

10 August 2012

Dear Stakeholder

Environmental Impact Assessment and Waste Management License Application for the proposed extension of the ash disposal facility at Kusile Power Station

DEA Reference Number: 12/12/20/2412, NEAS Reference: DEA/EIA/0000514/2011

FINAL SCOPING REPORT AVAILABLE FOR YOUR REVIEW

An Environmental Impact Assessment (EIA) and Waste Management License Application (WMLA) are being undertaken for the proposed extension of the ash disposal facility and associated infrastructure at Kusile Power Station between Bronkhorstspuit and Emalaheni in Mpumalanga.

The electricity generating process at Kusile power station will produce ash which has to be disposed of in an environmentally responsible manner. Kusile power station currently has environmental authorisation for an ash disposal facility on the terrain of the power station. This ash disposal facility has been deemed to be inadequate to service the life of the station; hence another ash disposal facility is required for the next 60 years of station operations. Potential sites within a 15 km radius of the Kusile power station are being investigated in this study. It is anticipated that the proposed new ash disposal facility will have an estimated footprint of between 1 200 and 1 500 hectares (12 or 15 km²). Associated infrastructure components may consist of:

- A conveyor belt for the transportation of waste to the ash disposal site;
- Pollution control dams and water return channels;
- Services including electricity and water supply in the form of power lines, pipelines, and associated infrastructure; and
- Access and maintenance roads to the ash disposal facility.

The ash produced over the 60 year lifespan of the power station is estimated at approximately 460 million m³ and the proposed ash disposal facility will be around 40 to 60 m high at the end of its lifespan.

Availability of Final Scoping Report for public review from 13 August 2012 to 25 September 2012

In accordance with the EIA Regulations, the Final Scoping Report will be submitted to the competent authority for the EIA and the WMLA, namely the national Department of Environment Affairs (DEA). Parallel to this submission, it will be made available for review by the public, relevant organs of state and other government departments for a 40 calendar day period. The public review period will be from **13 August 2012 to 25 September 2012**.

The report will be available for review from **13 August 2012** at the following locations:

Contact	Location	Contact
Printed Copies		
Agnes Mabena	Phola Public Library	Tel: 013 645 0094
Ntombi Jela	Ogies Public Library, 61 Main Street, Ogies	Tel: 013 643 1150
Grace Kotlolo	Kungwini Public Library	Tel: 013 932 6305
Evette van der Vlies	Kusile office at the Eskom Wilge offices	Tel: 013 693 4847
Electronic Copies		
Tobile Bokwe	www.eskom.co.za/c/44/environmental-impact-assessments	Tel: 011 800 2303
Andre Joubert	www.zitholele.co.za/kusile-ash	Tel: 011 207 2077
Andre Joubert or Patiswa Mnqokoyi	Available on CD on request via email from Zitholele Consulting.	Phone 011 207 2077/4, or send email request to andrej@zitholele.co.za , or complete the enclosed form.

You are requested to comment on the FSR in any of the following ways:

- Completing the comment sheet enclosed;
- Writing a letter, or producing additional written submissions;
- Sending an email or phoning the public participation office; or

Kindly send your reply to Andre Joubert or Florence Rambuda at the Public Participation Office on fax number 086-676-9950 or e-mail to andrej@zitholele.co.za / florencer@zitholele.co.za. You are also welcome to contact Zitholele Consulting on (011) 207-2077 or (011) 207- 2075.

This assessment is being conducted on behalf of Eskom.

Yours sincerely



Andre Joubert
Public Participation Office



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Fedsure Building · 315 Pretorius Street · PRETORIA
Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2682

NEAS Reference: DEA/EIA/0001448/2012

DEA Reference: 12/12/20/2412

Enquiries: Masina Litsoane

Telephone: 012-395-1778 **Fax:** 012-320-7539 **E-mail:** MLitsoane@environment.gov.za

Mr. Willem Howell
Zitholele Consulting (Pty) Ltd
P.O. Box 6002
HALFWAY HOUSE
1685

Fax No: 086-674-6121

PER FACSIMILE / MAIL

Dear Mr Howell

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: PROPOSED EXTENSION OF THE ASH DISPOSAL FACILITY AT KUSILE POWER STATION MPUMALANGA PROVINCE

The Final Scoping Report (FSR) and Plan of Study for Environmental Impact Assessment dated August 2012 and received by the Department on 14 August 2012 refers.

The Department has evaluated the submitted FSR and the Plan of Study for Environmental Impact Assessment dated August 2012 and is satisfied that the documents comply with the minimum requirements of the Environmental Impact Assessment (EIA) Regulations, 2010. The FSR is hereby accepted by the Department in terms of regulation 30(1)(a) of the EIA Regulations, 2010.

You may proceed with the environmental impact assessment process in accordance with the tasks contemplated in the Plan of Study for Environmental Impact Assessment as required in terms of the EIA Regulations, 2010.

Please ensure that comments from all relevant stakeholders are submitted to the Department with the Final Environmental Impact Report (EIR). This includes but is not limited to Mpumalanga: Department of Economic Development Environment and Tourism, Department of Environmental Affairs, SAHRA, WESSA and any other stakeholders which deal with environmental matters within the province. Proof of correspondence with the various stakeholders must be included in the Final EIR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.

In addition, the following amendments and additional information are required for the EIR:

- a) Details of the future plans for the site and infrastructure after decommissioning in 20-30 years and the possibility of upgrading the proposed infrastructure to more advanced technologies.
- b) The total footprint of the proposed development should be indicated. Exact locations of the disposal facility extension, and associated infrastructure should be mapped at an appropriate scale.

- c) Should a Water Use License be required, proof of application for a license needs to be submitted.
- d) Possible impacts and effects of the development on the vegetation ecology with regard to lowland-highland interface in the locality should be indicated.
- e) The impacts of the proposed facility on avifauna and bats must be assessed in the EIA phase.
- f) Possible impacts and effects of the development on the surrounding industrial area.
- g) The EIR should include information on the following:
 - Environmental costs vs. benefits of the disposal facility activity; and
 - Economic viability of the facility to the surrounding area and how the local community will benefit.
- h) Information on services required on the site, e.g. sewage, refuse removal, water and electricity. Who will supply these services and has an agreement and confirmation of capacity been obtained?
- i) A construction and operational phase EMP to include mitigation and monitoring measures.
- j) Should blasting be required, appropriate mitigation measures should be provided.
- k) It must be made clear whether the new storm water management infrastructure is to be constructed or the existing one is to be expanded.
- l) **Amended application form** as the activities applied in the Application Form do not reflect the activities listed in the Scoping Report.

The applicant is hereby reminded to comply with the requirements of regulation 67 with regard to the time period allowed for complying with the requirements of the Regulations, and regulations 56 and 57 with regard to the allowance of a comment period for interested and affected parties on all reports submitted to the competent authority for decision-making. The reports referred to are listed in regulation 56(3a-3h).

Please ensure that the Final EIR includes at least one A3 regional map of the area and the locality maps included in the final EIR illustrate the proposed extension of disposal facility and its associated infrastructure. The maps must be of acceptable quality and as a minimum, have the following attributes:

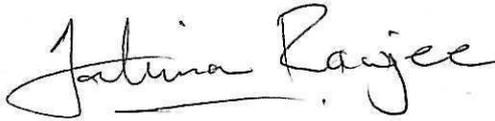
- Maps are relatable to one another;
- Cardinal points;
- Co-ordinates;
- Legible legends;
- Indicate alternatives;
- Latest land cover;
- Vegetation types of the study area; and
- A3 size locality map.

Further, it must be reiterated that, should an application for Environmental Authorisation be subject to the provisions of Chapter II, Section 38 of the National Heritage Resources Act, Act 25 of 1999, then this Department will not be able to make nor issue a decision in terms of your application for Environmental Authorisation pending a letter from the pertinent heritage authority categorically stating that the application fulfils the requirements of the relevant heritage resources authority as described in Chapter II, Section 38(8) of the National Heritage Resources Act, Act 25 of 1999.

You are requested to submit five (5) copies of the Environmental Impact Report (EIR) to the Department as per regulation 34(1)(b) of the EIA Regulations, 2010. Please submit at least one electronic copy (CD/DVD) of the complete final report with the hard copy documents.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours sincerely



Mr Mark Gordon
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Letter signed by: Ms Fatima Rawjee
Designation: Acting Director: Integrated Environmental Authorisations
Date: 08/10/2022

CC:	Mr. J. Prinsloo	Eskom	Fax: 086-652-0762
	Ms. I. Botha	Kungwini Local Municipality	Fax: 013-932-4091

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712

13 December 2013

Dear Stakeholder

EIA Newsletter: Environmental Impact Assessment and Waste Management License Application for the proposed Extension for the Ash Disposal Facility at Kusile Power Station

Please find attached, for your attention, the following documents:

- EIA Newsletter
- EIA Newsletter Comment Form
- EIA Locality Map
- List of potentially affected properties

We are looking forward to receiving your comments.

(Afrikaanse weergawe van korrespondensie sal binnekort versprei word)

Yours faithfully

A handwritten signature in black ink, appearing to read 'Nicolene Venter', is placed over a light grey circular stamp.

Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

011 207 2060

nicolenev@zitholele.co.za

Z:\PROJECTS\12712 - EIA for Kusile Ash dump\Public Participation\3. Impact Phase\01. EIA Newsletter\Cover Letter\12712-Let-EIA Newsletter-20131214.docx

Environmental Impact Assessment and Waste Management License Application for the proposed Extension for the Ash Disposal Facility at Kusile Power Station



(DEA Ref: 12/12/20/2412; NEAS Ref: DEA/EIA/0000514/2011)

EIA NEWSLETTER – DECEMBER 2013

PURPOSE OF THIS EIA NEWSLETTER

The Kusile 60 year ash disposal facility (ADF) EIA commenced in 2011 with the announcement of the project. Since its inception the project has proven to be increasingly complex with numerous environmental, socio-economic and technical aspects to consider. Due to the complexity of the EIA extensive authority consultation, especially with the Department of Water Affairs (DWA), was undertaken, which extended the site selection and assessment process that was followed beyond its anticipated project schedule.

This EIA Newsletter aims to provide you with an update with regards to the EIA process, including tasks and public consultation still to be undertaken.

BACKGROUND

Zitholele Consulting (Pty) Ltd (hereafter 'Zitholele Consulting') was appointed by Eskom to undertake the Integrated Waste and Environmental authorisation process for the 60 year ash disposal facility at the Kusile Power Station. Kusile Power Station is a coal-fired power station which Eskom is presently constructing between Bronkhorstspuit and eMalahleni in Mpumalanga as part of the expansion of its power generation fleet.

Kusile Power Station currently has environmental authorisation for a co-disposal facility that can accommodate 10 year of ash and gypsum deposition.

Once ash deposition on the 60 year ash disposal commences, the 10 year co-disposal facility will receive the gypsum waste stream only. The facility was authorised as part of the Record of Decision (RoD) issued in 2008 by the then Department of Environmental Affairs and Tourism (DEAT) for the power station development. Due to this inadequacy, when considering the power station operations for the next 60 years, an additional larger ash disposal facility is required to accommodate the bulk of the ash generated by the power station.

PROJECT DESCRIPTION

The burning of coal in the Kusile Power Station, once operational, will produce ash that will have to be disposed of in an environmentally safe and sustainable manner. While Eskom is trying to encourage and increase ash utilisation, there is a risk that such utilisation will not result in significant consumption of such ash. The only viable option to deal with this extra waste stream is to dispose on an ash disposal facility (ADF) specifically engineered to house the ash produced over a period of 60 years, taking into consideration the current coal quality that will be supplied to Kusile Power Station.

It is envisaged that the project will include the following components at present:

- A lined dry ash disposal facility of estimated maximum footprint size of 1500 ha
- Associated infrastructure such as stackers, ash water return dams, pipelines and conveyors;
- A conveyor belt for the transportation of ash to the ADF;
- The waste stream comprising of a combined bottom ash and fly ash waste stream;
- Services including electricity and water supply in the form of power lines, pipelines, and associated infrastructure; and
- Access and maintenance roads to the site.

During the conceptual engineering design the concept models for the different site alternatives were optimised, as much as possible, to minimise the footprint of the ADF by increasing the stack height. The ADF height was however limited by the characteristics of the underlying geology.

Conveyors will be used to transport the ash from the power station to the newly proposed ash facility. It is envisaged that a two-stacker system will be used to place the ash from the conveyor belt system onto the ADF.

WHERE ARE WE IN THE EIA

Public consultation on the Draft Scoping Report (DSR) was undertaken in February and March 2012. The Final Scoping Report (FSR) and its accompanying documents were submitted to the DEA on Tuesday, 14 August 2012 for acceptance of the Final Scoping Report (FSR) and approval of the Plan of Study (PoS) for the EIA. Acceptance of the FSR and approval of the PoS was received from DEA on 8 October 2012. The FSR is available on Zitholele’s website (www.zitholele.co.za) and on Eskom’s website (www.eskom.co.za/eia). It is important to note that the PPP continued throughout the EIA. Should you want a copy of the DEA acceptance letter for the FSR and PoS, please send us your request, in writing, by e-mail, fax or letter (contact details below).

Zitholele Consulting is currently in the Environmental Impact Report Phase of the project (Figure 1) and aims

to finalise the Draft Environmental Impact Report (DEIR) and Draft Environmental Management Programme (DEMPr) in January 2014. You, as a Stakeholder, will be notified of the availability of these two draft documents for public review and comment.



Figure 1: EIA process flow chart.

CONSIDERATION OF ALTERNATIVES

Five (5) feasible site alternatives were identified during the site selection and scoping phase of the project. These sites include Sites A, B, C, F and G. It was further identified that some of the sites were not large enough to receive the entire 60 years of ash deposition. Subsequently six (6) disposal scenarios and were

identified and taken forward into the EIR phase. The environmentally feasible disposal scenario's that were identified and investigated in the EIR phase include the following:

1. Site A
2. Site B
3. Site C
4. Site F and small A (reduced footprint of A)
5. Site G and small A (reduced footprint of A)
6. Site F and G combined

Conceptual engineering design and specialist impact assessments were undertaken for the six (6) disposal scenarios (refer to locality map).

A list of properties potentially affected by this proposed project, and specifically the site alternatives mentioned above, is attached. The property list, categorized per site, provides the farm name, number and portion number.

SPECIALIST STUDIES

The following specialist studies were commissioned by Zitholele Consulting based on the potential impacts identified during the Scoping Phase, comments received during public and authority consultation, and specific requirements stipulated by the permitting authorities (DEA and DWA):

- Ash Classification Assessment;
- Conceptual Engineering Design, Operational Plan and Topographical Survey;
- Geotechnical Assessment;
- Terrestrial Ecology Assessment (Fauna and Flora);
- Avifauna Assessment;
- Heritage Impact Assessment;
- Social Impact Assessment;
- Surface Water Assessment and Wetland Delineation;
- Aquatic Ecology Assessment
- Ground Water Assessment;
- Traffic Impact Assessment;

- Air Quality Opinion;
- Noise Impact Assessment;
- Soils and Land Capability Assessment;
- Visual Impact Assessment; and
- Sustainability Assessment.

These specialist studies have been completed and will be available to I&APs to peruse during the next public review period, which is scheduled to start in January 2014.

DEIR AND EMPr

The DEIR will include details of the public participation process conducted, a detailed description of the proposed development, assessment of the feasible alternatives and detailed concept designs. The DEIR will also include mitigation measures, detailed impact assessment of all impacts identified, detailed specialist investigations, and detailed environmental impact statements. The DEIR will comply with the requirements of National Environmental Management Act, as amended, the EIA regulations (GNR 543 – 546) of 2010.

The DEMPr will detail mitigation and management measures to be undertaken during the construction and operational phase of the ADF. Mitigation and management measures will address potentially significant impacts associated with activities during any of the project phases in order to protect the environment (biophysical as well as social) from harm.

The DEIR and DEMPr will be made available to I&APs for review and comments from January to March 2014. The availability of the DEIR and DEMPr as well as the Public Meeting date will be advertised in the various newspapers, and media, used during the Scoping Phase. After this public and authority review period these documents will be updated, where applicable, with information received from stakeholders. The FEIR and EMPr will be submitted to the public for final review and comment and to DEA for decision-making.

Environmental compliance monitoring will be implemented during the construction and operational phase to ensure compliance with the stipulations of the

FEIR, EMPr and the conditions as stipulated in the Waste Management Licence issued by the DEA.

PUBLIC PARTICIPATION PROCESS

We would like to make use of this opportunity to provide Stakeholders with a brief summary of the Public Participation Process (PPP) undertaken during the Scoping Phase, and the key activities during this phase were:

- Advertisements placed between 7 and 14 October 2011 in the newspapers – *Beeld, Corridor Gazette, Die Springs Advertiser, Echo, Ekasi News, Mpumalanga News, Ridge Times News, Streeknuus, The Herald* and *Witbank Nuus* - to announce the opportunity to participate.
- Meetings with authorities to agree on process and study requirements;
- Initial public and landowner notification, which included placing of site notices, the distribution the Background Information Documents (BID) and an invitation to contribute to the EIA process to I&APs in the project area and beyond;
- Distributed and announced the availability of the DSR and Comment and Responses Report (CRR);
- Convened a stakeholder meeting in the project area to obtain comments on the DSR;
- Updated and submitted FSR and the Plan of Study for the EIA to the DEA; and
- Distributed FSR and collate comments before submission to the DEA.

Public Participation and authority consultation for comment on the DEIR is scheduled to commence in January 2014 through to March 2014. Notifications of key Public Participation activities i.e. Public Meeting, and availability of the DEIR and DEMPr for review and comment will be undertaken through email notifications to all registered Interested and Affected Parties (I&APs). Those I&APs that do not have emails will be notified via fax or mail, depending on the contact details provided by the I&APs. The DEIR and DEMPr will be placed in the same public venues as was done during the Scoping Phase. Registered I&APs can submit a written request for an electronic copy (CD) of these draft and final documents.

CONTINUED PUBLIC INVOLVEMENT

Public involvement is one of the cornerstones of effective environmental assessments as it is your comments that add value to an integrated and sustainable environmental process. It is also a consultation process leading to a joint effort by stakeholders, technical specialists, the authorities and the applicant – working together to produce better decisions. We therefore, once again, request your active participation in this phase of the EIA.

WAY FORWARD

Please note that public participation is a continuous communication and consultation process. You will thus be informed through personal correspondence and advertisements of the various remaining stages of this EIA, including the appeal procedures to follow once a decision by the competent authority (DEA) has been reached.

Should you, during this impact assessment phase, require any additional information or wish to submit comments on the specialist studies or the proposed Ash Disposal Facility project, you are welcome to forward your inputs, in writing or by completing the Comment Form included with this EIA Newsletter, to the Public Participation Office given below.

We look forward to your contributions and continued involvement!

COMMENTS AND QUERIES

Nicolene Venter

PO Box 6002

Halfway House, 1685

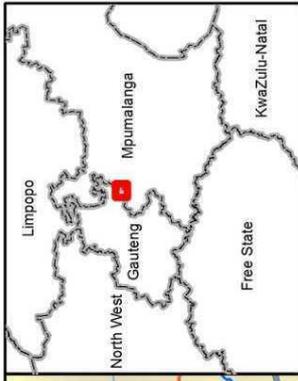
☎ Phone: (011) 207 2060

✉ Fax: 086 676 9950

✉ E-mail: nicolenev@zitholele.co.za

Website: www.zitholele.co.za

Documents Included: EIA Newsletter Comment Form
EIA Locality Map
List of potentially affected properties



PROJECT
EIA FOR KUSILE ASH DISPOSAL FACILITY

TITLE
**KUSILE 60 YEAR ADF:
SITE ALTERNATIVES**

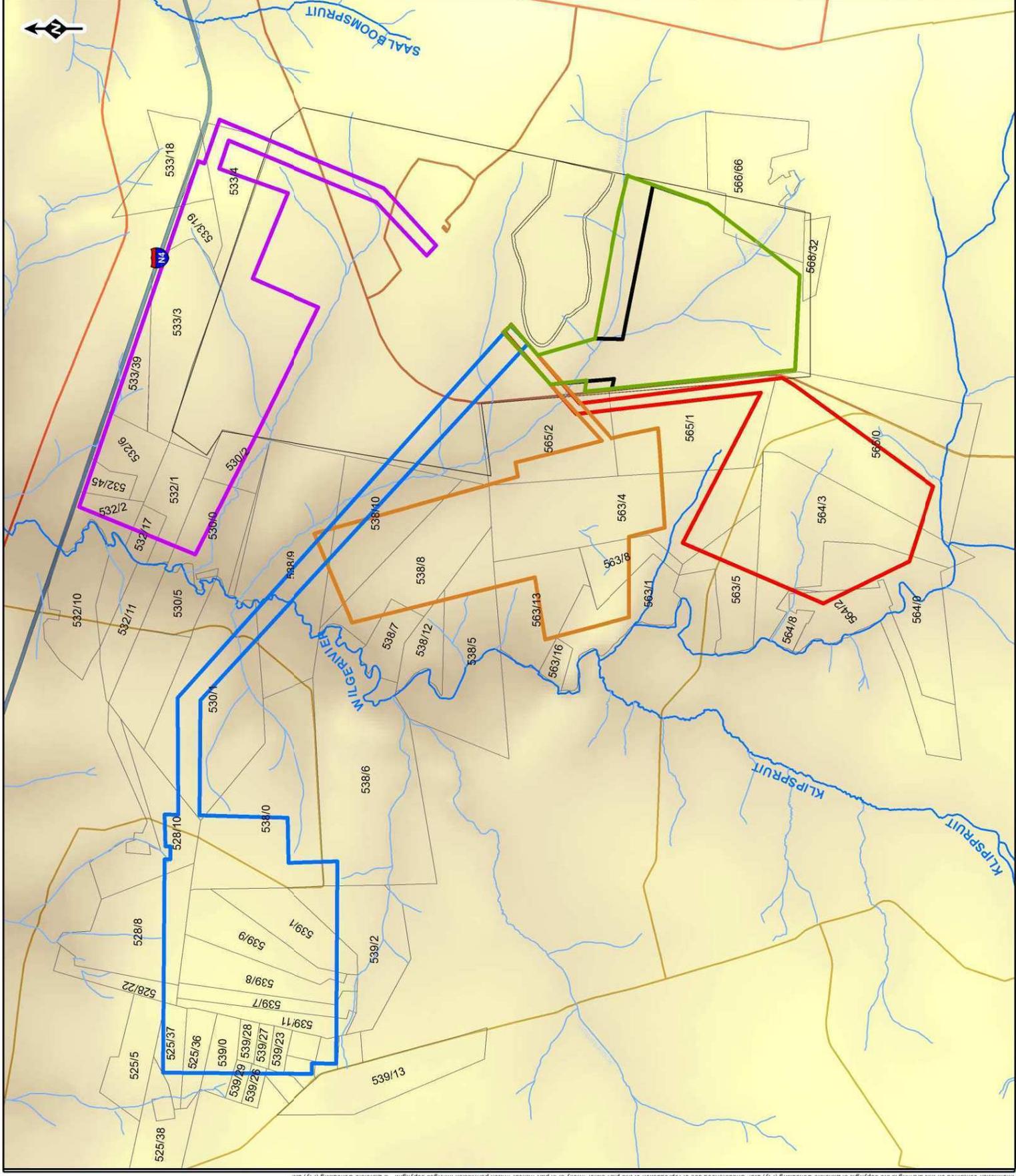
RESOURCES/NOTES
DRAFT

REFERENCE
Coordinate System: GCS Hartbeeshoek 1994

PROJECT
EIA FOR KUSILE ASH DISPOSAL FACILITY

TITLE
**KUSILE 60 YEAR ADF:
SITE ALTERNATIVES**

PROJECT No.	12712	REV 0
SCALE	1:66,924	A3
GIS	SP	06/12/2013
CHECK	MV	06/12/2013
REVIEW	MV	06/12/2013



**EIA AND WASTE MANAGEMENT LICENSE APPLICATION: PROPOSED 60 YEAR ASH
DISPOSAL FACILITY AT KUSILE POWER STATION**

DEA Ref No 12/12/20/2412) (NEAS Reference: DEA/EIA/0000514/2011

POSSIBLY AFFECTED PROPERTIES (per site alternative)

FARM NAME	FARM NO	PORTION NO
Site A (including proposed conveyor route):		
Eskom owned property		
Site B (including proposed conveyor route):		
NOOITGEDACHT	525	5
		36
		37
JAKHALSFONTEIN	528	8
		10
		22
KORTFONTEIN	530	1
BOSSEMANSKRAAL	538	Remainder
		9
		8
		10
WITKLIP	539	Remainder
		1
		2
		7
		8
		9
		11
		23
		26
		27
		28
29		
Site C (including proposed conveyor route):		
KORTFONTEIN	530	Remainder
		1

		2
ONVERWACHT	532	1
		2
		6
		17
		45
SPITSKOP	533	3
		4
		18
		19
		39
Site F (including proposed conveyor route):		
BOSSEMANSKRAAL	538	5
		7
		8
		9
		10
		12
WITPOORT	563	1
		4
		8
		13
		16
DWAALFONTEIN	565	1
		2
Site G (including proposed conveyor route):		
WITPOORT	563	4
		5
NOOITGEDACHT	564	Remainder
		2
		3
		8
DWAALFONTEIN	565	1
		2

ICATION FOR THE PROPOSED EXTENSION FOR THE ASH DISPOSAL FACILITY AT KUSILE POWER STATION

412; NEAS Ref: DEA/EIA/0000514/2011

AFFECTED PROPERTIES: EIA Newsletter

FARMNAME	SG_CODE	FARM_NO	PORTION	RAJ_REGIOIS12_NAME	PROVINCE	AD INFORM.
KLIPFONTEIN	TOJR000000	566	40 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	41 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	42 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	43 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	44 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	45 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	46 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	47 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	48 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	49 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	50 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	52 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	53 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	54 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	66 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	10 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	11 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	19 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	21 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	25 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	26 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	30 JR	Delmas	Mpumalanga	Granted / R
	TOJR000000	537	5 JR	Delmas	Mpumalanga	Application
DWAALFONTEIN	TOJR000000	565	1 JR	Delmas	Mpumalanga	Granted / R
DWAALFONTEIN	TOJR000000	565	2 JR	Delmas	Mpumalanga	Granted / R
	TOJR000000	537	0 JR	Delmas	Mpumalanga	Application
	TOJR000000	537	2 JR	Delmas	Mpumalanga	Application
	TOJR000000	537	3 JR	Delmas	Mpumalanga	Application
	TOJR000000	537	4 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	3 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	9 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	568	32 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	51 JR	Delmas	Mpumalanga	Application
DWAALFONTEIN	TOJR000000	565	0 JR	Delmas	Mpumalanga	Granted / R

Zitholele Consulting

Reg. No. 2000/000392/07

Posbus 6002 Halfway House 1685
Suid-Afrika
Thandanani Park, Matuka Steeg
Halfway Gardens, Midrand
Tel: + (27) 11 207 2060
Faks: + (27) 86 674 6121
E-pos: mail@zitholele.co.za



Ons Verw.: 12712

13 Desember 2013

Geagte Belanghebbende

OIE Nuusbrief: Omgewingsimpakevaluering en Aansoek om Afvalbestuurlisensie vir die voorgestelde Uitbreiding van die Asverwyderingsinstallasie by Kusile Kragstasie

Hierby aangeheg die volgende dokumente vir u aandag:

- OIE Nuusbrief
- OIE Nuusbrief Kommentaarvorm
- OIE Liggingskaart
- Lys met potensieel geaffekteerde eiendomme

Ons sien uit daarna om u kommentaar te ontvang.

Die uwe

A handwritten signature in black ink, appearing to read 'Nicolene Venter', is positioned above the printed name.

Nicolene Venter

ZITHOLELE CONSULTING (EDMS.) BPK.

011 207 2060

nicolenev@zitholele.co.za

Z:\PROJECTS\12712 - EIA for Kusile Ash dump\Public Participation\3. Impact Phase\01. EIA Newsletter\Cover Letter\12712-Let-EIA Newsletter-20131214 (Afr).docx

Omgewingsimpakevaluering en Aansoek om Afvalbestuurlisensie vir die voorgestelde Uitbreiding van die Asverwyderingsinstallasie by Kusile Kragstasie



(DO Verw.: 12/12/20/2412; NEAS Verw.: DEA/EIA/0000514/2011)

OIE NUUSBRIEF – DESEMBER 2013

DOEL VAN HIERDIE OIE NUUSBRIEF

Die Kusile 60-jaar asverwyderingsinstallasie (AVI) se OIE het in 2011 'n aanvang geneem met die aankondiging van die projek. Sedert sy aanvang was die projek toenemend ingewikkeld, met talle omgewings-, sosio-ekonomiese en tegniese aspekte om in ag te neem. Weens die kompleksiteit van die OIE is omvangryke raadpleging met owerhede, veral met die Departement van Waterwese (DW) onderneem, wat die terreinseleksie en evalueringsproses wat gevolg is, langer as die verwagte projekskedule laat strek het.

Hierdie OIE Nuusbriëf poog om u op hoogte te bring met betrekking tot die OIE-proses, insluitend die take en openbare raadpleging wat nog onderneem moet word.

AGTERGROND

Zitholele Consulting (Edms.) Bpk. (hierna 'Zitholele Consulting' genoem) is deur Eskom aangestel om die Geïntegreerde Afval- en Omgewingsmagtigingsproses vir die 60-jaar asverwyderingsinstallasie by die Kusile Kragstasie te onderneem. Die Kusile Kragstasie is 'n steenkoolkragstasie wat Eskom tans tussen Bronhorstspuit en eMalaheni in Mpumalanga oprig as deel van die uitbreiding van sy kragopwekkingsvloot.

Die Kusile Kragstasie beskik tans oor omgewingsmagtiging vir 'n dubbele verwyderingsinstallasie wat 10 jaar se as- en gipsneerslag kan hanteer. Sodra asneerslag op die 60-jaar

asverwyderingsinstallasie 'n aanvang neem, sal die dubbele verwyderingsinstallasie slegs die gipsafvalstroom ontvang. Hierdie aanleg is gemagtig as deel van die Rekord van Besluitneming (RvB) wat in 2008 deur die eertydse Departement van Omgewingsake en Toerisme (DOT) vir die ontwikkeling van die kragstasie uitgereik is. Weens die ontoereikendheid daarvan, met inagneming van die kragstasiebedrywighede vir die volgende 60 jaar, verg dit 'n bykomende, groter asverwyderingsinstallasie om die meeste van die as wat deur die kragstasie gegenereer word, te akkommodeer.

PROJEKBESKRYWING

Die verbranding van steenkool in die Kusile Kragstasie wanneer dit eers in bedryf is, sal as produseer wat op 'n omgewingsveilige en volhoubare wyse verwyder sal moet word. Hoewel Eskom probeer om asverwerking aan te moedig en te vermeerder, is daar 'n risiko dat sodanige verwerking nie sal lei tot die wesenlike verbruik daarvan nie. Die enigste bedryfbare opsie om hierdie ekstra afvalstroom te hanteer, is om dit by 'n asverwyderingsinstallasie (AVI) te stort wat spesifiek ontwerp is om die as wat oor 'n tydperk van 60 jaar geproduseer word te akkommodeer, met inagneming van die huidige steenkoolgehalte wat aan die Kusile Kragstasie gelewer sal word.

Tans word dit in die vooruitsig gestel dat die projek die volgende komponente sal insluit:

- 'n Gevoerde droëasverwyderingsinstallasie met 'n beraamde voetspoorgrootte van hoogstens 1 500 ha;

- gepaardgaande infrastruktuur soos stapelaars, aswaterterugvoerdamme, pyplyne en vervoerders;
- 'n vervoerband vir die vervoer van as na die AVI;
- die afvalstroom, wat bestaan uit 'n gekombineerde bodemas en vliegassafvalstroom;
- dienste, wat insluit elektrisiteit- en watertoevoer in die vorm van kraglyne, pyplyne en gepaardgaande infrastruktuur; en
- toegang- en instandhoudingspaaie na die terrein.

Tydens die konseptuele ingenieursontwerp is die konsepmodelle vir die verskillende terreinalternatiewe so ver moontlik geoptimaliseer ten einde die voetspoor van die AVI te verklein deur die stapel hoër te maak. Die AVI-hoogte is egter beperk deur die kenmerke van die onderliggende geologie.

Vervoerders sal gebruik word om die as vanaf die kragstasie na die pasvoorgestelde asinstallasie te vervoer. Daar word in die vooruitsig gestel dat 'n twee-stapelaarsstelsel gebruik sal word om die as van die vervoerbandstelsel op die AVI te plaas.

WAAR IS ONS IN DIE OIE-PROSES?

Openbare raadpleging oor die Konsep Bestekopnameverslag (KBV) is in Februarie en Maart 2012 onderneem. Die Finale Bestekopnameverslag (FBV) en gepaardgaande dokumente is op Dinsdag, 14 Augustus 2012 by die DO ingedien vir aanvaarding van die Finale Bestekopnameverslag (FBV) en goedkeuring van die Plan van Studie (PvS) vir die OIE. Aanvaarding van die FBV en goedkeuring van die PvS is op 8 Oktober 2012 van die DO ontvang. Die FBV is op Zitholele se webwerf (www.zitholele.co.za) en op Eskom se webwerf (www.eskom.co.za/eia) beskikbaar. Dit is belangrik om daarop te let dat die Openbare Deelnameproses (ODP) regdeur die OIE plaasgevind het. Indien u 'n afskrif van die DO se brief ter aanvaarding van die FBV en PvS verlang, rig asseblief u skriftelike versoek per e-pos, faks of brief (kontakbesonderhede hieronder) aan ons.

Zitholele Consulting is tans in die Omgewingsimpakverslagfase van die projek (Figuur 1) en poog om die Konsep Omgewingsimpakverslag (KOIV) en Konsep Omgewingsbestuursprogram (KOBPr) in Januarie 2014 af te handel. As 'n Belanghebbende sal u in kennis gestel

word van die beskikbaarheid van hierdie twee konsepdokumente vir openbare besigtiging en kommentaar.



Figuur 1: OIE-proses Vloeikaart

OORWEGING VAN ALTERNATIEWE

Vyf (5) bedryfbare terreinalternatiewe is tydens die terreinseleksie en bestekopnamefase van die projek geïdentifiseer. Hierdie terreine sluit in Terrein A, B, C, F en G. Daar is voorts geïdentifiseer dat party van hierdie terreine nie groot genoeg is om die hele 60 jaar se asneerslae te akkommodeer nie. Gevolglik is ses (6) verwyderingsscenario's geïdentifiseer en verder gevoer in die OIE-fase. Die bedryfbare verwyderingsscenario's wat vanuit 'n omgewingsoogpunt geïdentifiseer en tydens die OIE-fase ondersoek is, sluit die volgende in:

1. Terrein A
2. Terrein B
3. Terrein C
4. Terrein F en klein A (ingekorte voetspoor van A)
5. Terrein G en klein A (ingekorte voetspoor van A)
6. Terrein F en G gesamentlik

Konseptuele ingenieursontwerp en spesialis impak-evaluerings is vir die ses (6) verwyderingsscenario's onderneem (sien die liggingskaart).

'n Lys met eiendomme wat potensieel deur hierdie voorgestelde projek geraak sal word, en spesifiek die terreinalternatiewe wat hierbo genoem is, is aangeheg. Die lys met eiendomme, gekategoriseer per terrein, bied die plaasnaam, plaasnommer en gedeeltenommer.

SPESIALISSTUDIES

Die volgende spesialisstudies is deur Zitholele Consulting onderneem, gegrond op die potensiele impakte wat tydens die Bestekopnamefase geïdentifiseer is; kommentaar wat tydens openbare en owerheidsraadpleging ontvang is; en spesifieke vereistes wat deur die instemmende owerhede (DO en DW) uiteengesit is:

- Klassifiseringsevaluering van die As;
- Konseptuele Ingenieursontwerp, Bedryfsplan en Topografiese Opname;
- Geotegniese Evaluering;
- Evaluering van Grondekologie (Fauna en Flora);
- Evaluering van Avifauna;
- Erfenisimpakevaluering;
- Maatskaplike Impakevaluering;
- Evaluering van Oppervlakwater en Vleiland-deliniasie;
- Evaluering van Akwatiese Ekologie;
- Evaluering van Grondwater;
- Evaluering van Verkeersimpak;
- Opinie rondom Luggehalte;
- Evaluering van Geraasimpak;
- Evaluering van Grondsoorte en Grondvermoë;
- Evaluering van Visuele Impak; en
- Evaluering van Volhoubaarheid.

Hierdie spesialisstudies is voltooi en sal aan B&GP's beskikbaar gestel word vir besigtiging tydens die

volgende openbare besigtigingstydperk, wat geskeduleer is om in Januarie 2014 'n aanvang te neem.

KOIV EN KOBPr

Die KOIV sal besonderhede insluit van die openbare deelnameproses wat onderneem is, 'n gedetailleerde beskrywing van die voorgestelde ontwikkeling, evaluering van die bedryfbare alternatiewe en gedetailleerde konseptontwerpe. Die KOIV sal ook versagtingsmaatreëls, gedetailleerde impakevaluering van alle geïdentifiseerde impakte, gedetailleerde spesialisondersoeke en gedetailleerde omgewingsimpakstellings insluit. Die KOIV sal voldoen aan die vereistes van die Nasionale Wet op Omgewingsbestuur, soos gewysig, en aan die OIE-regulasies (Staatskennisgewing R543 – R546) van 2010.

Die KOBPr sal die versagtings- en bestuursmaatreëls uiteensit wat tydens die oprigtings- en bedryfsfase van die AVI onderneem moet word. Versagtings- en bestuursmaatreëls sal die potensieel wesenlike impakte aanspreek wat met die werksaamhede tydens enige van die projekfases gepaard gaan ten einde die omgewing (biofisies sowel as maatskaplik) teen skade te beskerm.

Die KOIV en KOBPr sal vanaf Januarie tot Maart 2014 aan B&GP's beskikbaar gestel word vir besigtiging en kommentaar. Die beskikbaarheid van die KOIV en KOBPr, asook die datum van die Openbare Vergadering, sal in die onderskeie koerante en media wat tydens die Bestekopnamefase gebruik is, geadverteer word. Ná hierdie openbare en owerheidsbesigtigingstydperk sal hierdie dokumente, waar van toepassing, bygewerk word met die inligting wat van belanghebbendes ontvang is. Die FOIV en OBPr sal aan die publiek voorgelê word vir finale oorsig en kommentaar en aan die DO vir besluitneming.

Monitering van omgewingsvoldoening sal tydens die konstruksie- en bedryfsfase geïmplementeer word om voldoening te verseker aan die bepalinge van die FOIV, OBPr en die voorwaardes soos gestipuleer in die Afvalbestuurlisensie wat deur die DO uitgereik word.

OPENBARE DEELNAMEPROSES

Ons wil graag van hierdie geleentheid gebruik maak om aan Belanghebbendes 'n kort opsomming te bied van die Openbare Deelnameproses (ODP) wat tydens die Bestekopnamefase onderneem is, en van die belangrike bedrywighede tydens hierdie fase:

- Advertensies is tussen 7 en 14 Oktober 2011 in die koerante – *Beeld, Corridor Gazette, Die Springs Advertiser, Echo, Ekasi News, Mpumalanga News, Ridge Times News, Streeknuus, The Herald en Witbank Nuus* – geplaas om die geleentheid vir deelname aan te kondig;
- Vergaderings met owerhede om ooreen te kom oor proses- en studievereistes;
- Aanvanklike kennisgewing aan die publiek en grondeienaars, wat die oprigting van terreinkennisgewings, die verspreiding van Agtergrondinligtingsdokumente (AID's) en 'n uitnodiging om by te dra tot die OIE-proses aan B&GP's in en om die projekgebied ingesluit het;
- Verspreiding en aankondiging van die beskikbaarheid van die KBV en Kommentaar-en-Antwoordverslag (KAV);
- Sameroeping van 'n vergadering met Belanghebbendes in die projekgebied om kommentaar oor die KBV in te win;
- Bywerking en indiening van die FBV en Plan van Studie vir die OIE by die DO; en
- Verspreiding van die FBV en byeenbring van kommentaar voor indiening by die DO.

Openbare Deelname en raadpleging met owerhede vir kommentaar oor die KOIV is geskeduleer om 'n aanvang te neem in Januarie 2014 tot Maart 2014. Kennisgewings van belangrike Openbare Deelnamebedrywighede, d.i. Openbare Vergadering en beskikbaarheid van die KOIV en KOBPr vir besigtiging en kommentaar, sal deur e-poskennisgewings aan alle geregistreerde Belangstellende en Geaffekteerde Partye (B&GP's) geskied. B&GP's wat nie e-posadresse het nie, sal per faks of pos verwittig word, afhangend van die kontak-besonderhede wat deur die B&GP's verskaf is. Die KOIV

en KOBPr sal in dieselfde openbare lokale geplaas word as tydens die Bestekopnamefase. Geregistreerde B&GP's kan 'n skriftelike versoek vir 'n elektroniese kopie (CD) van hierdie konsep en finale dokumente rig.

DEURLOPENDE OPENBARE BETROKKENHEID

Openbare betrokkenheid is een van die hoekstene van doeltreffende omgewingsevaluering aangesien dit u kommentaar is wat waarde tot 'n geïntegreerde en volhoubare omgewingsproses toevoeg. Dit is ook 'n raadplegingsproses wat lei tot 'n gesamentlike poging deur belanghebbendes, tegniese spesialiste, die owerhede en die applikant – wat saamwerk om beter besluite mee te bring. Daarom versoek ons weereens u aktiewe deelname aan hierdie fase van die OIE.

PAD VORENTOE

Neem asseblief kennis dat openbare deelname 'n deurlopende kommunikasie- en raadplegingsproses is. U sal dus deur persoonlike korrespondensie en advertensies ingelig word van die verskeie oorblywende stadiums van hierdie OIE, insluitend die appèlprosedures om te volg sodra 'n besluit deur die bevoegde owerheid (DO) geneem is.

Indien u tydens hierdie impakevalueringfase enige verdere inligting verlang of kommentaar wil indien betreffende die spesialisstudies oor die voorgestelde Asverwyderingsinstallasie-projek, is u welkom om u insette skriftelik aan die Openbare Deelnamekantoor hieronder te stuur of deur die Kommentaarvorm in te vul wat by hierdie OIE-nuusbrief ingesluit is.

Ons sien uit na u bydraes en deurlopende betrokkenheid!

KOMMENTAAR EN NAVRAE

Nicolene Venter

Posbus 6002

Halfway House, 1685

Tel: 011 207 2060

Faks: 086 676 9950

E-pos: nicolenev@zitholele.co.za

Webwerf: www.zitholele.co.za

Ingeslote dokumentasie:

OIE-nuusbrief Kommentaarvorm

OIE Liggingskaart

Lys met potensieel geaffekteerde eiendomme

**Omgewingsimpakstudies en
Waterbestuurslisensie Aansoeke vir die
voorgestelde
60 jaar aswegdoeningsfasiliteit by Kusile
Kragstasie**

DEA Vers.no 12/12/20/2412 en NEAS Verw.no.: DEA/EIA/0000514/2011

**KOMMENTAARVORM
OIS NUUSBRIEF**

Desember 2013



OIE Publieke Deelname Kantoor

Nicolene Venter
Zitholele Consulting (Edms) Bpk
Posbus 6002, Halfway House, 1685
Tel: (011) 207 2076/2075/2077
Faks: 086-676-9950
E-pos: nicolenev@zitholele.co.za

Voltooi asseblief en stuur terug aan die Publieke Deelname Kantoor (inligting soos bo)

TITEL		NAAM	
VAN			
ORGANISASIE (Vermy asb afkortings)			
ADRES		POSKODE	
TEL NO.			
SELFOON NO.			
FAKS NO.			
E-POS ADRES			
HANDTEKENING		Plaasnaam en gedeeltenommer, indien u moontlik geaffekteerde grondeienaar is of u eiendom aangresend tot die voorgestelde terreine is	
DATUM			

KOMMENTAAR RAKENDE INLIGTING VOORSIEN IN DIE OIE NUUSBRIEF (Gebruik asb addisionele bladsye, indien nodig)

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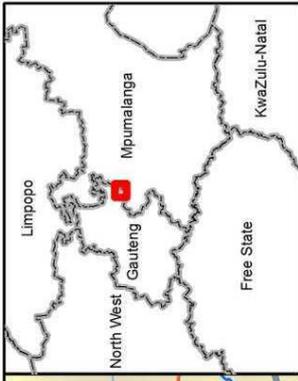
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**DANKIE VIR U BYDRAE
(see reverse side for English)**



LEGEND

- Site A
- Site B
- Site C
- Site F
- Site G
- Site small A
- Kusile Property Boundary
- Non Perennial Rivers
- Perennial Rivers
- updated_landowner_info
- National Freeway
- Main Road
- Secondary Road
- New Kusile Road

RESOURCES/NOTES

DRAFT

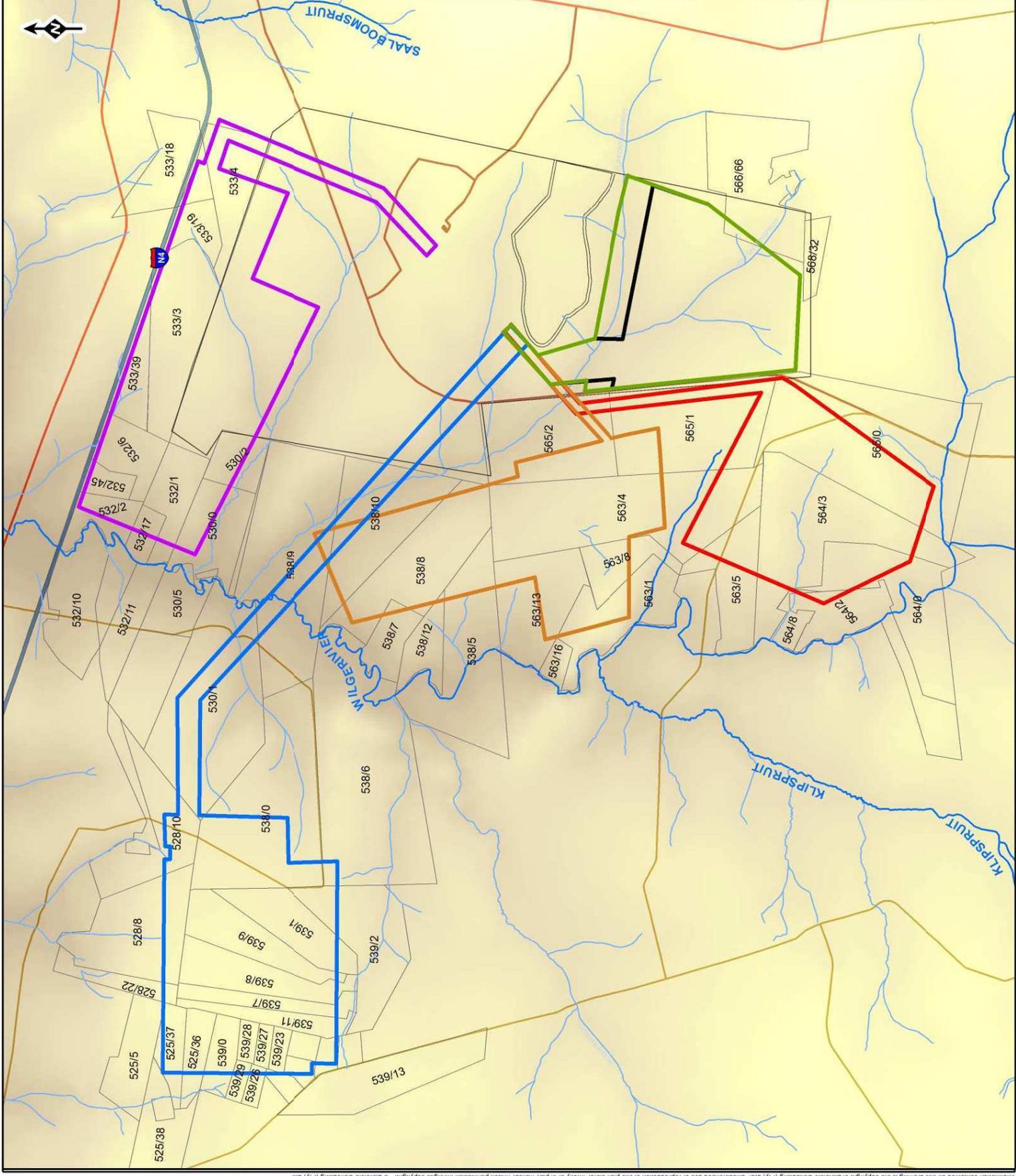
0 0.5 1 2 3
Kilometers

REFERENCE
Coordinate System: GCS Hartbeesthoek 1994

PROJECT
EIA FOR KUSILE ASH DISPOSAL FACILITY

TITLE
**KUSILE 60 YEAR ADF:
SITE ALTERNATIVES**

PROJECT No.	12712	REV 0
SCALE	1:66,924	A3
GIS	SP	06/12/2013
CHECK	MV	06/12/2013
REVIEW	MV	06/12/2013



**EIA AND WASTE MANAGEMENT LICENSE APPLICATION: PROPOSED 60 YEAR ASH
DISPOSAL FACILITY AT KUSILE POWER STATION**

DEA Ref No 12/12/20/2412) (NEAS Reference: DEA/EIA/0000514/2011

POSSIBLY AFFECTED PROPERTIES (per site alternative)

FARM NAME	FARM NO	PORTION NO
Site A (including proposed conveyor route):		
Eskom owned property		
Site B (including proposed conveyor route):		
NOOITGEDACHT	525	5
		36
		37
JAKHALSFONTEIN	528	8
		10
		22
KORTFONTEIN	530	1
BOSSEMANSKRAAL	538	Remainder
		9
		8
		10
WITKLIP	539	Remainder
		1
		2
		7
		8
		9
		11
		23
		26
		27
		28
29		
Site C (including proposed conveyor route):		
KORTFONTEIN	530	Remainder
		1

		2
ONVERWACHT	532	1
		2
		6
		17
		45
SPITSKOP	533	3
		4
		18
		19
		39
Site F (including proposed conveyor route):		
BOSSEMANSKRAAL	538	5
		7
		8
		9
		10
		12
WITPOORT	563	1
		4
		8
		13
		16
DWAALFONTEIN	565	1
		2
Site G (including proposed conveyor route):		
WITPOORT	563	4
		5
NOOITGEDACHT	564	Remainder
		2
		3
		8
DWAALFONTEIN	565	1
		2

ICATION FOR THE PROPOSED EXTENSION FOR THE ASH DISPOSAL FACILITY AT KUSILE POWER STATION

412; NEAS Ref: DEA/EIA/0000514/2011

AFFECTED PROPERTIES: EIA Newsletter

FARMNAME	SG_CODE	FARM_NO	PORTION	RAJ_REGIOIS12_NAME	PROVINCE	AD INFORM
KLIPFONTEIN	TOJR000000	566	40 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	41 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	42 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	43 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	44 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	45 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	46 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	47 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	48 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	49 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	50 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	52 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	53 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	54 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	66 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	10 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	11 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	19 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	21 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	25 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	26 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	30 JR	Delmas	Mpumalanga	Granted / R
	TOJR000000	537	5 JR	Delmas	Mpumalanga	Application
DWAALFONTEIN	TOJR000000	565	1 JR	Delmas	Mpumalanga	Granted / R
DWAALFONTEIN	TOJR000000	565	2 JR	Delmas	Mpumalanga	Granted / R
	TOJR000000	537	0 JR	Delmas	Mpumalanga	Application
	TOJR000000	537	2 JR	Delmas	Mpumalanga	Application
	TOJR000000	537	3 JR	Delmas	Mpumalanga	Application
	TOJR000000	537	4 JR	Delmas	Mpumalanga	Application
KLIPFONTEIN	TOJR000000	566	3 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	9 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	568	32 JR	Delmas	Mpumalanga	Granted / R
KLIPFONTEIN	TOJR000000	566	51 JR	Delmas	Mpumalanga	Application
DWAALFONTEIN	TOJR000000	565	0 JR	Delmas	Mpumalanga	Granted / R

Nicolene Venter

From: Patiswa Mnqokoyi
Sent: 23 May 2014 03:36 PM
Subject: EIA & WML APPLICATIONS FOR THE PROPOSED ASH DISPOSAL FACILITY AT KUSILE POWER STATION – Project Status Update
Attachments: 12712 - Kusile 60 year ADF Newsletter - Rev 1.pdf; 12712-EIA Locality Map.pdf
Importance: High

Dear Stakeholder,

DEA Ref No 12/12/20/2412) (NEAS Reference: DEA/EIA/0000514/2011)

We would like to take this opportunity to provide you with a brief project status update since our last communication to you regarding the above-mentioned proposed project.

In December 2013 we distributed the EIA Newsletter (attached for easy reference) which contained key technical, site alternatives and environmental aspects as well as dates in terms of the EIA process (**Figure 1: EIA process flow chart**). Since then, a number of strategic matters needed to be attended to which impacted on the dates provided.

The latest project information and envisaged timelines are as follows:

- Project Status:
All outstanding technical issues have been sorted out and the DEIR is in an advanced stage of completion.
- Updated envisaged EIA and public participation time lines:
 - Draft Environmental Impact Assessment Report (DEIR) and Draft Environmental Management Programme (DEMPr)
 - Envisaged review period: Tuesday 17 June 2014 to Monday 28 July 2014
 - Key Stakeholder Workshop (Government Departments, Organs of State, Chairpersons of Associations, etc)
 - Envisaged week of 23 June 2014
 - Presenting summary of the environmental findings and mitigation measures proposed
 - To receive comments on the DEIR and DEMPr from the attendees
 - Opportunity to raise any additional comments / concerns not yet raised in the EIA process
 - Focus Group Meeting with affected and adjoining landowners:
 - Envisaged week of 23 June 2014
 - Presenting summary of the environmental findings and mitigation measures proposed
 - To receive comments on the DEIR and DEMPr from the attendees
 - Opportunity to raise any additional comments / concerns not yet raised in the EIA process
 - Public Meeting (all interested and affected parties)
 - Envisaged week of 23 June 2014
 - Presenting summary of the environmental findings and mitigation measures proposed
 - To receive comments on the DEIR and DEMPr from the attendees
 - Opportunity to raise any additional comments / concerns not yet raised in the EIA process
 - Final Environmental Impact Assessment Report (FEIR) and Draft Environmental Management Programme (EMPr)
 - Envisaged review period: 09 September 2014 to Thursday 09 October 2014

It is important to note, that should any of the above-mentioned envisaged dates change, you will be notified accordingly.

A word of thanks to all the stakeholders who had participated thus far in the EIA and public participation processes.

Kind Regards,

Nicolene Venter [Cert. Public Relations]

Senior Public Participation Practitioner

Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road & Maxwell Drive, Waterfall City, Midrand, RSA

T: +27 11 207 2060 **D:** +27 11 207 2077 **F:** +27 86 676 9950 **C:** +27 83 377 9112

E: nicolenev@zitholele.co.za **W:** www.zitholele.co.za



Please consider the environment before printing this e-mail!



Kariesha Tilakram

From: Kariesha Tilakram
Sent: 28 May 2014 09:02 AM
To: 'nngoveni@environment.gov.za'
Cc: Nicolene Venter
Subject: DEA ref no: 12/12/20/2412

Dear Nyiko,

This is a confirmation email following our telephonic conversation at 08:32am on the DEIR for the proposed extension of the ash disposal facility at kusile power station - DEA ref no: 12/12/20/2412.

I called to find out how many of copies of the DEIR you require us to submit for your review and comments.

You had confirmed 2 hardcopies in colour and 1 CD copy will be fine and that you will distribute these copies to the relevant departments to comment on (e.g waste department).

Thank you for your assistance. It is kindly appreciated.

Have a good day.

Regards,

Kariesha Tilakram [BSc Hons. Environmental Management]
Junior Environmental Consultant
Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road &
Maxwell Drive, Waterfall City, Midrand, RSA
T: +27 11 207 2064 **D:** +27 11 088 8461 **F:** +27 86 676 9950 **C:** +27 79 230 2844
E: KarieshaT@zitholele.co.za **W:** www.zitholele.co.za



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Kariesha Tilakram

From: Kariesha Tilakram
Sent: 28 May 2014 11:10 AM
To: 'Samuel.mathavhela@dmr.gov.za'
Cc: Nicolene Venter
Subject: RE: Kusile 60 Year ADF – DEIR for comment – Confirmation e-mail

Dear Samuel,

This is a confirmation email following our telephonic conversation on Monday about the DEIR for the proposed extension of the ash disposal facility at kusile power station - DEA ref no: 12/12/20/2412.

I called to find out how many of copies of the DEIR you require us to submit for your review and comments.

You had confirmed that 1 hardcopy in colour will be fine.

Thank you for your assistance. It is kindly appreciated.

Have a good day.

Regards,

Kariesha Tilakram [BSc Hons. Environmental Management]
Junior Environmental Consultant
Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road &
Maxwell Drive, Waterfall City, Midrand, RSA
T: +27 11 207 2064 **D:** +27 11 088 8461 **F:** +27 86 676 9950 **C:** +27 79 230 2844
E: KarieshaT@zitholele.co.za **W:** www.zitholele.co.za



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Kariesha Tilakram

From: Kariesha Tilakram
Sent: 28 May 2014 11:48 AM
To: 'pmojapelo@mpg.gov.za'
Cc: Nicolene Venter; 'malopeaj@mpg.gov.za'
Subject: Kusile 60 Year ADF – DEIR for comment – Confirmation e-mail

Dear Portia,

This is a confirmation email following my telephonic conversation with Mr. Malope at 11:40 am on the DEIR for the proposed extension of the ash disposal facility at kusile power station - DEA ref no: 12/12/20/2412.

As confirmed by Mr Malope, I will be submitting 1 CD copy of the DEIR to you for review and comments.

Thank you for your assistance. It is kindly appreciated.

Have a good day.

Regards,

Kariesha Tilakram [BSc Hons. Environmental Management]

Junior Environmental Consultant

Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road & Maxwell Drive, Waterfall City, Midrand, RSA

T: +27 11 207 2064 **D:** +27 11 088 8461 **F:** +27 86 676 9950 **C:** +27 79 230 2844

E: KarieshaT@zitholele.co.za **W:** www.zitholele.co.za



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Kariesha Tilakram

From: Kariesha Tilakram
Sent: 28 May 2014 10:56 AM
To: 'HlongwaneD@dwa.gov.za'
Cc: Nicolene Venter
Subject: EIA: Kusile 60 Year ADF – DEIR for comment – Confirmation e-mail

Dear Dumisani,

This is a confirmation email following our telephonic conversion on Monday about the DEIR for the proposed extension of the ash disposal facility at kusile power station - DEA ref no: 12/12/20/2412.

I called to find out how many of copies of the DEIR you require us to submit for your review and comments.

You had confirmed that 3 hardcopies in colour will be fine and that you will distribute these copies to the relevant departments to comment on.

Thank you for your assistance. It is kindly appreciated.

Have a good day.

Regards,

Kariesha Tilakram [BSc Hons. Environmental Management]
Junior Environmental Consultant
Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road &
Maxwell Drive, Waterfall City, Midrand, RSA
T: +27 11 207 2064 **D:** +27 11 088 8461 **F:** +27 86 676 9950 **C:** +27 79 230 2844
E: KarieshaT@zitholele.co.za **W:** www.zitholele.co.za



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Kariesha Tilakram

From: Kariesha Tilakram
Sent: 28 May 2014 11:31 AM
To: 'zingisa.smale@gauteng.gov.za'; 'matshepo.rankoko@gauteng.gov.za'
Cc: Nicolene Venter; 'justine.chan@gauteng.gov.za'; 'matshepo.rankoko@gauteng.gov.za'
Subject: DEIR Review and Comments - Confirmation Email

Dear Zingisa,

This is a confirmation email following my telephonic conversion with Matshepo and then Justine at 11:09 am, as I could not reach you. This is about the DEIR for the proposed extension of the ash disposal facility at Kusile power station - DEA ref no: 12/12/20/2412.

Justine had confirmed that 1 hardcopy in colour was sufficient to be submitted to you for review and comments.

Thank you for your assistance. It is kindly appreciated.

Have a good day.

Regards,

Kariesha Tilakram [BSc Hons. Environmental Management]

Junior Environmental Consultant

Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road & Maxwell Drive, Waterfall City, Midrand, RSA

T: +27 11 207 2064 **D:** +27 11 088 8461 **F:** +27 86 676 9950 **C:** +27 79 230 2844

E: KarieshaT@zitholele.co.za **W:** www.zitholele.co.za



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Kariesha Tilakram

From: Kariesha Tilakram
Sent: 28 May 2014 10:49 AM
To: 'bmoduka@mpg.gov.za'
Cc: Nicolene Venter
Subject: DEIR Review and Comments - Confirmation Email

Dear Benjamin,

This is a confirmation email following our telephonic conversation at 10:30 am on the DEIR for the proposed extension of the ash disposal facility at kusile power station - DEA ref no: 12/12/20/2412.

I will be loading a copy of the DEIR on SAHRIS, as requested, for review and comments.

Thank you for your assistance. It is kindly appreciated.

Have a good day.

Regards,

Kariesha Tilakram [BSc Hons. Environmental Management]

Junior Environmental Consultant

Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road & Maxwell Drive, Waterfall City, Midrand, RSA

T: +27 11 207 2064 **D:** +27 11 088 8461 **F:** +27 86 676 9950 **C:** +27 79 230 2844

E: KarieshaT@zitholele.co.za **W:** www.zitholele.co.za



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Kariesha Tilakram

From: Kariesha Tilakram
Sent: 28 May 2014 11:04 AM
To: 'a.beetge@sanbi.org.za'
Cc: Nicolene Venter
Subject: EIA: Kusile 60 Year ADF – DEIR for comment – Confirmation e-mail

Dear Andre,

This is a confirmation email following our telephonic conversation at 10:12am on the DEIR for the proposed extension of the ash disposal facility at kusile power station - DEA ref no: 12/12/20/2412.

I will be submitting 1 CD copy of the DEIR to you for review and comments.

Thank you for your assistance. It is kindly appreciated.

Have a good day.

Regards,

Kariesha Tilakram [BSc Hons. Environmental Management]

Junior Environmental Consultant

Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road & Maxwell Drive, Waterfall City, Midrand, RSA

T: +27 11 207 2064 **D:** +27 11 088 8461 **F:** +27 86 676 9950 **C:** +27 79 230 2844

E: KarieshaT@zitholele.co.za **W:** www.zitholele.co.za



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Nicolene Venter

From: Nicolene Venter
Sent: 21 July 2014 02:09 PM
To: 'Lindiwe Motaung'
Cc: Mathys Vosloo
Subject: RE: Kusile 60 Year ADF - Follow-up on concern regarding site C

Tracking:	Recipient	Delivery	Read
	'Lindiwe Motaung'		
	Mathys Vosloo	Delivered: 21/07/2014 02:02 PM	Read: 21/07/2014 02:13 PM

Hi Lindiwe – I've typed too fast. The feedback is *the team will now be able to*

Apologies for the typo

Kind Regards,

Nicolene Venter [Cert. Public Relations]

Senior Public Participation Practitioner

Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road & Maxwell Drive, Waterfall City, Midrand, RSA

T: +27 11 207 2060 **D:** +27 11 207 2077 **F:** +27 86 676 9950 **C:** +27 83 377 9112

E: nicolenev@zitholele.co.za **W:** www.zitholele.co.za



Please consider the environment before printing this e-mail!



From: Nicolene Venter
Sent: 21 July 2014 01:02 PM
To: 'Lindiwe Motaung'
Cc: Mathys Vosloo
Subject: RE: Kusile 60 Year ADF - Follow-up on concern regarding site C

Hi Lindiwe,

Yes, thank you very much. The team will not be able to address your concern in the Comments and Responses Report.

Kind Regards,

Nicolene Venter [Cert. Public Relations]

Senior Public Participation Practitioner

Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road & Maxwell Drive, Waterfall City, Midrand, RSA

T: +27 11 207 2060 **D:** +27 11 207 2077 **F:** +27 86 676 9950 **C:** +27 83 377 9112

E: nicolenev@zitholele.co.za **W:** www.zitholele.co.za



Please consider the environment before printing this e-mail!



From: Lindiwe Motaung [<mailto:MotaunLw@eskom.co.za>]
Sent: 21 July 2014 12:01 PM
To: Nicolene Venter
Cc: Mathys Vosloo

Subject: RE: Kusile 60 Year ADF - Follow-up on concern regarding site C
Importance: High

Hi Nicolene

I have a project in the vicinity of Site C. My project is the Kimberly Strengthening Phase 4 which entails amongst others,:

BETA-BOUNDARY

Project components :

- ▶ Approximately 90km double circuit 400kV powerline from the existing Beta Tx (Transmission) Substation to the existing Boundary Dx Substation
- ▶ Upgrade of Beta Tx (Transmission Substation)
- ▶ New Boundary Tx (Transmission) Substation adjacent to the existing Boundary Dx (Distribution) Substation

Route alternatives :

- ▶ Three route corridor alternatives are considered. The final proposed route corridor could be a combination of these alternatives

I trust that you find the above in order.

Regards
Lindiwe

From: Nicolene Venter [<mailto:nicolenev@zitholele.co.za>]
Sent: 20 July 2014 06:36 PM
To: Lindiwe Motaung
Cc: Mathys Vosloo
Subject: EIA: Kusile 60 Year ADF - Follow-up on concern regarding site C
Importance: High

Hi Lindiwe,

With reference to your EIA Newsletter Comment Sheet received (refer to attached PDF), you included a comment in the *Farm name and portion number if you are a potentially affected landowner or own property adjacent to the proposed sites* informing us that you are concerned regarding alternative C.

We are in the process of finalising the Comments and Responses Report for inclusion into the Draft Environmental Impact Assessment Report and we would appreciate it if you can please be so kind as to elaborate what your concern regarding Site C is. Currently we cannot respond to your concern.

It will be appreciated if we can receive your written concern before the end of business day on Monday 21 July 2014.

Looking forward to hear from you.

Kind Regards,

Nicolene Venter [Cert. Public Relations]

Senior Public Participation Practitioner

Building 1, Maxwell Office Park, Magwa Crescent West, cnr Allandale Road & Maxwell Drive, Waterfall City, Midrand, RSA

T: +27 11 207 2060 **D:** +27 11 207 2077 **F:** +27 86 676 9950 **C:** +27 83 377 9112

E: nicolenev@zitholele.co.za **W:** www.zitholele.co.za



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Nicolene Venter

From: Nicolene Venter
Sent: 08 January 2014 10:15 AM
To: 'MuthraparsadN@dwa.gov.za'
Cc: Leoni Lubbe (Leonil@zitholele.co.za)
Subject: EIA: Kusile 60 Year ADF - Acknowledgement of e-mail

Tracking:	Recipient	Delivery	Read
	'MuthraparsadN@dwa.gov.za'		
	Leoni Lubbe (Leonil@zitholele.co.za)	Delivered: 08/01/2014 10:13 AM	
	Leoni Lubbe		Read: 09/01/2014 02:25 PM

Dear Namisha,

Please receive herewith acknowledgement of your e-mail below and thank you for informing us that your Sub-Directorate does not accept documents via e-mail due to tracking purposes.

We can confirm that DWA's Regional Office has also received the EIA Newsletter (i.e. Mr Dumisane Hlongwane).

It will be appreciated if you can confirm whether we can keep you, as a DWA Head Office Representative on the project database to receive notifications regarding this proposed project.

Kind Regards,

Nicolene Venter [Cert. Public Relations]

Senior Public Participation Practitioner

Block B, Thandanani Park, Matuka Close, Halfway Gardens, Midrand, 1685, RSA

T: +27 11 207 2060 **D:** +27 11 207 2077 **F:** +27 86 676 9950

C: +27 83 377 9112

E: nicolenev@zitholele.co.za **W:** www.zitholele.co.za



Please consider the environment before printing this e-mail!



From: Muthraparsad Namisha [<mailto:MuthraparsadN@dwa.gov.za>]

Sent: Wednesday, December 18, 2013 8:09 AM

To: Leoni Lubbe

Cc: Hlongwane Dumisane (BHT)

Subject: RE: EIA Newsletter: Environmental Impact Assessment and Waste Management License Application for the proposed Extension for the Ash Disposal Facility at Kusile Power Station

Dear Leoni/Nicolene

Kindly note that the Sub-Directorate: Environment and Recreation does not accept documents via email due to tracking purposes. Furthermore, the entry point is the Regional Office and not Head Office directly. Kindly liaise with the Regional Office for further assistance.

Regards,

Namisha

From: Leoni Lubbe [<mailto:LeoniL@zitholele.co.za>]

Sent: Friday, December 13, 2013 2:37 PM

To: Muthraparsad Namisha

Subject: EIA Newsletter: Environmental Impact Assessment and Waste Management License Application for the proposed Extension for the Ash Disposal Facility at Kusile Power Station

Ms Namisha Muthraparsad
Department of Water Affairs

Dear Ms Muthraparsad,

Please find attached, for your attention, the following documents:

- EIA Newsletter
- EIA Newsletter Comment Form
- EIA Locality Map
- List of potentially affected properties

We are looking forward to receiving your comments.

(Afrikaanse weergawe van korrespondensie sal binnekort versprei word)

Kind Regards,

Nicolene Venter [Cert. Public Relations]

Senior Public Participation Practitioner

Zitholele Consulting

Block B, Thandanani Park, Matuka Close, Halfway Gardens, Midrand, 1685, RSA

T: +27 11 207 2060 **D:** +27 11 207 2077 **F:** +27 86 676 9950 **C:** +27 83 377 9112

E: nicolenev@zitholele.co.za **W:** www.zitholele.co.za

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DISCLAIMER: This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water Affairs further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.

THE PROPOSED EXTENTION OF THE ASH DISPOSAL FACILITY AT KUSILE POWER STATION

DEA Reference Number: 12/12/20/2412 NEAS Reference Number: DEA/EIA/0000514/2011

DISTRIBUTION OF DEIR FOR COMMENT TO COMMENTING AUTHORITIES

NAME	POSITION	DEPARTMENT	ORGANISATION	PHYSICAL ADDRESS	CONTACT DETAILS	DRAFT EIA REPORT		DATE OF DELIVERY	METHOD OF DELIVERY	DATES			
						FULL DEIR on CD (copies issued)	FULL REPORT- (COLOUR / B&W) (hard copies issued)			Confirmation Report was received - Tel & e-mail follow-up	1ST FOLLOW-UP ON WRITTEN COMMENTS (MID DEIR REVIEW PERIOD (TEL & E-MAIL FOLLOW-UP))	2ND FOLLOW-UP ON WRITTEN COMMENTS (3/4 THROUGH DEIR REVIEW PERIOD (TEL & E-MAIL FOLLOW-UP))	LAST FOLLOW-UP - 1 DAY BEFORE END OF DEIR REVIEW (TEL & E-MAIL FOLLOW-UP)
Department of Water Affairs													
Mr Dumisani Hlongwane	Environmental officer	Water Quality	Department of Water Affairs	22 Rooth Street Bronkhorstspuit	Tel: (013) 932 2061 Fax: (013) 932 2071 Cell: 072 1517083 Email: HlongwaneD@dwa.gov.za	1	3						
Mpumalanga Department of Economic Development, Environment and Tourism													
Mr Sam Maluleka	Chief Director	Environmental Services	Mpumalanga Department of Economic Development, Environment and Tourism	Building no 6 No 7 Government Boulevard Riverside Park, Nelspruit	Tel: (013) 766 4581 Fax: 013 766 4614 Cell: 082 776 1784 E-mail: smaluleka@mpg.gov.za	1							
Department of Mineral Resources													
Mr Samuel Mathavhela	Assisting Director	(eMalahleni office)	Department of Mineral Resources	Department of Mineral Resources, Directorate Mineral Regulation, Receiver of Revenue Building, Cnr of Paul Kruger & Botha Street Witbank	Tel: 013 653 0500 or Cell: 071 475 8349 E-mail: Samuel.mathavhela@dmr.gov.za	1	1						
Gauteng Department of Agriculture and Rural Development													
Zingisa Smale	Director	Waste Management	Gauteng Department of Agriculture and Rural Development	No 11 Diagonal Street, Diamond Building, New Town, Johannesburg, 2000	Tel: 011 240 2500 Fax: 086 630 2117 Email: Zingisa.smale@gauteng.gov.za PA: matshepo.rankoko@gauteng.gov.za Admin: justine.chan@gauteng.gov.za	1	1						
SANBI													
Mr Andre Beetge	Manager	Mpumalanga	SANBI	Bandoller Street, No 3, Middelburg, 1050, MP	Cell: 084 240 2264 E-mail: abeetge@sanbi.co.za	1							
SAHRA													
Mr Benjamin Moduka	Heritage Officer	Heritage	SAHRA	1st & 2nd floor, Building no 5, Government Complex, Riverside Park, Nelspruit, 1200	Tel: 013 766 5196 E-mail: bmoduka@mpg.gov.za								
Wildlife and Environmental Society of South Africa													
Mr Rudzani Nemukula	Environmental officer	Biodiversity & Conservation	Wildlife and Environmental Society of South Africa	18 Blackwood Street Bryanston Ext 3	Tel: (011) 462 5663 Fax: (086) 767 1786 E-mail: Rudzani.Nemukula@wessa.co.za	1							
Emalahleni Local Municipality													
Mr Jonny Makena	Sectional head: Environmental Management	Environmental Management	Emalahleni Local Municipality	Corner Arros and Mandela Drive Emalahleni	Tel: (013) 690 6350/6924021 Fax: 086 215 2973 E-mail: makenamj@emalahleni.gov.za	1	1						
Department of Public Works, Roads and Transport (Mpumalanga)													
Portia Mojabelo	General Manager	Property Management	Department of Public Works, Roads and Transport (Mpumalanga)	16 Hope Street, Nelspruit 1200	Tel: (013) 766 6719 Email: pmojabelo@mpg.gov.za Andrew Malhope Email: malopeaj@mpg.gov.za	1							

DEA Reference Number: 12/12/20/2412 NEAS Reference Number: DEA/EIA/0000514/2011

DISTRIBUTION OF DEIR FOR COMMENT TO COMMENTING AUTHORITIES

NAME	POSITION	DEPARTMENT	ORGANISATION	PHYSICAL ADDRESS	CONTACT DETAILS	DRAFT EIA REPORT		DATE OF DELIVERY	METHOD OF DELIVERY	DATES			
						FULL DEIR on CD (copies issued)	FULL REPORT- (COLOUR / B&W) (hard copies issued)			Confirmation Report was received - Tel & e-mail follow-up	1ST FOLLOW-UP ON WRITTEN COMMENTS (MID DEIR REVIEW PERIOD (TEL & E-MAIL FOLLOW-UP))	2ND FOLLOW-UP ON WRITTEN COMMENTS (3/4 THROUGH DEIR REVIEW PERIOD (TEL & E-MAIL FOLLOW-UP))	LAST FOLLOW-UP - 1 DAY BEFORE END OF DEIR REVIEW (TEL & E-MAIL FOLLOW-UP)
Mrs Busi Mdluli	Director	Community Services	Victor Khanye Local Municipality	Corner of Samuel & Van Der Walt Street, Delmas, 2210	Tel: 013 665 1065 Fax: 013 665 6041 email: busim@victorkhanyelm.gov.za	1							

**DEIR NOTIFICATION AND REQUEST TO
COMMENT ON DEIR LETTER TO COMMENTING
AUTHORITIES, AND COPIES OF TRANSMITTAL
SLIPS WILL BE INCLUDED IN THE FINAL EIR**