorization process is being undertaken.
- The Competent Authority / Authorizing Department for the Integrated EA is the Department of Environmental Affairs (DEA).

EIA PROCESS FOR THE PROJECT



AIMS OF THE ENVIRONMENTAL SCOPING STUDY (ESS)

- Description of the proposed activity.
- Description of feasible alternatives that have been identified.
- Identification of potential significant positive and negative environmental (biophysical and social) impacts.
- Undertaking of a fully inclusive public participation process to ensure that Interested and Affected Party (I&AP) issues and concerns are recorded and form part of the ESS and overall EIA process.
- Compilation of an Environmental Scoping Report including Plan of Study for EIA according to Section 28 of GN R.543.

SITE ALTERNATIVES – METHODOLOGY FOR SELECTION & SENSITIVITY ANALYSIS

- A sensitivity mapping exercise was undertaken to identify suitable areas within the study area that could accommodate the ash disposal facility and to pro-actively identify sensitive areas that should ideally be avoided.
- The sensitivity analysis was aimed at integrating the findings of various specialist studies into a single matrix based on standardised impact ratings. The studies included biodiversity, geohydrology, air quality, landfill design, social, hydrology, heritage, visual, surface water; and noise.
- These ratings can be quantified, linked to the spatial component of each attribute, and then displayed thematically.
- The impact ratings utilised for the proposed Matimba ash disposal facility and their associated values are shown in the diagram on the next slide.

SPECIALIST TEAM

SPECIALIST FIELD	SPECIALIST AND ORGANISATION
Soils and Agricultural Potential	Johan van der Waals – Terra Soil Science
Biodiversity Assessment	Riaan Robbeson – Bathusi Environmental Consulting Dewald Kamfer – Faunal Specialists Incorporated
Surface Water Assessment (Wetlands)	Paul da Cruz – Royal HaskoningDHV
Visual Impact Assessment	Paul da Cruz – Royal HaskoningDHV
Air Quality Impact Assessment	Stuart Thompson – Royal HaskoningDHV
Heritage Assessment	Johnny van Schalkwyk – Private
Geohydrology Assessment	Claudia Brites – GCS Water & Environmental Consultants
Hydrology Assessment	Karen King – GCS Water & Environmental Consultants
Social Opinion	Kim Moonsamy – Royal HaskoningDHV
Geology and Geotechnical	Sodhie Naicker – Kai Batta Mineral Industry Consultants
Traffic Impact Assessment	Ivan Reutener – Royal HaskoningDHV
Noise Impact Assessment	Derek Cosijn – Jongens Keet Associates
(Environmental) Engineering Design	Richard Emery – Jeffares and Green (Pty) Ltd

SITE ALTERNATIVES – METHODOLOGY FOR SELECTION & SENSITIVITY ANALYSIS

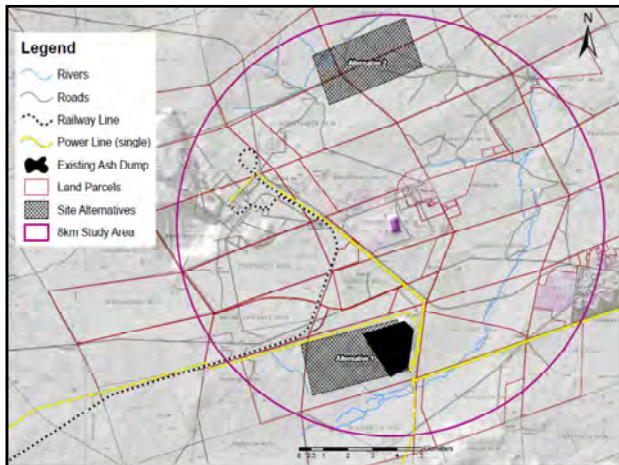
1	Low	Impact insignificant - Preferred area for development
2	Medium	Impact of medium significance – mitigation likely to reduce impact.
3	High	Impact severe – unlikely to be adequately mitigated.
4	Extremely high	Impact extremely severe - area not developable due to inherent fatal flaws.

- Each of the specialists prepared a GIS data layer based on their respective assessments, assigning values to each area mapped out. Due to the variety of specialist areas under investigation, the specialist assessments differed significantly in their ratings, which required cross reference to a numeric, standardised sensitivity score to allow for spatial representation of the consolidated findings.

PROJECT ALTERNATIVES

- No alternatives on ashing strategy as well as transportation of ash
- Two site alternatives are being considered for the construction of the ash disposal facility - these will be further assessed during the EIA phase.
 - Site 1** – is located in the southern section of the 8 km radius, on the farm Zwartwater 507 LQ which is owned by Eskom.
 - Site 2** – is located in the northern section of the 8 km radius study area and straddles four different farms:

Farm	Owner
Vooruit 449 LQ	Exxaro Coal (Pty) Ltd
Droogeheuvel 447 LQ	Triple M Game Ranch
Ganzeban 446 LQ	Susara Maria Gouws
Appelvlakte 448 LQ portions 0 & 2	Exxaro Coal (Pty) Ltd
Appelvlakte 448 LQ Portion 1	Lephalale Local Municipality



PROJECT ALTERNATIVES (Cont)

Two layout alternatives are being considered for the proposed ash disposal facility:

- i. **Extending the Existing Ash Disposal Facility (Site 1)**
 - The existing ash disposal facility can be utilized for ash disposal by placing future ash on top of the existing ash pile ("piggy-backing").
 - With this option, minimal new infrastructure will be required to be established.
- ii. **Constructing a New Ash Disposal Facility (Site 2)**
 - This option will require a new ash disposal facility being established to meet the future ashing requirements for the remaining life of the power station.

POTENTIAL IMPACTS

ASPECT	IMPACT
Soils and Agricultural potential	<ul style="list-style-type: none"> ▪ Physical soil disturbance ▪ Contamination due to spillage, leakage, incorrect storage and handling of chemicals, fuel e.g. oil ▪ Soil erosion and degradation ▪ Dust generation ▪ Soil removal will impact on the land use
Biodiversity	<ul style="list-style-type: none"> ▪ Direct impacts on: <ul style="list-style-type: none"> ✓ threatened flora species ✓ protected flora species ✓ threatened faunal taxa ✓ common fauna species/ faunal assemblages (including migration patterns, corridors, etc)

POTENTIAL IMPACTS

ASPECT	IMPACT
Biodiversity	<ul style="list-style-type: none"> ▪ Indirect impacts on surrounding habitat / species and ecosystem functioning ▪ Loss of degradation of natural vegetation / sensitive habitat ▪ Human –animal conflicts
Surface water (wetlands)	<ul style="list-style-type: none"> ▪ Loss of riparian and aquatic habitat within the affected reach of the surface water feature ▪ Obstruction of water movement due to formation of physical barriers thus affecting biota ▪ Pollution of water by substances such as chemicals and ash
Visual	<ul style="list-style-type: none"> ▪ Creation of visual exposure to sensitive areas that are currently unaffected or partly affected

POTENTIAL IMPACTS

ASPECT	IMPACT
Air Quality	<ul style="list-style-type: none"> ▪ Dust generation from activities <ul style="list-style-type: none"> ✓ site preparation ✓ road building ✓ ash transport
Geohydrology / Hydrogeology	<ul style="list-style-type: none"> ▪ Pollution of groundwater resources by: <ul style="list-style-type: none"> ✓ Ash water return dams ✓ Fuel, chemicals used in the running / maintenance of equipment ✓ Ash that is disposed of at the facility ✓ Matimba Power Station operations ✓ Existing ash disposal facility
Hydrology	<ul style="list-style-type: none"> ▪ Deterioration of the Sandloop River water quality due to seepage or overland storm water flows

POTENTIAL IMPACTS

ASPECT	IMPACT
Hydrology	<ul style="list-style-type: none"> ▪ Deterioration of the Sandloop River water quality due to seepage or overland storm water flows ▪ Minimal stream flow reductions could potentially occur ▪ Spillages from substances such as oil could be transported to the Sandloop River causing pollution ▪ Disturbance of the soil surface could cause increased run off leading to transport of contaminants to downstream users
Social	<ul style="list-style-type: none"> ▪ Impact on health due to exposure to airborne ash which could lead to increased respiratory and cardiac disease ▪ Potential accidents at the facility and surrounding areas due to dust storms which reduce visibility especially in the windy season

POTENTIAL IMPACTS

ASPECT	IMPACT
Social	<ul style="list-style-type: none"> Possible creation of minimal employment opportunities Impact on land use (e.g. game reserve, residents and businesses being affected by dust from the ash) HIV / Aids (influx of construction workers)
Noise	<ul style="list-style-type: none"> Noise generation from activities such as: <ul style="list-style-type: none"> Field surveys e.g. borehole drilling, foundation investigations Construction of different components of the ash disposal facilities and use of machinery Operation of the ash facility e.g. movement of the bull dozer, grader, conveyor belt etc

POTENTIAL IMPACTS

ASPECT	IMPACT
Heritage	<ul style="list-style-type: none"> Two important heritage sites were identified in the study area: <ul style="list-style-type: none"> Stone age site on farm Nelsons Kop 464 LQ Mine exploration headgear on farm Eendracht 505 LQ The above heritage sites will not be affected as they do not fall within the footprint of the site alternatives selected for EIA phase assessment
Traffic	<ul style="list-style-type: none"> If the existing ash disposal facility is extended, impact on traffic will be minimal e.g. transport of facility components such as lining material etc.

POTENTIAL IMPACTS

ASPECT	IMPACT
Traffic	<ul style="list-style-type: none"> If a new ash disposal facility is constructed, the impact on roads and traffic will be localized during construction e.g. establishment of the conveyor system and access roads etc.

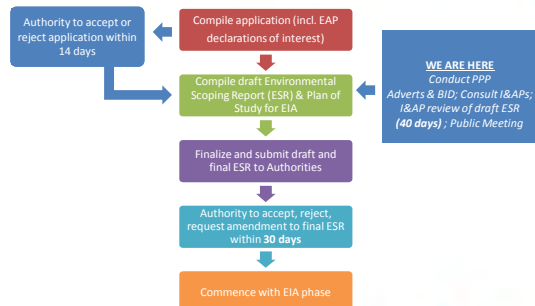
RECOMMENDATIONS

- Two (2) site alternatives will be assessed in the EIA phase.
- Design alternatives will also be considered during the EIA phase
- The above-mentioned specialist studies will be conducted in detail during the EIA phase.

PUBLIC PARTICIPATION PROCESS

- What is PPP?
 - A communication tool to inform I&APs of the proposed project
 - A tool to receive and integrate the comments of the I&APs into the relevant phases of the proposed project
- What PPP is Not?
 - Not a Public Relations or Marketing exercise.
 - Not a means to satisfy grievances – rather to record comments
- Role of I&APs during the EIA process
 - Raise issues and/or concerns as well as provide input on the proposed development
 - Review of the Scoping report
 - Provide the above inputs within the specific timeframes
- All comments received are highly appreciated

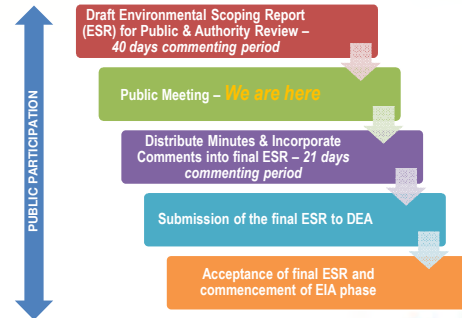
PUBLIC PARTICIPATION (PP) ROADMAP



PUBLIC PARTICIPATION PROCESS

- The draft ESR hard copy is available in public places for review from 29 April 2013 to 9 June 2013.
- i. *Offices of Matimba Power Station (Nelson Mandela Drive, Lephalale) – contact person – Ms. Tshifhiwa Matamela*
- ii. *Lephalale Public Library (Lephalale Municipality offices, corner Joe Slovo & Douwater Roads) - The Librarian*
- iii. *Marapong Community Library (1456 Setlhora Street, Marapong) – The Librarian*
- iv. *Manketti Lodge (Mogol road, Lephalale) – Mr. Marius Fuls*
- v. *Office of Royal HaskoningDHV (78 Kalkoen Street, Monument Park, Pretoria) – Ms. Phyllis Kalele*

WAY FORWARD



DISCUSSION SESSION

Contact Details:

Royal HaskoningDHV
Phyllis Kalele
Tel: 012 367 5800
Fax: 012 367 5878
E-mail: phyllis.kalele@rhdhv.com
Postal: PO Box 25302, Monument Park, 0105, Pretoria

Thank You!

**ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED
CONTINUOUS ASH DISPOSAL FACILITY FOR MATIMBA POWER
STATION IN LEPHALALE, LIMPOPO**

MINUTES OF THE PUBLIC MEETING

HELD ON

TUESDAY, 28 MAY 2013

AT 17H00

AT

MOGOL CLUB, LEPHALALE

ENQUIRIES

ROYAL HASKONINGDHV (RHDHV):

Phyllis Kalele

PO Box 25302, Monument Park, 0105

Tel.: (012) 367 5916

Fax: (012) 367 5878

E-mail: phyllis.kalele@rhdhv.com

COMMENTS

Your comments on this document would be greatly appreciated. In particular, we request you to verify that your comments during the meeting have been minuted correctly. Please address your written comments to Phyllis Kalele at the address given above by no later than **13 June 2013**. However, please note that the minutes are not verbatim.

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1. WELCOME AND INTRODUCTION

Phyllis Kalele opened the meeting by welcoming everyone present and asked all the attendees to introduce themselves and make sure that they sign the attendance register.

IN ATTENDANCE

Filomaine Swanepoel (FS) – Exxaro Coal (Waterberg Region)
Johan van Rooyen (JvR) – Private landowner
L van Rooyen (LvR)- Private landowner
Tobile Bokwe (TB) – Eskom (Environmental Management)
Phuluso Masiagwala (PM) - Eskom (Matimba Power Station)
Mpolokeng Mampane (MMA) – Eskom (Matimba Technical Engineering)
Mpho Muswubi (MMu) - Eskom (Environmental Management)
Tshifhiwa Matamela (TM) - Eskom (Matimba Power Station)
Fulufhelo Tshikhudo (FT) – Eskom (Matimba Power Station)
Johan Blignaut (JB) – RHDHV
Hope Mokolane (HM) - RHDHV
Phyllis Kalele (PK) – RHDHV

The attendance register is attached under **Annexure A**.

2. PURPOSE OF THE MEETING

PK briefly explained that the purpose of the meeting was to:

- a) Provide Interested and Affected Parties (I&APs) with information regarding the proposed project;
- b) Provide an overview of the Environmental Impact Assessment (EIA) and Public Participation (PP) Process being followed for the proposed project;
- c) Provide an opportunity for I&APs to seek clarity and provide input into the project;
- d) To record comments raised and include them in the Environmental Scoping Report; and the EIA process going forward.
- e) Interact with the project team.

3. PRESENTATION

PK handed over the meeting to MMA who provided the technical overview of the project. This encompassed:

- a) A background of the project
- b) Project need and desirability
- c) Project description
- d) Challenges experienced on the existing ash disposal facility

A copy of this presentation is attached under **Appendix B**.

PK then continued giving the presentation which covered the following:

- a) The study area demarcated for the proposed activities.
- b) Environmental Legislation - PK explained that in order to comply with legislation, an Integrated Environmental Authorization (EIA) process is being undertaken. This is because a Waste Management License (WML) and an Environmental Authorization (EA) are required for the proposed ash disposal facility. The Department of Environmental Affairs (DEA) is the Competent Authority to issue a decision for the project.
- c) The EIA process which comprises of an Environmental Scoping Study (ESS) including site screening; EIA phase including the Environmental Management Programme (EMPr) and decision from the Competent Authority (to issue a decision)).
- d) Aims of the ESS which include:
 - Description of the proposed activity
 - Description of feasible alternatives; for this project two site alternatives and layout alternatives have been identified.
 - Identification of potential significant positive and negative environmental (biophysical and social) impacts
 - Compilation of the Environmental Scoping Report (ESR) including a Plan of Study for the EIA
 - Recommendations for the project
 - Public Participation Process
- e) Site alternatives – PK explained the methodology that was used to identify the two site alternatives selected (Site 1 is on the farm Zwartwater 507 LQ on which the existing ash disposal facility is located while Site 2 straddles portions of four farms namely Vooruit 449 LQ, Droogeheuvel 447LQ, Ganzepan 446 LQ, Appelvlakte 448 LQ). All the landowners have been notified of the proposed project.
- f) Specialist studies being conducted.
- g) Potential impacts that have been identified.
- h) Recommendations from the ESS process.
- i) Public Participation activities that have been undertaken to date.

PK emphasized that the draft Environmental Scoping Report (ESR) was available for comment from **29 April 2013** until **9 June 2013** and hard copies of the report are available at the following venues:

- Offices of Matimba Power Station
- Lephalale Public Library
- Marapong Community Library
- Manketti Lodge
- Offices of RHDHV

The reports can also be downloaded from:

- *Royal HaskoningDHV website* (<http://www.rhdhv.co.za/pages/services/environmental/current-projects.php>)
- *Eskom Holdings SOC (Ltd) website* (www.eskom.co.za/eia/matimba continuous ash disposal)

- j) The way forward for the EIA process. The immediate next steps in the project will be compilation of the minutes of the meeting and distribution to attendees. Thereafter, the comments received will be

incorporated into the Final Scoping Report (FSR) which will then be submitted to DEA and also made available to IAPs for review and comment for a further 21 days. The FSR will be available at the same venues as the DSR.

A copy of this presentation is attached under **Annexure C**.

4. DISCUSSION SESSION

JvR: Is the existing ash disposal site lined underneath and if not, why not?

MMa: No, the ash disposal facility was constructed in the 1980's and there was no legislation providing guidelines on how the ash disposal facility should be designed, Eskom was therefore not compelled to line the site. However, the proposed new ash disposal facility will be lined as per the environmental law requirements.

FS: The ash disposal site is sealed on the edges to capture any run-off from the ash pile and seepage of groundwater at the toe of the ash pile.

TB: The ash disposal facility does have seepage management measures to control groundwater contamination seeing that the groundwater is shallow. The difference between the existing and the proposed facility is that the latter will have to be lined as per the Department of Water Affairs requirements. Even though there was no legislation requiring lining of the facilities, Eskom implemented some Duty of Care principles in these facilities, in order to minimize impacts on the environment.

FS: According to Exxaro's records, the entire farm Appelvlakte 448 LQ was bought out by Exxaro.

PK: According to the deeds website records, portion 1 of farm Appelvlakte 448 LQ is owned by the Lephalale Local Municipality. However, we shall double check and send you the deed records of the farm.

FS: Is it preferred to establish the proposed ash disposal facility on site alternative 1, where the existing facility is located?

TB: This will be confirmed after completion of the EIA studies which will assess which of the 2 alternative sites has the least environmental impact. One site will be recommended as preferred once the EIA studies are completed.

JvR: As per the description on the new ash disposal facility (site 2) under slide 20, does it mean the license that is being applied for is for ash disposal for the remaining life of the power station? If site 1 is completely covered will ashing then commence on site 2?

TB: Site 2 is being considered as an alternative for the establishment of the ash disposal facility and that does not mean that in future this site will be utilized for ashing. The EIA process requires the assessment of feasible alternatives and site 2 was selected as an alternative for the same function for which site 1 is also being assessed. One site will be recommended/ preferred for the establishment of the ash disposal facility once the EIA studies are complete.

FS: It has been mentioned that during site selection, all the specialist studies were integrated and each of the sites was rated. Have the two site alternatives been rated as having a high, medium or low environmental impact?

PK: At this Scoping phase, only potential impacts have been identified. Further discussion and rating of these impacts will be undertaken during the EIA phase. The rating that was used during site screening is specifically for GIS mapping purposes and tied to environmental aspects.

TB: Site screening first identifies fatal flaws and then determines the potential feasible alternatives and their preference ranking and does not necessarily conclude that one is ideal or it will not be impacted upon. During the EIA phase, the significance of the impacts is determined and mitigation measures proposed if applicable.

FS: Thus, it means that at this stage the feasibility of the available sites has been determined and detailed specialist studies on the selected sites will be conducted during the EIA phase.

JvR: Has the assessment of the impacts been done yet and will the findings be revealed at a public meeting?

PK: This will be conducted during the EIA phase and a public meeting will be held during the draft EIA report public review period. The reports generated will also be made available for public reviewing.

JvR: Why hasn't backfilling of the mining pits at the Grootegeeluk mine been considered as an alternative for the disposal of ash?

TB: One of the main purposes of the PP process is to get input from I&APs; this comment will be recorded and acted upon.

JvR: Studies have been done previously for the proposed project and a public meeting was conducted. The same sites were identified.

TM: Do you mean that a presentation was done before for the proposed project?

TB: Were the studies and public meetings conducted for the Matimba Power Station, or for the proposed two coal-fired power stations (Coal 3 or Coal 4)? Some EIA studies have previously been conducted for projects in the Lephalale area such as Medupi Power Station in 2005. Thereafter, studies were done for two Coal fired-power stations in Lephalale area. This public meeting is specifically for an ash disposal facility for the Matimba Power Station and no meetings have been held before.

JvR: How come EIA studies were not done for the Matimba Power Station and yet the studies have been / are being conducted for other Power Station projects?

TB: As explained before, the Matimba Power Station was constructed before any Environmental Laws came into force and thus no studies were required to be conducted. Despite this, Eskom put systems in place to minimize impacts on environment.

JvR: A public meeting will need to be held to explain to I&APs impacts on the environment as a result of the proposed ash disposal facility and which site is recommended. We owe it to the environment to undertake the activities responsibly and sustainably, thus the option of backfilling of the mining pits at Grootegeeluk needs to be considered.

TB: The team is aware of the option of backfilling the pits at the mine with the ash and the extensive research that has been undertaken. This study was commissioned when Eskom applied for an Environmental

Authorization (EA) for Medupi Power Station in which the Department of Environmental Affairs (DEA) would not grant an EA for on-site ashing, until such investigation was made. The option of backfilling the mine pits was considered and the main challenge encountered was whether Eskom or Exxaro would take liability for any groundwater pollution effected by the ash disposal.

FS: Another study was conducted and it revealed that mixing ash with the discarded material and disposing it in the pits is not recommended. Another alternative was suggested whereby the ash should be used to layer the mine pits and for this a waste management license will need to be applied for. However, the issue of who takes responsibility for the activity will still need to be resolved.

TB: The option of backfilling the mine pits is an innovative idea but at the same time it needs to be not only technically feasible but also environmentally sustainable in terms of potential impacts that might arise and what it will cost to implement it.

FS: Depending on the site that is finally selected, will an additional EIA be conducted to assess the impacts of the overland conveyor system on site alternative 2 or will it be part of this ongoing exercise?

TB: It will be conducted as part of the current EIA study. In addition, this will be done after the location of the footprint of the facility has been agreed upon. A corridor that is wide enough to allow alternatives and deviations to the facility will be catered for and all sensitive areas will be identified and considered. Cumulative impacts of the entire facility will be identified. The assessment of impacts will encompass both options of extending the existing ash disposal facility and establishing a brand new facility, depending on recommended site.

TB: The draft ESR is also available on the Eskom website for ease of access (www.eskom.co.za/eia/matimba continuous ash disposal).

PK: The draft ESR is also available on the RHDHV website (<http://www.rhdhv.co.za/pages/services/environmental/current-projects.php>)

5. POST MEETING NOTE

On perusal of the deeds records, RHDHV established that the farm Appelvlakte 448 LQ portion 1 indeed belongs to Exxaro Coal (Pty) Ltd and not Lephalale Local Municipality.

6. CLOSURE AND WAY FORWARD

PK informed the attendees that they can contact her using any of the provided methods if they have further questions or comments. In addition, PK mentioned that the minutes of the meeting will be prepared and distributed to those who attended the meeting.

PK thanked everyone for their attention and attending the meeting. The meeting closed at 18h00.



ANNEXURE A
ATTENDANCE REGISTER





**EIA FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION, LEPHALALE
ATTENDANCE REGISTER**





PUBLIC MEETING

MOGOL CLUB

28 MAY 2013

NAME & SURNAME	ORGANISATION	CONTACT INFORMATION	SIGNATURE
FILORAINE SWANGPOEL	Exxaro Coal - Waterberg Region	TEL 014 763 9288	
		FAX	
		MOBILE 083 662 1104	
		E-MAIL filoraine.swangpoel@exxaro.co.za	
TORGILE BOKWÉ	ESKOM	TEL: 011 800 2303	
		FAX 086 663 2051	
		MOBILE: 082 828 1777	
		E-MAIL Bokwette@eskom.co.za	
Mpho Muswylbi	ESKOM	TEL 011 200 7346	
		FAX 086 665 2585	
		MOBILE 082 593 3339	
		EMAIL: Mpho-Muswylbi@eskom.co.za	

NAME & SURNAME	ORGANISATION	CONTACT INFORMATION	SIGNATURE
Phuliso Masiagwala	Environmental management ESKOM	TEL 014 763 8529 FAX - MOBILE 072 200 6594 E-MAIL Masiagp@eskom.co.za	
Tshiphiwa Matimela	ESKOM Matimela	TEL 014 763 8084 FAX 014 763 800 MOBILE 079 748 4296 E-MAIL Matimela@eskom.co.za	
Mpolokeng Mampane	ESKOM - MATIMBA	TEL 014 763 8522 FAX 086 218 3510 MOBILE 082 657 3690 E-MAIL MAMPANML@eskom.co.za	
Johan v. Raayen L. v. Raayen	EXXARST Boer-private	TEL 083 304 7063 FAX - MOBILE 083 304 7063 E-MAIL johan.vraayen@exxarst.co.za	

NAME & SURNAME	ORGANISATION	CONTACT INFORMATION	SIGNATURE
Hope Mokolane	RHDHV	TEL 011 798 6434 FAX - 011 798 6005 MOBILE 071 899 6835 E-MAIL hope.mokolane@rhdhv.com	
Johan Blignaut	RHDHV	TEL FAX MOBILE 072 269 8227 E-MAIL johan.blignaut@rhdhv.com	
F. Bhikuni	Eskom	TEL 014 763 8038 FAX MOBILE E-MAIL Ishir HF@eskom.co.za	
PHYLLIS KALELE	RHDHV	TEL 012 367 5916 FAX 012 367 5878 MOBILE 072 863 6972 E-MAIL PHYLLIS.KALELE@RHDHV.COM	

ANNEXURE B

PRESENTATION - ESKOM TECHNICAL OVERVIEW OF THE PROJECT

ANNEXURE C

PRESENTATION-RHDHV ENVIRONMENTAL

APPENDIX C9

**PROOF OF DRAFT ESR SUBMISSION TO STATE
ORGANS**



Shipment Receipt

Shipment From

SSI Engineers & Enviromental
Pauline Tshoba (Phyllis Kalele)
Fountain Square
78 Kalkoen Street
Monument Park Ext 2
Pretoria
Gauteng
South Africa 0181

Shipment To

Department Of Minerals resources
Aaron kharivhe
The Regional Manager
101 Dorp Street
Polokwane
POLOKWANE NORTH
Limpopo
South Africa 0699

Shipment Details

Shipment Date : 22-05-2013
Waybill Number : 7257381180
Service Type : DOMESTIC EXPRESS
Packaging Type : DHL Flyer
Number of Pieces : 1
Total Weight : 0.5 kgs
Dimensional Weight: 0.4 kgs
Chargeable Weight : 0.5 kgs
Insured Amount : N/A

International Information

Declared Value : 0.50 ZAR
Duties and Taxes : N/A
Dutiable Status
Non-Dutiable
Estimated Charge : 140.05 ZAR

Billing Information

DHL Account : 305075789

Reference Information

Reference : E02.JNB.001222

Description of Contents

1 Document



Shipment Receipt

Shipment From

SSI Engineers & Environmental
Phyllis Kalele
Fountain Square
78 Kalkoen Street
Monument Park Ext 2
Pretoria
Gauteng
South Africa 0181

Shipment To

Lephalale
The Manager of Community Services
Corner Joe Slovo & Douwater Roads
Lephalale

LEPHALALE
Limpopo
South Africa 0555

Shipment Details

Shipment Date : 25-04-2013
Waybill Number : 7978286853
Service Type : DOMESTIC EXPRESS
Packaging Type : DHL Flyer
Number of Pieces : 1
Total Weight : 0.5 kgs
Dimensional Weight: 0.4 kgs
Chargeable Weight : 0.5 kgs
Insured Amount : N/A

Billing Information

DHL Account : 305075789

International Information

Declared Value : 0.50 ZAR
Duties and Taxes : N/A
Dutiable Status
Non-Dutiable
Estimated Charge : 275.77 ZAR

Reference Information

Reference : E02.JNB.001222

Description of Contents

1 x Document

PR 151CE
DLA



Shipment Receipt

Shipment From

SSI Engineers & Enviromental
Phyllis kalele
Fountain Square
78 Kalkoen Street
Monument Park Ext 2
Pretoria
Gauteng
South Africa 0181

Shipment To

LDEDET
The Director
Environmental Management Department
20 Hans van Rensburg Street
19 Biccard Street
POLOKWANE NORTH
Limpopo
South Africa 0699

Shipment Details

Shipment Date : 25-04-2013
Waybill Number : 7978243895
Service Type : DOMESTIC EXPRESS
Packaging Type : DHL Flyer
Number of Pieces : 1
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Dimensional Weight : 0.4 kgs
Chargeable Weight : 0.5 kgs
Insured Amount : N/A

International Information

Declared Value : 0.50 ZAR
Duties and Taxes : N/A
Dutiable Status
Non-Dutiable
Estimated Charge : 141.25 ZAR

Billing Information

DHL Account : 305075789

Reference Information

Reference : E02.JNB.001222

Description of Contents

1 x Document

PRINCE
DIR



Shipment Receipt

Shipment From

SSI Engineers & Enviromental
Phyllis Kalele
Fountain Square
78 Kalkoen Street
Monument Park Ext 2
Pretoria
Gauteng
South Africa 0181

Shipment To

Department of Water Affairs
The Chief Director
Ezmo Building
49 General Joubert Street
Corner Church & Thabo Mbeki Street
POLOKWANE NORTH
Limpopo
South Africa 0699

Shipment Details

Shipment Date : 25-04-2013
Waybill Number : 7978280925
Service Type : DOMESTIC EXPRESS
Packaging Type : DHL Flyer
Number of Pieces : 1
Total Weight : 0.5 kgs
Dimensional Weight: 0.4 kgs
Chargeable Weight : 0.5 kgs
Insured Amount : N/A

Billing Information

DHL Account : 305075789

Reference Information

Reference : E02.JNB.001222

Description of Contents

1 x Document

International Information

Declared Value : 0.50 ZAR
Duties and Taxes : N/A

Dutiable Status

Non-Dutiable
Estimated Charge : 141.25 ZAR

PRITICE
DHL



Shipment Receipt

Shipment From

SSI Engineers & Enviromental
Phyllis Kalele
Fountain Square
78 Kalkoen Street
Monument Park Ext 2
Pretoria
Gauteng
South Africa 0181

Shipment To

Waterberg District Municipality
Lily Mokonyane
Harry Gwala Street
Modimolle

MODIMOLLE
Limpopo
South Africa 0510

Shipment Details

Shipment Date : 25-04-2013
Waybill Number : 7978236803
Service Type : DOMESTIC EXPRESS
Packaging Type : DHL Flyer
Number of Pieces : 1
Total Weight : 0.5 kgs
Dimensional Weight: 0.4 kgs
Chargeable Weight : 0.5 kgs
Insured Amount : N/A

Billing Information

DHL Account : 305075789

Reference Information

Reference : E02.JNB.001222

Description of Contents

1 x Document

International Information

Declared Value : 0.50 ZAR
Duties and Taxes : N/A
Dutiable Status
Non-Dutiable
Estimated Charge : 275.77 ZAR

PRICE
DIT

APPENDIX C10

ISSUES TRAIL

ENVIRONMENTAL IMPACT ASSESSMENT STUDY

ISSUES TRAIL

**THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION IN
LEPHALALE, LIMPOPO PROVINCE**

DEA REF: 14/12/16/3/3/3/56

JULY 2013

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1. EIA STUDY

ISSUE/COMMENT	RAISED BY	RESPONSE
<ol style="list-style-type: none"> Concerns regarding cumulative impacts. Is it preferred to establish the proposed ash disposal facility on site alternative 1, where the existing facility is located? It was mentioned that during site selection, all the specialist studies were integrated and each of the sites was rated. Have the two site alternatives been rated as having a high, medium or low environmental impact? A study was conducted and it revealed that mixing ash with the discarded material and disposing it in the pits is not recommended. Another alternative was suggested whereby the ash should be used to layer the mine pits and for this a waste management license will need to be applied for. However, the issue of who takes responsibility for the activity will still need to be resolved. Depending on the site that is finally selected, will an additional EIA be conducted to assess the impacts of the overland conveyor system on site alternative 2 or will it be part of this ongoing exercise? 	<p>Filomaine Swanepoel Environmental Specialist Exxaro Coal (Waterberg region) Tel: 014 763 9288 Email: filomaine.swanepoel@exxaro.com Received: 28 May 2013</p>	<ol style="list-style-type: none"> At this stage, an Environmental Scoping Study (ESS) has been conducted and an Environmental Scoping Report (ESR) has been compiled for the proposed ash disposal facility and potential positive and negative impacts have been identified. During the next phase of the study i.e. Environmental Impact Assessment (EIA) study, these impacts including any cumulative impacts identified will be rated according to nature, extent, duration, intensity, probability and significance. The assessment of impacts will encompass both options of extending the existing ash disposal facility and establishing another facility, depending on recommended site. An Environmental Management Programme (EMPr) will be compiled that will provide actions for the management of identified impacts emanating from the project. This will be confirmed after completion of the EIA studies which will assess which of the 2 site alternatives has the least environmental impact. Thereafter, one site will be recommended as the preferred. At this Scoping phase, only potential impacts have been identified. Further discussion and rating of these impacts will be undertaken during the EIA phase. The rating that was used during site screening is specifically for GIS mapping purposes and tied to environmental aspects. Site screening first identifies fatal flaws and then determines the potential feasible alternatives and their preference ranking and does not necessarily conclude that one is ideal or it will not be impacted upon. During the EIA phase, the significance of the impacts will be determined and mitigation measures proposed. The option of backfilling the mine pit is an innovative idea but at the same time it needs to be not only technically feasible but also environmentally sustainable in terms of potential impacts that might arise and what it will cost to implement it. The option was considered and found that it is not environmentally sustainable because of negative environmental impacts e.g. increase in elements such as Boron, Mercury and Arsenic in the ground water; increased acidity in the seepage due to Acid Rock Drainage and increase in salt loads in the water in the mine pit. Therefore, this option will not be pursued and assessed further in this study. The impacts of an overland conveyor on site alternative 2 will be conducted as part of the current EIA study. A corridor that is wide enough to allow alternatives and deviations to the

ISSUE/COMMENT	RAISED BY	RESPONSE
		facility will be catered for and all sensitive areas will be identified and considered.
1. Main interest is a description of environmental issues and potential impacts on the surrounding area.	Tshiala Raluthaga Private Tel: 073 151 4654 Email: tsraluthaga@gmail.com Received: 20 May 2013	1. At this stage, an ESS has been conducted and an ESR has been compiled for the proposed ash disposal facility and potential positive and negative impacts have been identified. During the next phase of the study i.e. Environmental Impact Assessment (EIA) study, these impacts including any cumulative impacts identified will be rated according to nature, extent, duration, intensity, probability and significance. The assessment of impacts will encompass both options of extending the existing ash disposal facility and establishing a new facility, depending on recommended site. An EMPr will be compiled that will provide actions for the management of identified impacts emanating from the project.
1. Why hasn't backfilling of the mining pits at the Grootegeluk mine been considered as an alternative for the disposal of ash? We owe it to the environment to undertake the activities responsibly and sustainably, thus the option of backfilling of the mining pits at Grootegeluk needs to be considered.	Johannes van Rooyen Owner: Farm Kalkfontein Tel: 083 304 7063 Email: johan.vrooyen@exxaro.com Received: 15 April and 28 May 2013	1. One of the main purposes of the PP process is to get input from I&APs. The Eskom team is aware of the option of backfilling the pit at the Grootegeluk mine with the ash and that extensive research that has been undertaken. This study was commissioned when Eskom applied for an Environmental Authorisation for Medupi Power Station in which the Department of Environmental Affairs (DEA) would not grant a license for on-site ashing, until such investigations were made.
2. Eskom also owns two (2) farms on the north-eastern side of Matimba Power Station but due to the town development, in Marapong and near the Sandloop River the proposed facility should not be considered to be placed on the side of Marapong.		The option of backfilling the mine pit was considered and the main challenge encountered was a high risk of ground water pollution resulting from the in-pit ash disposal and liability.
3. Does it mean that the license being applied for is for ash disposal for the remaining life of the power station? If site 1 is completely covered will ashing then commence on site 2?		The report on the feasibility studies conducted on backfilling the Grootegeluk colliery mine pit has been considered. The findings and recommendations have been incorporated into the final Environmental Scoping Report under Chapter 4 (Project Alternatives). However, this option will not be pursued and assessed further for the proposed ash disposal facility.
4. Has the assessment of the impacts been done yet and will the findings be revealed at a public meeting?		2. The two (2) Eskom owned farms on the north-eastern side of the Matimba Power Station are not under consideration for the proposed ash disposal facility. They were not identified in the process of site identification undertaken.
5. Studies have been done previously for the proposed project and a public meeting was conducted. The same sites were identified.		3. Site 2 is being considered as an alternative for the establishment of an ash disposal facility and that does not necessarily mean that in future this site will be utilized for ashing. The EIA process requires the assessment of feasible alternatives and site 2 was selected as an alternative for an ash disposal facility and for which site 1 is also being assessed. One site will be recommended for the ash disposal facility once the EIA studies are complete.
6. How come EIA studies were not done for the Matimba Power Station and yet the studies have been / are being conducted for other Power Station projects?		
7. A public meeting will need to be held to explain to I&APs impacts on the environment as a result of the proposed ash		4. At this stage, an ESS has been conducted and an ESR has been compiled for the proposed ash disposal facility and potential positive and negative impacts have been

ISSUE/COMMENT	RAISED BY	RESPONSE
disposal facility and which site is recommended.		<p>identified. During the next phase of the study i.e. EIA study, these impacts including any cumulative impacts identified will be rated according to nature, extent, duration, intensity, probability and significance. The assessment of impacts will encompass both options of extending the existing ash disposal facility and establishing another facility, depending on the recommended site.</p> <p>A public meeting will be held during the draft EIA report public review period; notifications will be sent to I&APs informing them about the details of the meeting. The reports compiled will also be made available for public perusal and comment.</p> <p>5. Some EIA studies have previously been conducted for projects in the Lephalale area such as Medupi Power Station in 2005. Thereafter, studies were conducted for two coal fired-power stations in the Lephalale area. This public meeting is specifically for an ash disposal facility for the Matimba Power Station and no meetings have been held before.</p> <p>6. The Matimba Power Station was commissioned in the 1980s before any environmental laws came into force and thus no studies were required to be conducted. Despite this, Eskom put systems in place to minimize impacts on environment.</p> <p>7. A public meeting will be held during the draft EIA report public review period; notifications will be sent to I&APs informing them about the details of the meeting. The reports compiled will also be made available for public perusal and comment.</p>
<ol style="list-style-type: none"> 1. Environmental impact on natural ecosystems functioning, landscapes and biodiversity. Specifically impacts related to Exxaro's Manketti Game Reserve. 2. Establishing the proposed off-sets for the project. Off-sets envisaged on a species, ecosystem and landscape scale; he can be of assistance. 3. Rehabilitation potential and plans. 	<p>Marius Fuls Research Manager Exxaro: Ferroland Wildlife Tel: 083 305 3104 Email: marius.fuls@exxaro.com Received: 15 April 2013</p>	<ol style="list-style-type: none"> 1. A number of potential impacts on biodiversity have been identified during this ESS phase which may occur as a result of the proposed project. Therefore, a detailed biodiversity assessment of the study area will be undertaken in the EIA study phase in order to adequately assess the potential impacts and recommend appropriate mitigation measures. 2. The appointed biodiversity specialists (Bathusi Environmental Consulting and Fauna Specialists Incorporated) have been provided with the contact details of the I&AP-Marius Fuls. 3. A draft EMPr will be compiled that will provide actions for the management of identified impacts emanating from the project. This EMPr will also take Eskom's rehabilitation processes into consideration, as Eskom continuously rehabilitates the ash disposal facilities.

ISSUE/COMMENT	RAISED BY	RESPONSE
<p>1. Exxaro proposes that the alternative of disposing the Matimba ash into the Grootegeluk pit be investigated.</p> <ul style="list-style-type: none"> During 2006, Eskom and Exxaro jointly appointed consultants to conduct a study for ash disposal from the Medupi Power Station into the Grootegeluk pit. It was concluded that the Grootegeluk pit was not advanced sufficiently at that stage to take the Medupi ash into the pit. The Grootegeluk pit has in the meantime advanced considerably making the disposal of Matimba ash into the Grootegeluk pit in the near future a real possibility. Exxaro thus proposes that the disposal of Matimba ash into the Grootegeluk pit be considered as an alternative to on-surface ash disposal. All reports of the previous studies are available from the Eskom Megawatt Park offices. 	<p>JL Wepener General Manager Waterberg Region Exxaro Coal Tel: 014 763 9322 Email: Wolfie.jahn@exxaro.com Received: 6 June 2013</p>	<p>1. The Eskom team is aware of the option of backfilling the pit at the Grootegeluk mine with the ash and that extensive research that has been undertaken. This study was commissioned when Eskom applied for an Environmental Authorisation for Medupi Power Station in which the Department of Environmental Affairs (DEA) would not grant a license for on-site ashing, until such investigations were made. The option of backfilling the mine pit was considered and the main challenge encountered was a high risk of ground water pollution caused by the ash disposal and the liability.</p> <p>The report on the feasibility studies conducted on backfilling the Grootegeluk colliery mine pit has been considered. The findings and recommendations have been incorporated into the final Environmental Scoping Report under Chapter 4 (Project Alternatives). However, this option will not be pursued and assessed further for the proposed ash disposal facility</p>
<p>1. Is the Eskom environmental team aware of discussions that were being undertaken between Eskom and Exxaro to dispose of the ash into the mining pits at the Grootegeluk mine? Studies for this option have already been undertaken and the contact details of the relevant Exxaro officials are available from whom detailed information can be obtained. This option can be included as an additional alternative to be assessed in the EIA.</p> <p>2. What are the timeframes for the proposed project?</p> <p>3. Will the findings of the specialist studies be distributed?</p>	<p>Johannes Molepo Exxaro: Ferroland Wildlife Tel: 082 269 6334 Email: Johannes.molepo@exxaro.com Received: 28 May 2013</p>	<p>1. The Eskom environmental team is aware of the option of backfilling the pits at the Grootegeluk mine with the ash and that extensive research that has been undertaken. This study was commissioned when Eskom applied for an Environmental Authorisation for Medupi Power Station in which the Department of Environmental Affairs (DEA) would not grant a license for on-site ashing, until such investigations were made. The option of backfilling the mine pit was considered and the main challenge encountered was a high risk of ground water pollution caused by the ash disposal and the liability.</p> <p>The report has been considered on the feasibility studies conducted on backfilling the Grootegeluk colliery mine pits. The findings and recommendation have been incorporated into the final Environmental Scoping Report under Chapter 4 (Project Alternatives).</p> <p>2. After the draft ESR public review period is completed, the scoping report will be finalized and submitted to DEA for review and decision making (the DEA has 14 days to acknowledge receipt of the final ESR and 30 days to reject or accept the final ESR). The final ESR will also be made available to I&APs for further review and comment for 21 days (the comments are sent directly to DEA and a copy provided to the Environmental Assessment Practitioner i.e. RHDHV).</p>

ISSUE/COMMENT	RAISED BY	RESPONSE
		<p>The EIA phase can only commence once the final ESR has been accepted by DEA and it will involve the compilation of an EIA report (including the findings of the detailed specialist studies) and an EMP. These reports go through a public review period again.</p> <p>3. The findings of the specialist reports will form part of the EIA report; full copies of the specialist reports will be included in the appendices.</p>

2. WATER RESOURCES

ISSUE/COMMENT	RAISED BY	RESPONSE
1. Concern is that proposed project will lead to the contamination of ground water.	<p>Susara Maria Gouws Owner: Farm Ganzepan 446 LQ Tel: 012 567 4646 Email: coeng@gmail.com Received: 14 May 2013</p>	<p>1. Contamination of ground water has been identified as a potential impact in this ESS phase and will be examined in detail in the EIA study phase during which a detailed geo-hydrological assessment will be undertaken. An Environmental Management Programme (EMP) will be compiled that will provide actions for the management of identified ground water impacts emanating from the project.</p> <p>In addition, The design of the ash disposal facility will be undertaken by the appointed Environmental Engineer (Jeffares & Green). The proposed ash disposal facility will have to be designed and constructed as per the following legislation:</p> <ul style="list-style-type: none"> • DWA Minimum Requirements (Trilogy) • GN. R. 614 of 2012 Waste Classification and Management Regulations. • GN. R. 615 of 2012- Standard for Disposal of Waste to Landfill. • GN. 35583 of 2012 - National Waste Information Regulations.
1. Concern is ground water contamination.	<p>Marius Fuls Research Manager Exxaro: Ferroland Wildlife Tel: 083 305 3104 Email: marius.fuls@exxaro.com</p>	<p>1. Contamination of ground water has been identified as a potential impact in this ESS phase and will be examined in detail in the EIA study phase during which a detailed geo-hydrological assessment will be undertaken. A draft Environmental Management Programme (EMP) will be compiled that will provide actions for the management of identified ground water impacts emanating from the project.</p> <p>In addition, The design of the ash disposal facility will be undertaken by the appointed Environmental Engineer (Jeffares & Green). The proposed ash disposal facility will have to be designed and constructed as per the following legislation:</p> <ul style="list-style-type: none"> • DWA Minimum Requirements (Trilogy)

ISSUE/COMMENT	RAISED BY	RESPONSE
		<ul style="list-style-type: none"> • GN. R. 614 of 2012 - Waste Classification and Management Regulations. • GN. R. 615 of 2012 - Standard for Disposal of Waste to Landfill. • GN. R 625 of 2012 - National Waste Information Regulations.

3. HERITAGE

ISSUE/COMMENT	RAISED BY	RESPONSE
<p>1. It is noted in the Draft Environmental Scoping Report a Heritage Impact Assessment will be undertaken for this proposed project. Please note that in addition to the assessment of archaeological and palaeontological resources, any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or views must also be assessed.</p> <p>If the property is very small or disturbed and there is no significant site the heritage specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.</p>	<p>Phillip Hine Heritage Officer SAHRA Tel: 021 462 4502 Email: phine@sahra.org.za Received: 25 May 2013</p>	<p>1. A full phase 1 archaeological survey of the two alternative sites (selected for the proposed ash disposal facility) will be conducted in the EIA phase in accordance with the requirements of Section 38 of the National Heritage Act (No. 25 of 1999).</p>

4. SOCIAL

ISSUE/COMMENT	RAISED BY	RESPONSE
<p>1. Concern is loss of property value to properties adjacent to the area.</p>	<p>Susara Maria Gouws Owner: Farm Ganzepan 446 LQ Tel: 012 567 4646 Email: coeng@gmail.com Received: 14 May 2013</p>	<p>1. During the EIA study phase, a Social Impact Assessment (SIA) study will be conducted and which will identify and assess in detail the social impacts resulting from the proposed ash disposal facility. Management and mitigation measures to address the identified impacts will be recommended. These measures will be formulated to maximize the positive impacts and reduce the extent of the negative impacts.</p>

ISSUE/COMMENT	RAISED BY	RESPONSE
1. Main interest is the negative impact on the environment – i.e. impact on game farming.	Susara Maria Gouws Owner: Farm Ganzepan 446 LQ Tel: 012 567 4646 Email: coeng@gmail.com Received: 14 May 2013	1. One of the potential impacts identified during the ESS study is that the proposed ash disposal facility might have an impact on land uses such as game farming. During the EIA study phase, a Social Impact Assessment (SIA) study will be conducted and which will identify and assess in detail the social impacts resulting from the proposed ash disposal facility. Management and mitigation measures to address the identified impacts will be recommended. These measures will be formulated to maximize the positive impacts and reduce the extent of the negative impacts.

5. AIR

ISSUE/COMMENT	RAISED BY	RESPONSE
1. Concern is the rise of air pollution that will be a health risk.	Susara Maria Gouws Owner: Farm Ganzepan 446 LQ Tel: 012 567 4646 Email: coeng@gmail.com Received: 14 May 2013	1. Health concerns as a result of air pollution from the ash disposal facility have been identified during the ESS phase as a potential impact. During the EIA study phase, a Social Impact Assessment (SIA) study will be conducted and which will identify and assess the social impacts resulting from the proposed ash disposal facility. Management and mitigation measures to address the identified impacts will be recommended. These measures will be formulated to maximize the positive impacts and reduce the extent of the negative impacts. Furthermore, an Air Quality Impact Assessment will be undertaken in the EIA study phase in order to assess in detail the potential air quality impacts and recommend appropriate mitigation measures.
1. Exxaro is not in favour of constructing any new ash disposal facility on their property. The proposed sites are directly in the prevailing wind direction of their existing operations and thus, dust will be a serious problem.	JL Wepener General Manager Waterberg Region Exxaro Coal Tel: 014 763 9322 Email: Wolfie.jahn@exxaro.com Received: 6 June 2013	1. Air pollution as a result of dust generation from the ash disposal facility has been identified during the ESS phase as a potential impact. An Air Quality Impact Assessment will be undertaken in the EIA study phase in order to assess in detail the potential air quality impacts and recommend appropriate mitigation measures.
1. Concern is on the farms Zongesien and / or Peerboom which are just east of Marapong. Wind direction is normally west and cause hygiene and dusty environment leading to health problems.	Johannes van Rooyen Owner: Farm Kalkfontein Tel: 083 304 7063 Email: johan.vrooyen@exxaro.com Received: 15 April 2013	2. Health concerns as a result of air pollution from the ash disposal facility have been identified during the ESS phase as a potential impact. During the EIA study phase, a Social Impact Assessment (SIA) study will be conducted and which will identify and assess the social impacts resulting from the proposed ash disposal facility. Management and mitigation measures to address the identified impacts will be recommended. These measures will be formulated to

ISSUE/COMMENT	RAISED BY	RESPONSE
		maximize the positive impacts and reduce the extent of the negative impacts. Furthermore, an Air Quality Impact Assessment will be undertaken in the EIA study phase in order to assess in detail the potential air quality impacts and recommend appropriate mitigation measures.

6. BIODIVERSITY

ISSUE/COMMENT	RAISED BY	RESPONSE
1. Sandloop River and dams downstream are rich with water bird life such as Fish Eagle and therefore should not be disturbed.	Johannes van Rooyen Owner: Farm Kalkfontein Tel: 083 304 7063 Email: joan.vrooyen@exxaro.com Received: 15 April 2013	1. The occurrence of threatened fauna species such as birds has been noted during the ESS phase and which the proposed project may impact. Therefore, a detailed biodiversity assessment of the study area will be undertaken in the EIA study phase in order to adequately assess the potential impacts and recommend appropriate mitigation measures.

7. GENERAL

ISSUE/COMMENT	RAISED BY	RESPONSE
1. Farm Appelvlakte 448LQ and Vooruit 449 LQ belong to Exxaro Coal. 2. The ash disposal facility is sealed on the edges to capture any run-off from the ash pile and seepage of groundwater at the toe of the ash pile.	Filomaine Swanepoel Environmental Specialist Exxaro Coal (Waterberg region) Tel: 014 763 9288 Email: filomaine.swanepoel@exxaro.com Received: 28 May 2013	1. RHDHV has established that the farm Appelvlakte 448 LQ portion 1 indeed belongs to Exxaro Coal (Pty) Ltd and not Lephalale Local Municipality as noted in the ESR. The farm ownership information has been corrected in the final ESR under Chapter 4, section 4.1.2. 2. The existing ash disposal facility does have seepage management measures to control groundwater contamination seeing that the groundwater is shallow. The proposed ash disposal facility will have a barrier system that will be approved by the Authorities (Department of Water Affairs- DWA, and Department of Environmental Affairs- DEA). Even though there was no legislation requiring lining of the facilities, Eskom implemented some Duty of Care principles in these facilities, in order to minimize impacts on the environment.
1. Main interest is the design and construction of the ash dam.	Tshiala Raluthaga Private	1. The concept design of the ash disposal facility will be undertaken by the appointed Environmental Engineer (Jeffares & Green). The proposed ash disposal facility will have

ISSUE/COMMENT	RAISED BY	RESPONSE
	<p>Tel: 073 151 4654 Email: tsraluthaga@gmail.com Received: 20 May 2013</p>	<p>to be designed and constructed as per the following legislation:</p> <ul style="list-style-type: none"> • Minimum Requirements Trilogy (Trilogy). • GN. R. 614 of 2012 Waste Classification and Management Regulations. • GN. R. 615 of 2012- Standard for Disposal of Waste to Landfill. • GN. R 625of 2012 - National Waste Information Regulations.
<p>1. He is a farm owner within 8 km radius. There is a planned development of an earth dam at Sandloop River with resort rights as the area's wildlife and waterbirds must be protected and not disturbed. Sandloop River cannot be blocked off as the farms downstream have dams in them for water storage.</p> <p>2. Why disturb another area? The proposed ash disposal facility should be kept at the existing area south of the power station and should not affect the township.</p> <p>3. Is the existing ash disposal site lined underneath and if not, why not?</p>	<p>Johannes van Rooyen Owner: Farm Kalkfontein Tel: 083 304 7063 Email: johan.vrooyen@exxaro.com Received: 15 April 2013</p>	<p>1. The Sandloop River is the only significant natural water resource that was identified in the study area during the ESS. All sensitive areas will be identified and considered during the establishment of the proposed ash disposal facility.</p> <p>2. Site 2 is being considered as an alternative for the establishment of the ash disposal facility. This is because the EIA process requires the assessment of feasible alternatives and site 2 was selected as an alternative for the same function for which site 1 is also being assessed. One site will be recommended for the establishment of the ash disposal facility once the EIA studies are complete.</p> <p>3. The ash disposal facility is not lined as it was constructed in the 1980's and there was no legislation providing guidelines on how the ash disposal facility should be designed, Eskom was therefore not compelled to line the site. Even though there was no legislation requiring lining of the facilities, Eskom implemented some Duty of Care initiatives, in these facilities, in order to minimize impacts on the environment.</p> <p>However, the proposed new ash disposal facility will have a barrier system that will be approved by the Authorities (Department of Water Affairs, DWA, and Department of Environmental Affairs, DEA).</p>
<p>1. He cannot see any reason why the existing area cannot be used. Should the adjacent farms be used, Ganzepan should also be bought.</p>	<p>Susara Maria Gouws Owner: Farm Ganzepan 446 LQ Tel: 012 567 4646 Email: coeng@gmail.com Received: 14 May 2013</p>	<p>1. Site 2 is being considered as an alternative for the establishment of the ash disposal facility. This is because the EIA process requires the assessment of feasible alternatives and site 2 was selected as an alternative for the same function for which site 1 is also being assessed. One site will be recommended for the establishment of the ash disposal facility once the EIA studies are complete.</p> <p>Additionally, if Eskom needs to purchase any private land, they will contact the owners directly.</p>
<p>1. Two of the farms identified as potential sites are the property of Exxaro Coal (Pty) Ltd. These are farms Vooruit 449 LQ and Appelvlakte 448 LQ.</p> <ul style="list-style-type: none"> • The existing ash dump on the farm Zwartwater 507 LQ only 	<p>JL Wepener General Manager Waterberg Region Exxaro Coal</p>	<p>1. Eskom purchased the farm Zwartwater 507 LQ for the disposal of ash a long time before the promulgation of the NEM: Waste Act (No 59 of 2008). However, in order for the activity to continue on the remaining portion of farm Zwartwater 507 LQ or another alternative site, an Integrated Environmental Authorization (IEA) must be obtained under</p>

ISSUE/COMMENT	RAISED BY	RESPONSE
<p>covers approximately 35% of the total farm area. Thus, sufficient space is available for a very long period into the future.</p> <ul style="list-style-type: none"> Exxaro realises that the legal requirements for ash disposal have changed, hence the investigation. 	<p>Tel: 014 763 9322 Email: Wolfie.jahn@exxaro.com Received: 6 June 2013</p>	<p>the current environmental laws i.e. EIA Regulations (2010) promulgated in terms of the National Environmental Management Act (NEMA) No 107 of 1998 [as amended] and the National Environmental Management Waste Act (NEM: WA) No. 59 of 2008.</p> <p>Site 2 is being considered as an alternative for the establishment of the ash disposal facility. This is because the EIA process requires the assessment of feasible alternatives and site 2 was selected as an alternative for the same function for which site 1 is also being assessed. One site will be recommended for the establishment of the ash disposal facility once the EIA studies are complete.</p>
<ol style="list-style-type: none"> The existing ash disposal facility is located on farm Zwartwater 507 LQ; how many years are remaining before the entire farm can be completely covered by the ash? If the raising of the ash pile on the existing ash disposal facility is successful, it means that another alternative site will not be required for the establishment of the ash disposal facility? 	<p>Johannes Molepo Exxaro: Ferroland Wildlife Tel: 082 269 6334 Email: Johannes.molepo@exxaro.com Received: 28 May 2013</p>	<ol style="list-style-type: none"> The remaining portion of farm Zwartwater 507LQ can cater for ash disposal for the remaining life of the Matimba power station i.e. 44 years. Correct. However, Site 2 is being considered as an alternative for the establishment of the ash disposal facility. This is because the EIA process requires the assessment of feasible alternatives and site 2 was selected as an alternative for the same function for which site 1 is also being assessed. One site will be recommended for the establishment of the ash disposal facility once the EIA studies are complete.
<ol style="list-style-type: none"> Spill incidents and any other emergency incident that may occur as a result of the activity must be reported to the Department in terms of Section 30 (5) of the National Environmental Management Act (No. 107 of 1998). Adequate measures must be implemented regarding the collection, removal and disposal of waste during each stage of the development from site preparation to construction and operation. No waste, including excavated topsoil and boulders may be buried or burned on the site. Details of any contracted companies responsible for waste collection, transportation, treatment or recycling facility should be kept on site. 	<p>L.B. Maesela Limpopo Department of Economic Development, Environment and Tourism Tel: 015 290 7098 Email: maesela@ledet.gov.za Received: 24 June 2013</p>	<ol style="list-style-type: none"> Procedures for reporting, handling and recording spills will be provided in the Environmental Management Programme (EMPr) which will form part of the final EIAR. Waste management measures and procedures during the construction phase of the ash disposal facility will be provided in the Environmental Management Programme (EMPr) which will form part of the final EIR. The operational phase will be in compliance with the station's ISO 14001 certification requirements. Waste management measures and procedures during the construction phase of the ash disposal facility will be provided in the Environmental Management Programme (EMPr) which will form part of the final EIAR. The operational phase will be in compliance with the station's ISO 14001 certification requirements. This will be done in compliance with the station's ISO 14001 certification requirements.

APPENDIX C11
I&AP REGISTRATION FORMS

**ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE
PROPOSED CONTINUOUS ASH DISPOSAL FACILITIES FOR THE MATIMBA POWER STATION, LEPHALALE,
LIMPOPO PROVINCE (DEA REF: 14/12/16/3/3/3/56).**

REGISTRATION AND COMMENT FORM

KINDLY COMPLETE THIS FORM IN DETAIL AND RETURN IT TO:

Sibongile Hlomuka

Telephone: 011 798 6429

E-mail sibongile.hlomuka@rhdhv.com

Royal HaskoningDHV
P.O Box 867
Gallo Manor, 2052
Johannesburg

PERSONAL DETAILS:

Title: Mr

First Name: Marius

Surname: Fuls

E-Mail: marius.fuls@exxaro.com

Telephone: 083-3053104

Fax: 012-3075556

Organisation (if applicable): Exxaro: Ferroland Wildlife

Capacity (e.g. Chairperson, member, etc): Research Manager

Physical Address: Manketti Game Reserve; Farm Gelykebult

Town: Lephalale

Code: 0555

Postal Address: PO Box 6207

Town: Onverwacht

Code: 0556

1. What is your main area of interest with regards to the proposed project?

Environmental impact on natural ecosystems functioning, landscapes and biodiversity. Specifically impacts related to Exxaro's Manketti Game Reserve. Also establishing the proposed off-sets for the project

2. Do you have any points of concern or support regarding the proposed project?

If "yes", please briefly list these in point form:

- 1) Off-sets envisaged, on a species, ecosystem and landscape scale. I can be of assistance.
- 2) Ground-water contamination
- 3) Rehabilitation potential and plans

Yes	No
-----	----

3. Are there any additional stakeholders who you feel should be consulted with regards to the proposed project?

If "yes" please list their names and contact details below:

Yes	No
-----	----

Filomaine Swanepoel: Exxaro Grootegeluk Environmental Manager: Filomaine.swanepoel@exxaro.com

Koos Smit: Exxaro Group Ecologist: koos.smit@exxaro.com

ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE
PROPOSED CONTINUOUS ASH DISPOSAL FACILITIES FOR THE MATIMBA POWER STATION, LEPHALALE,
LIMPOPO PROVINCE (DEA REF: 14/12/16/3/3/56).

REGISTRATION AND COMMENT FORM

KINDLY COMPLETE THIS FORM IN DETAIL AND RETURN IT TO:

Sibongile Hlomuka
Royal HaskoningDHV
P.O Box 867
Gallo Manor, 2052
Johannesburg

Telephone: 011 798 6458
Fax: 011 798 6010
Email: sibongile.hlomuka@rhdhv.com

PERSONAL DETAILS:

Title: MEV. First Name: SUSARA MARIA
Surname: GTOUWS
E-Mail: coeng@gmail.com
Telephone: 012 5674646 Fax: _____
Organisation (if applicable): _____
Capacity (e.g. Chairperson, member, etc): EIGENAAR : PLAAS GANZEPAN 446 LG
Physical Address: WILDERKWEPERSTEEG 176
Town: WONDERBOOM, PRETORIA Code: 0182
Postal Address: WILDERKWEPERSTEEG 176
Town: WONDERBOOM, PRETORIA Code: 0182

1. What is your main area of interest with regards to the proposed project?

EIGENAAR VAN PLAAS GANZEPAN

2. Do you have any points of concern or support regarding the proposed project?

If "yes", please briefly list these in point form:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	-----------------------------

Nie ten gunste van terrein 2 wat plaas Noord van Matimba in beslag
sal neem om die volgende redes: (a) Negatiewe impak op die omgewing -
huidig wildboerderye (b) Daling van eiendomswaardes van aanliggende
eiendomme (c) Sal lei tot besmetting van grondwater
gevaar inhou (d) Stygging van lugbesoedeling wat 'n gesondheids

3. Are there any additional stakeholders who you feel should be consulted with regards to the proposed project?

If "yes" please list their names and contact details below:

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
------------------------------	--

LW: Kan geen rede sien hoekom bestaande terrein nie verder benut
kan word nie.
Indien aanliggende plaas gebruik gaan word, moet Ganzepan ook uitkoop
word.



Letter

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Royal HaskoningDHV

Draft Environmental Scoping Report for the Proposed Continuous Ash Disposal Facility for the Matimba Power Station in Lephalale, Limpopo Province

Thank you for your indication that development is to take place in this area.

It is noted in the Draft Environmental Scoping Report that a Heritage Impact Assessment will be undertaken for this proposed project. Please note that in addition to the assessment of archaeological and palaeontological resources, any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

If the property is very small or disturbed and there is no significant site the heritage specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Phillip Hine
Heritage Officer



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>

Enquiries: Phillip Hine
Tel: 021 462 4502
Email: phine@sahra.org.za
CaseID: 2195

Date: Wednesday May 22, 2013

Page No: 2



Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/118558>

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF ECONOMIC DEVELOPMENT, ENVIROMENT & TOURISM

Eng : Maesela L.B.
Tell : 015 290 7098
Fax : 015 295 4836
Cell : 082 057 1818
Email : Maesela@ledet.gov.za

DEA Ref : (14/12/16/3/3/3/56)

Director
Royal Haskoning DHV
P.O Box 25302
Monument Park
Pretoria
0105

RE: ENVIRONMENTAL IMPACT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE PROPOSED CONTINUOUS ASH DISPOSAL FACILITY AT MATIMBA POWER STATION LEPHALALE, LIMPOPO PROVINCE (REF : 14/12/16/3/3/3/56) –PUBLIC REVIEW OF THE DRAFT SCOPING REPORT.

Please find herein attached the Directorate comments

1. Please note that the National Environmental Management Waste Act, 2008 (Act 59 of 2008) is one of the appliance legislation that ought to be incorporate in the report on page 12 under relevant legislation and guidelines.
2. Spill incidents and any other emergency incident that may occur as a result of the activity must be reported to this Department in terms of section 30(5) of the National Environmental Management Act , 1998 (Act 107 of 1998)
3. Adequate measures must be implemented regarding the collection, removal and disposal of waste during each stage of the development from site preparation to construction and operation

Cnr of Suid and Dorp Streets, POLOKWANE, 0699, PO Box 55464, POLOKWANE, 0700
Tel: (015) 290 7000, Fax: (015) 295 5015 Website: <http://www.ledet.gov.za>

1

The heartland of southern Africa - development is our legacy

4. No waste, including excavated topsoil and boulders may be buried or burned on the site.
5. Details of any contracted companies responsible for waste collection, transportation, and treatment / recycling and facility should be kept on site
6. Please attach the copy of waste license application form submitted to Department of Environmental Affairs to the final report.

Please contact this office if you have any query.

Yours Faithfully,



MANAGER: GENERAL WASTE MANAGEMENT

DATE:

2013/06/10

**ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE
PROPOSED CONTINUOUS ASH DISPOSAL FACILITIES FOR THE MATIMBA POWER STATION, LEPHALALE,
LIMPOPO PROVINCE (DEA REF: 14/12/16/3/3/56).**

REGISTRATION AND COMMENT FORM

KINDLY COMPLETE THIS FORM IN DETAIL AND RETURN IT TO:

Sibongile Hlomuka
Royal HaskoningDHV
P.O Box 867
Gallo Manor, 2052
Johannesburg

Telephone: 011 798 6458
Fax: 011 798 6010
Email: sibongile.hlomuka@rhdhv.com

PERSONAL DETAILS:

Title: MR First Name: JOHANNES WILHELMUS
Surname: VAN ROOYEN
E-Mail: johan.vrooyen@exxaro.com
Telephone: 0833047063 Fax: —
Organisation (if applicable):
Capacity (e.g. Chairperson, member, etc): FARM OWNER
Physical Address: KALKFONTEIN FARM
Town: ELLISRAS Code: 0555
Postal Address: P.O. Box 585
Town: ELLISRAS Code: 0555

1. What is your main area of interest with regards to the proposed project?

Farm Owner within 8 Km radius and next to radius.
Planned development at earth dam / Sandsloot - Resort rights as this
area's wild life, water birds must be protected - not disturbed.

2. Do you have any points of concern or support regarding the proposed project?

If "yes", please briefly list these in point form:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	-----------------------------

- ① If on the Farms Zongersien and/or Beeloven: just east of Marapong. Wind direction
is normally West and can cause Hygiene + dusty environment - health problems?
- ② Sandsloot can not be blocked off as the farm's downstream has got dams in it for water storage.
- ③ Sandsloot and dams downstream - Rich with water birds life - also fish eagle - Not disturb (stay away)
- ④ Why digger up another place - Keep it at existing area south of power station - not offit township.
- ⑤ Why not backfill directly to the mine (pit) and spare environment.

3. Are there any additional stakeholders who you feel should be consulted with regards to the proposed project?

If "yes" please list their names and contact details below:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	-----------------------------

Mari Nel (portion of Kalkfontein) 0832679552
Tienie Loots Zongersien Farm 0825668522
Allan Pew. Welgelegen Farm -
Mr Grobler DRAPE HENWEL Farm 0833611805

Escom also got Own 2 farms on North Eastern side of Power station but
as I said, due to town development and Marapong and Sandsloot,
THIS SHOULD not happen to that Side of Marapong.

ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE
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Royal HaskoningDHV
P.O Box 867
Gallo Manor, 2052

Johannesburg
Telephone: 011 798 6429
E-mail sibongile.hlomuka@rhdhv.com

PERSONAL DETAILS:

Title: Miss

First Name: FLOREANNE

Surname: ~~SWANEPOL~~ SWANEPOL

E-Mail: florence.swanepol@exxaro.com

Telephone: 014-763 9288

Fax:

Organisation (if applicable): Exxaro Coal - Waterberg

Capacity (e.g. Chairperson, member, etc): Environmental Specialist

Physical Address: Eukelbult farm (Grootegat Rivier)

Town: Lephalale

Code: 0555

Postal Address: P.O Box 178, Lephalale, 0555

Town:

Code: 0555

1. What is your main area of interest with regards to the proposed project?

Appelblare 448 HQ + Voornut 449 HQ
Belong to Exxaro → Surface Rights

2. Do you have any points of concern or support regarding the proposed project?

If "yes", please briefly list these in point form:

- Concerns regarding cumulative impacts
- Alternative 2 - cross Sandloop spurs? Gravel wagon impacts ^{Surface}

3. Are there any additional stakeholders who you feel should be consulted with regards to the proposed project?

If "yes" please list their names and contact details below:

hume Swanepol → GANZEPOW 446 HQ

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	-----------------------------

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	-----------------------------

20 May 2013

Delivered by e-mail Malcolm.roods@rhdhv.com

Principal - Environmental Management
Royal HaskoningDHV
PO Box 25302,
Monument Park,
PRETORIA
0105

Attention: Malcolm Roods

Dear Sir,

RE: NOTIFICATION ON EIA FOR THE PROPOSED ASH DISPOSAL FACILITY FOR THE MATIMBA POWER STATION

As indicated in your letter dated 2013-04-10, Royal HaskoningDHV has been appointed by Eskom Holdings to conduct the EIA for the construction of an ash disposal facility for the Matimba Power Station. Two of the farms identified as potential sites however are the property of Exxaro Coal (Pty) Ltd. These are:

- Farm Vooruit 449LQ.
- Farm Appelvlakte 448LQ.

We would like to respond to your notification as follows:

- Exxaro is not in favour of constructing any new ash disposal facilities on our property. The proposed sites are directly in the prevailing wind direction of our existing operations – dust will be a serious problem.
- We have noticed that the existing ash dump on the farm Zwartwater 507LQ only covers approximately 35% of the total farm area – thus sufficient space is available for a very long period into the future;
- We do realise that the legal requirements for ash disposal have changed – thus this investigation;



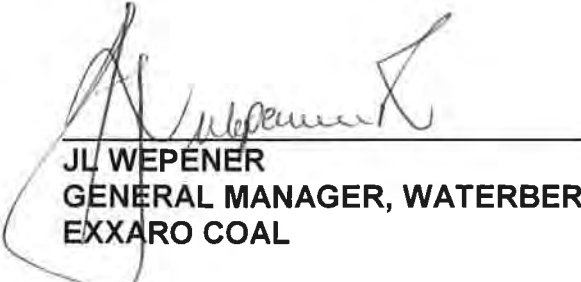
COAL

Roger Dyason Road Pretoria West 0183 | PO Box 9229 Pretoria 0001 South Africa | Tel +27 12 307 4906 Fax +27 12 307 3828 | www.exxaro.com
Exxaro Coal Mpumalanga (Pty) Ltd. Reg No. 1999/010289/07 | Directors: MDM Mgojo PE Venter MR Walker
Company Secretary: CLS Consulting Services (Pty) Ltd

- We would however propose that the alternative of disposing the Matimba Ash into the Grootegeluk Pit be investigated;
- During 2006 Eskom and Exxaro jointly appointed consultants to conduct a study for ash disposal from the Medupi Power Station into the Grootegeluk Pit;
- It was concluded that the Grootegeluk Pit was not advanced sufficiently at that stage to take the Medupi ash into the Grootegeluk Pit;
- The Grootegeluk Pit has in the mean time advanced considerably making the disposal of Matimba ash into the Grootegeluk Pit in the near future a real possibility.

Exxaro thus suggests that the disposal of Matimba ash into the Grootegeluk Pit be considered as an alternative to on-surface ash disposal. All reports of the previous studies are available from the Eskom Megawatt Park offices.

Yours faithfully,



JL WEPENER
GENERAL MANAGER, WATERBERG REGION
EXXARO COAL

**ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR THE
PROPOSED CONTINUOUS ASH DISPOSAL FACILITIES FOR THE MATIMBA POWER STATION, LEPHALALE,
LIMPOPO PROVINCE (DEA REF: 14/12/16/3/3/56).**

REGISTRATION AND COMMENT FORM

KINDLY COMPLETE THIS FORM IN DETAIL AND RETURN IT TO:

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Royal HaskoningDHV
P.O Box 867
Gallo Manor, 2052

Johannesburg
Telephone: 011 798 6429
E-mail: sibongile.hlomuka@rhdhv.com

PERSONAL DETAILS:

Title: *Mr.*

First Name: *TSHIALA SILAS*

Surname: *RALUTHAGA*

E-Mail: *tsraluthaga@gmail.com*

Telephone: *0731514654 (CELL)*

Fax: *NONE*

Organisation (if applicable): *NONE*

Capacity (e.g. Chairperson, member, etc): *Ordinary Person.*

Physical Address: *Ext. 3, MARAPONG*

Town: *Lephalale*

Code: *0556*

Postal Address:

Town:

NONE

Code:

1. What is your main area of interest with regards to the proposed project?

- *A description of environmental issues and potential Impact on the Surrounding Area.*
- *Design and Construction of the Ash Dam.*

2. Do you have any points of concern or support regarding the proposed project?

If "yes", please briefly list these in point form:

Yes	No <input checked="" type="checkbox"/>
-----	--

3. Are there any additional stakeholders who you feel should be consulted with regards to the proposed project?

If "yes" please list their names and contact details below:

Yes	No <input checked="" type="checkbox"/>
-----	--