

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:

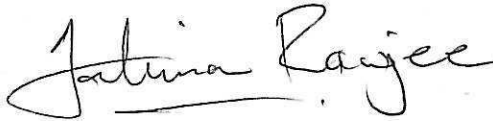
- Maps are relatable to one another;
- Cardinal points;
- Co-ordinates;
- Legible legends;
- Indicate alternatives;
- Latest land cover;
- Vegetation types of the study area; and
- A3 size locality map.

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 positioned above the printed name.

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.

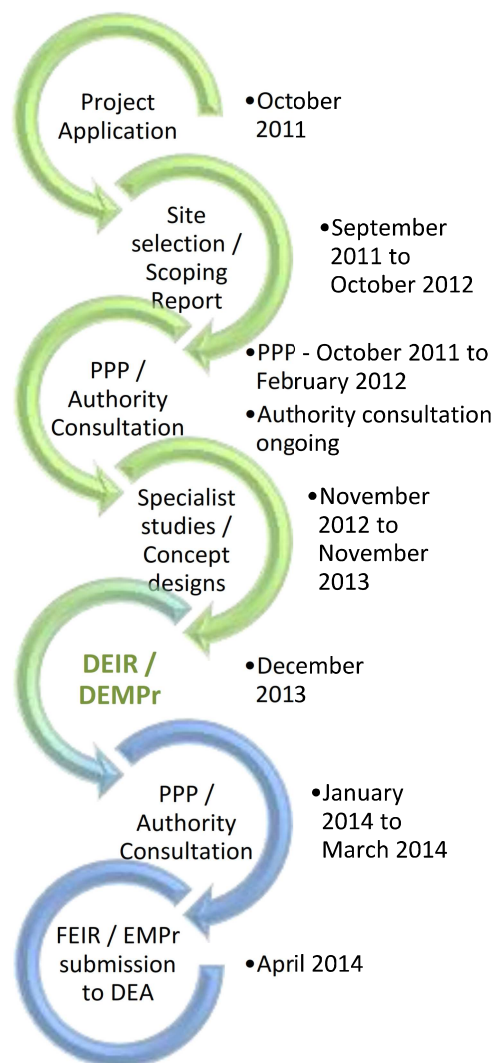


Figure 1: EIA process flow chart.

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 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

**Environmental Impact Assessment and
Waste Management License Application for a
proposed 60 year ash disposal facility at
Kusile Power Station**

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

EIA NEWSLETTER COMMENT SHEET

December 2013



EIA Public Participation Office

Nicolene Venter
Zitholele Consulting (Pty) Ltd
P O Box 6002, Halfway House, 1685
Tel: (011) 207 2076/2075/2077
Fax: 086-676-9950
Email: nicolenev@zitholele.co.za

Please complete and return to the Public Participation Office (as above)

TITLE		NAME	
SURNAME			
ORGANISATION <small>(Please do not use any acronyms)</small>			
ADDRESS		POSTAL CODE	
TEL NO.			
CELL NO.			
FAX NO.			
E-MAIL ADDRESS			
SIGNATURE		Farm name and portion number if you are a potentially affected landowner or own property adjacent to the proposed sites	
DATE			

COMMENTS ON INFORMATION AS PER THE EIA NEWSLETTER (Please use separate sheets if necessary)

.....

.....

.....

.....

.....

.....

.....

.....

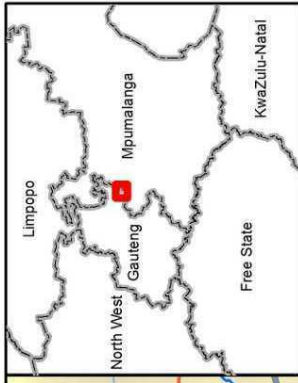
.....

.....

.....

.....

**THANK YOU FOR YOUR CONTRIBUTION
(sien keersy vir Afrikaans)**

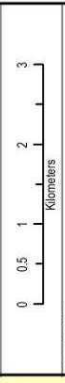


LEGEND

- 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



REFERENCE

Coordinate System: GCS Hartbeeshoek 1994

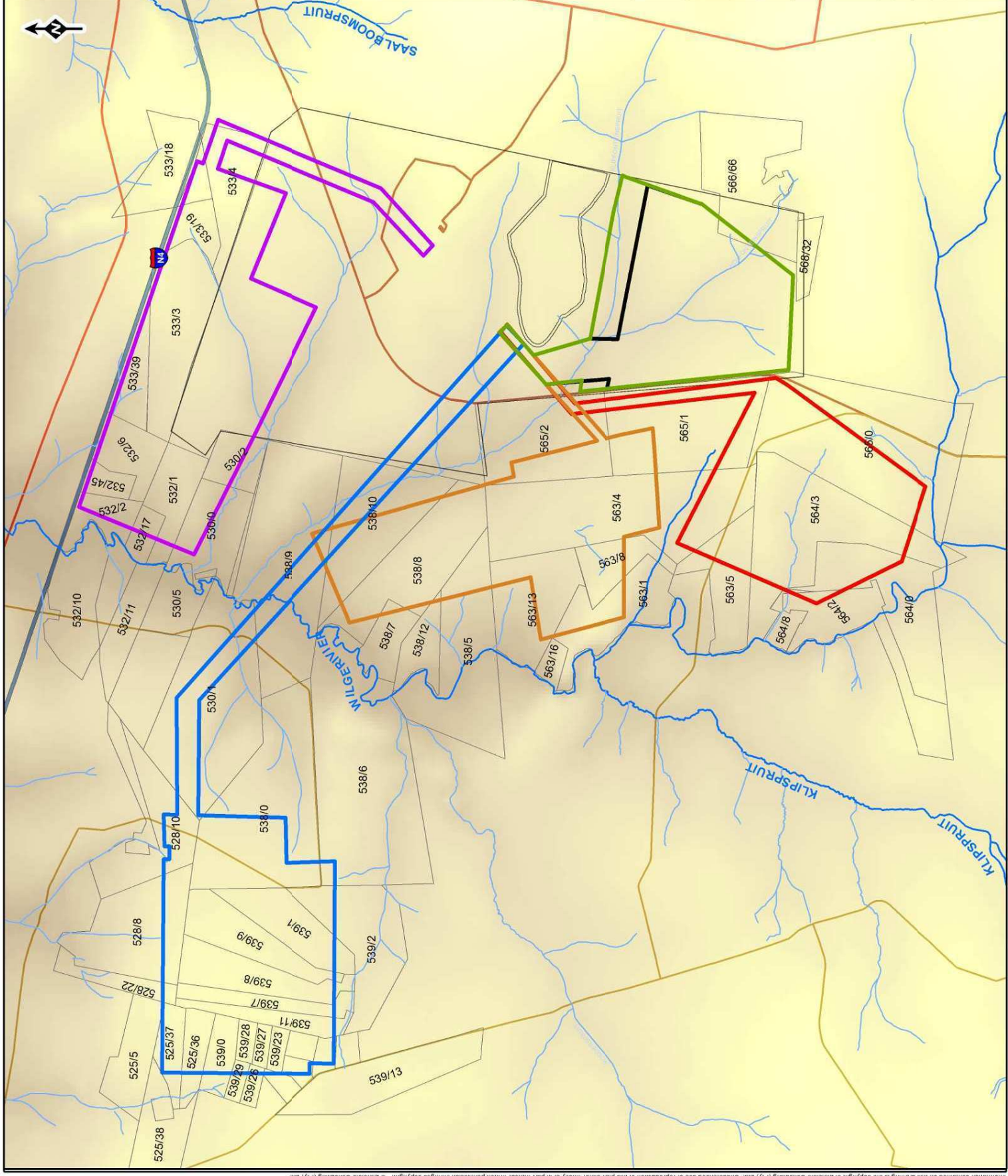
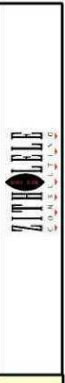
PROJECT

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
		3
SPITSKOP	533	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

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 Nuusbrieff 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 konseponterpe. 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 <small>(Vermy asb afkortings)</small>			
ADRES		POSKODE	
TEL NO.			
SELFOON NO.			
FAKS NO.			
E-POS ADRES			
HANDTEKENING		Plaasnaam en gedeeltenommer, indien u moontlik geaffekteerde grondeienaar is <u>of</u> u eiendom aangresend tot die voorgestelde terreine is	
DATUM			

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

.....

.....

.....

.....

.....

.....

.....

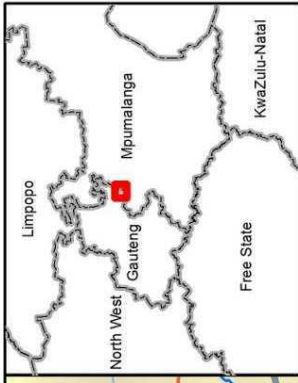
.....

.....

.....

.....

**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

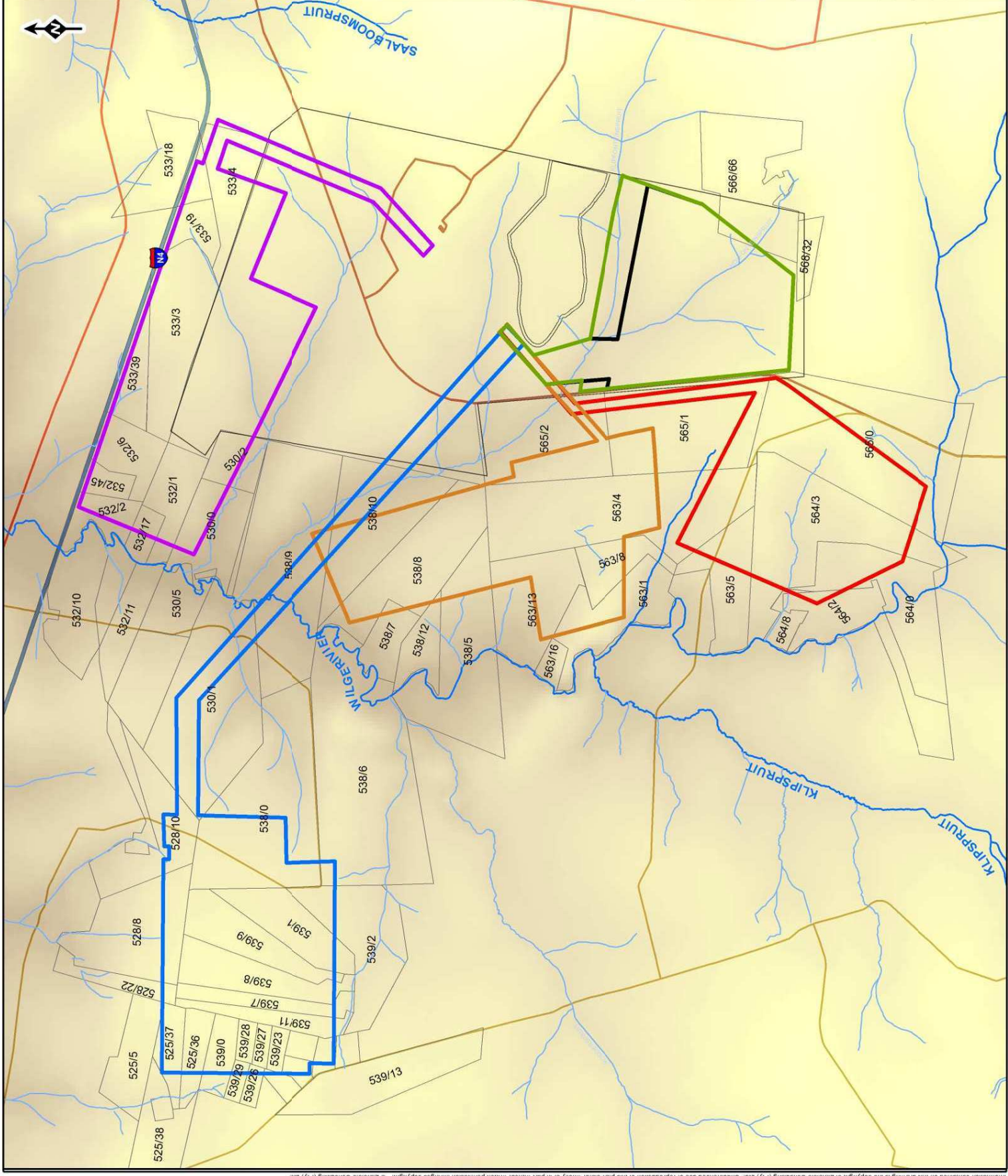
DRAFT

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**



**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

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



Please consider the environment before printing this e-mail!



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



Please consider the environment before printing this e-mail!



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



Please consider the environment before printing this e-mail!



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



Please consider the environment before printing this e-mail!



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



Please consider the environment before printing this e-mail!



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



Please consider the environment before printing this e-mail!



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



Please consider the environment before printing this e-mail!



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



Please consider the environment before printing this e-mail!



**Environmental Impact Assessment and
Waste Management License Application for a
proposed 60 year ash disposal facility at
Kusile Power Station**

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

EIA NEWSLETTER COMMENT SHEET

December 2013



EIA Public Participation Office

Nicolene Venter
Zitholele Consulting (Pty) Ltd
P O Box 6002, Halfway House, 1685
Tel: (011) 207 2076/2075/2077
Fax: 086-676-9950
Email: nicolenev@zitholele.co.za

Please complete and return to the Public Participation Office (as above)

TITLE	Mrs	NAME	Lindiwe	
SURNAME	Motaung			
ORGANISATION (Please do not use any acronyms)	ESKOM			
ADDRESS	ESKOM Megawattpark, 1 Maxwell Drive, Sunninghill		POSTAL CODE	
TEL NO.	0118008250			
CELL NO.	0833883372			
FAX NO.	0865130837			
E-MAIL ADDRESS	MOTAUNLW@ESKOM.CO.ZA			
SIGNATURE	Unable to sign, am working on site	Farm name and portion number if you are a potentially affected landowner or own property adjacent to the proposed sites	Concerned about alternative C	
DATE	28/01/2012			

COMMENTS ON INFORMATION AS PER THE EIA NEWSLETTER (Please use separate sheets if necessary)

I would like to be included as an I&AP please.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

**THANK YOU FOR YOUR CONTRIBUTION
(sien keersy vir Afrikaans)**

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

Please consider the environment before printing this e-mail!

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.

INTEGRATED ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION

Proposed extension of ash disposal facilities 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
						FULL DEIR on CD (copies issued)	FULL REPORT- (COLOUR / B&W) (hard copies issued)		
Department of Water and Sanitation									
Mr Dumisani Hlongwane	Environmental Officer	Water Quality	Department of Water and Sanitation	22 Rooth Street Bronkhorstspuit 1020	Tel: (013) 932 2061 Fax: (013) 932 2071 Cell: 072 1517083 Email: HlongwaneD@dwa.gov.za	1	3	28/07/2014	Delivered by Zitholele employee. Issue slip no 26.
Department of Economic Development, Environment and Tourism (Mpumalanga)									
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 1200 Mpumalanga	Tel: (013) 766 4581 Fax: 013 766 4614 Cell: 082 776 1784 E-mail: smaluleka@mpg.gov.za	0	1	29/07/2014	Fedex Courier. Issue slip no 27. Waybill no 0017325060.
Department of Mineral Resources									
Mr Samuel Mathavhela	Assistant Director	Emalahleni Office	Department of Mineral Resources	Directorate Mineral Regulation Receiver of Revenue Building Cnr of Kruger & Botha Street Emalahleni 1035 Mpumalanga	Tel: 013 653 0500 or Cell: 071 475 8349 E-mail: Samuel.mathavhela@dmr.gov.za	0	1	28/07/2014	Delivered by Zitholele employee. Issue slip no 28.
Gauteng Department of Agriculture and Rural Development									
Ms Zingisa Smale	Director	Waste Management	Gauteng Department of Agriculture and Rural Development	Diamond Building 11 Diagonal Street New Town Johannesburg 2001	Tel: 011 240 2500 Fax: 086 630 2117 Email: Zingisa.smale@gauteng.gov.za PA: matshepo.rankoko@gauteng.gov.za Admin: junstine.chan@gauteng.gov.za	1	1	28/07/2014	Delivered by Golder driver. Issue slip no 29.
Department of Public Works, Roads and Transport (Mpumalanga)									
Ms Portia Mjojapelo	General Manager	Property Management	Department of Public Works, Roads and Transport	Mpumalanga Regional Office 16 Hope Street Nelspruit 1200 Mpumalanga	Tel: (013) 766 6719 Email: pmojapelo@mpg.gov.za Andrew Malhope Email: malopeaj@mpg.gov.za	0	1	29/07/2014	Fedex Courier. Issue slip no 30. Waybill no 0017325058.
Nkangala District Municipality									
Mr Yusi Mahlangu c/o The Municipal Manager	Social Services Department	Deputy Manager: Social Services & Environmental Affairs	Nkangala District Municipality	24 Walter Sisulu Street Middelburg 1050 Mpumalanga	Tel.: 013 249 2000/2018/2164 Cell: 082 414 2905 E-mail: mahlangumv@nkangaladm.gov.za	0	1	29/07/2014	Fedex Courier. Issue slip no . Waybill no 0017325061.

NAME	POSITION	DEPARTMENT	ORGANISATION	PHYSICAL ADDRESS	CONTACT DETAILS	DRAFT EIA REPORT		DATE OF DELIVERY	METHOD OF DELIVERY
						FULL DEIR on CD (copies issued)	FULL REPORT- (COLOUR / B&W) (hard copies issued)		
Emalahleni Local Municipality									
Mr Jonny Makena	Sectional Head: Environmental Management	Environmental Management	Emalahleni Local Municipality	Corner Arros and Mandela Drive Emalahleni 1035 Mpumalanga	Tel: (013) 690 6350/6924021 Fax: 086 215 2973 E-mail: makenamj@emalahleni.gov.za	0	1	28/07/2014	Delivered by Zitholele employee. Issue slip no 31.
Victor Khanye Local Municipality									
Mrs Busi Mdluli	Director	Community Services	Victor Khanye Local Municipality	Corner of Samuel & Van Der Walt Streets DeImas 2210	Tel: 013 665 1065 Fax: 013 665 6041 email: busim@victorkhanyelm.gov.za	0	1	29/07/2014	Fedex Courier. Issue slip no 32. Waybill no 0017325070.
South African National Biodiversity Institute									
Mr Sagwata Manyike	Assistant Director: Biodiversity Planning & Implementation	Directorate: Biodiversity Policy Advice	South African National Biodiversity Institute	2 Cussonia Avenue Brummeria Pretoria 0002	825 467 236	1	0	01/08/2014	Delivered by Golder driver. Issue slip no 33.
South African Heritage Resource Agency									
Mr Benjamin Moduka	Heritage Officer	Heritage	SAHRA		Tel: 013 766 5196 E-mail: bmoduka@mpg.gov.za	Load report on SAHRIS website	0		Load report on SAHRIS website
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 Johannesburg 2001	Tel: (011) 462 5663 Fax: (086 767 1786 E-mail: Rudzani.Nemukula@wessa.co.za	1	0	28/07/2014	Delivered by Golder driver. Issue slip no 34.

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-DWS DEIR Notification

28 July 2014

Mr Dumisani Hlongwane
Environmental Officer
Directorate: Water Quality
Department of Water and Sanitation: Mpumalanga Province
22 Rooth Street
BRONKHORSTSPRUIT
1200

Dear Mr Hlongwane

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Mpumalanga Department of Economic Development, Environment & Tourism;
- Department of Mineral Resources: Mpumalanga Province;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Gauteng Department of Agriculture and Rural Development;
- Ngankala District Municipality;
- Emalahleni Local Municipality;
- Victor Khanye Local Municipality;
- South African National Biodiversity Institute;
- South African Heritage Resource Agency (uploaded onto their website); and
- Wildlife and Environmental Society of South Africa.

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards



Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 3 x Colour copies of the DEIR
 1 x CD copy of DEIR

Zitholele Consulting (Pty) Ltd

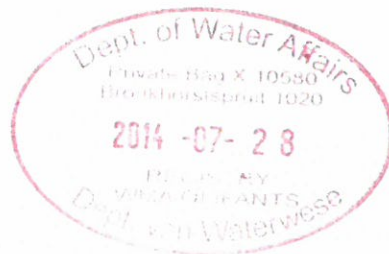
P O Box 6002, Halfway House, 1685
Tel +27 11 207 2060 Fax +27 86 674 6121


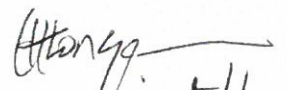


Issue of Documents

To: Department of Water and Sanitation 22 Rooth Street Bronkhorstspuit Tel: (013) 932 2061	Project No: 12712
	Client Ref: DEA Reference Number: 12/12/20/2412 & NEAS Reference Number: DEA/EIA/0000514/2011
	Issue Slip No: 026
	Date: 25 July 2014
Attention: Mr Dumisani Hlongwane - Environmental Officer - Water Quality	
Project Description: EIA and WML application for the proposed extension of the ash disposal facility at Kusile Power Station	

Document Number	No off	Size	Description
Cover Letter	1	A4	Letter
Draft Environmental Impact Report	3	A4	Reports
Draft Environmental Impact Report	1	CD	Report



 Signature: ISSUED BY: Nicolene Venter for Zitholele Consulting (Pty) Ltd	Signature:  Name: Dumisani Hlongwane Date: 28/07/14
	For : Department of Water and Sanitation

Please return to Fax 086 676 9950 if not delivered by hand

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-MDEDET DEIR Notification

28 July 2014

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

Dear Mr Maluleka

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation: Mpumalanga Province;
- Department of Mineral Resources: Mpumalanga Province;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Gauteng Department of Agriculture and Rural Development;
- Ngankala District Municipality;
- Emalahleni Local Municipality;
- Victor Khanye Local Municipality;
- South African National Biodiversity Institute;
- South African Heritage Resource Agency (uploaded onto their website); and
- Wildlife and Environmental Society of South Africa.

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards

A handwritten signature in black ink, appearing to read 'Nicolene Venter', is positioned below the text 'Kind regards'.

Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x CD copy of DEIR



DOMESTIC/REGIONAL* AIR WAYBILL

FedEx Express South Africa Proprietary Limited
Registration Number 2013/068966/07, FSP Number 45036
Private Bag 210009, Edenburg, 1616, South Africa

SHIPMENT TRACKING NUMBER



0017325060

Date of Shipment 28/07/14	Origin Station I.D.	Dest. Station I.D.	URSA Routing	Exporter's Code
------------------------------	---------------------	--------------------	--------------	-----------------

1 Sender's Account Number 8191328	Phone Number (Very Important) 011 207 2060
--------------------------------------	---

2 Sender's Internal Billing Reference Information DRY 333 91740
--

FROM (Your Name) Please Print Leon Lubbe	Company LITHOLELE CONSULTING (PTY) LTD	Dept./Floor No.
---	---	-----------------

3 TO (Recipient's Name) Please Print Mr Sam Makhela	Phone Number (Very Important To Ensure Delivery) 013766 4581
Company Mpumalanga Dept of Tourism	Dept./Floor No.

Exact Street Address CNR ALLANDALE ROAD & MAXWELL	
Exact Street Address MAXWELL OFFICE PARK, BUILDING 1	
City WATERFALL CITY, MIDRAND	Province GAUTENG
Country SOUTH AFRICA	Postal Code 1685

Exact Street Address Buildings, 7 Government Boulevard	
Exact Street Address Riverside Park	
City Nelspruit	Province Mpumalanga
Country RSA	Postal Code 1200

4 TRANSPORT CHARGES <input type="checkbox"/> Bill Sender <input type="checkbox"/> Credit Card <input type="checkbox"/> Bill Recipient <input type="checkbox"/> Cash/Cheque <input type="checkbox"/> Bill 3rd Party <input type="checkbox"/> Bank Transfer

5 PACKAGING <input type="checkbox"/> Over <input checked="" type="checkbox"/> All other packaging

6 SHIPMENT INFORMATION
No. of Pkgs. Actual Weight (kg) Volumetric Weight (kg) Country of Manufacture Specify Currency of Declared Value Total Declared Value
1 11.6 11.6 11.6 11.6 11.6 11.6
Package Dimensions Length Width Height
11.6 11.6 11.6
Complete Description of Contents and Harmonised Customs Tariff (For International Shipments) Kusile D&IR

6 DUTIES AND TAXES Note: Shipments may be subject to duties and taxes at destination

7 DELIVERY/HANDLING INSTRUCTIONS (Tick appropriate box) Hold for Collection <input type="checkbox"/> Hazardous Goods <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> (As per attached Shipper's Declaration) Special Instructions

INSURANCE <input checked="" type="checkbox"/> Tick Appropriate Box VALUE (Enter Value to be Insured)

8A DOMESTIC SERVICES (Tick Service required) <input type="checkbox"/> SDX Same-day Express <input type="checkbox"/> FDX E 09H00 TO 09H00 Saturday Delivery required <input type="checkbox"/> FDX 1 BY 10H00 <input type="checkbox"/> FDX 2 24 - 48 hours <input type="checkbox"/> FDX 3 48 - 72 hours
--

10 SENDER'S SIGNATURE X [Signature]
--

8B DEFERRED INTERNATIONAL SERVICES (Tick Service required) <input type="checkbox"/> IE International Economy <input type="checkbox"/> Retail <input type="checkbox"/> Door to Door Air Freight <input type="checkbox"/> Door to Terminal Air Freight

RECEIVED IN GOOD ORDER AND CONDITION RECIPIENT'S SIGNATURE X [Signature]
DATE 29/07/2014 TIME 10h00
PRINT NAME Gyn
COURIER NAME
DATE 28/07/14 TIME
PRINT NAME L. E. Lubbe
COURIER SIGNATURE [Signature]
TIME 15:16

Unless indicated on the face hereof, FedEx reserves the right to deposit and charge at the published FDX 2 tariff for Domestic services and IE on deferred international services.

*To be used for Domestic and Regional/International services listed in section 8A and 8B from South Africa only

ORIGIN COPY

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-DMR DEIR Notification

28 July 2014

Mr Samuel Mathavhela
Assisting Director
Directorate: Mineral Regulation
Department of Mineral Resources: Mpumalanga Province
Receiver of Revenue Building
Cnr Paul Kruger & Botha Streets
EMALAHLENI

Dear Mr Mathavhela

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation;
- Mpumalanga Department of Economic Development, Environment & Tourism;
- Gauteng Department of Agriculture and Rural Development;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Ngankala District Municipality;
- Emalahleni Local Municipality;
- Victor Khanye Local Municipality;
- South African National Biodiversity Institute;
- South African Heritage Resource Agency (uploaded onto their website); and
- Wildlife and Environmental Society of South Africa.

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards



Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x Hard copy of DEIR
 1 x CD copy of DEIR

Zitholele Consulting (Pty) Ltd

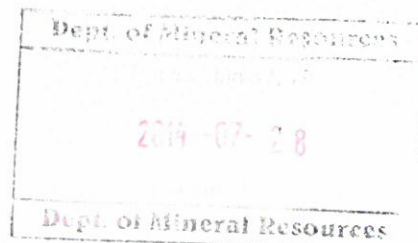
P O Box 6002, Halfway House, 1685
Tel +27 11 207 2060 Fax +27 86 674 6121


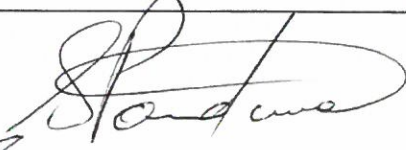


Issue of Documents

To: Department of Mineral Resources Directorate Mineral Regulation Receiver of Revenue Building Cnr of Paul Kruger & Botha Street Emalahleni Tel: 013 653 0500	Project No: 12712
	Client Ref: DEA Reference Number: 12/12/20/2412 & NEAS Reference Number: DEA/EIA/0000514/2011
	Issue Slip No: 028
	Date: 25 July 2014
Attention: Mr Samuel Mathavhela - Assistant Director - eMalahleni Office	
Project Description: EIA and WML application for the proposed extension of the ash disposal facility at Kusile Power Station	

Document Number	No off	Size	Description
Cover Letter	1	A4	Letter
Draft Environmental Impact Report	1	A4	Report
Draft Environmental Impact Report	1	CD	Report



 Signature: ISSUED BY: Nicolene Venter for Zitholele Consulting (Pty) Ltd	Signature:  Name: SIYABONGA Date: 28/07/2014 For : Department of Mineral Resources
--	--

Please return to Fax 086 676 9950 if not delivered by hand

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-GDARD DEIR Notification

28 July 2014

Ms Zingisa Smale
Director: Waste Management
Gauteng Department of Agriculture and Rural Development
Diamond Building
11 Diagonal Street
JOHANNESBURG

Dear Ms Smale

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation: Mpumalanga Province;
- Department of Mineral Resources: Mpumalanga Province;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Mpumalanga Department of Economic Development, Environment and Tourism;
- Ngankala District Municipality;
- Emalahleni Local Municipality;
- Victor Khanye Local Municipality;
- South African National Biodiversity Institute;
- South African Heritage Resource Agency (uploaded onto their website); and
- Wildlife and Environmental Society of South Africa.

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards



Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x Hard copy of DEIR
 1 x CD copy of DEIR

Zitholele Consulting (Pty) Ltd

P O Box 6002, Halfway House, 1685
Tel +27 11 207 2060 Fax +27 86 674 6121



Issue of Documents

To: Gauteng Department of Agriculture and Rural Development Diamond Building 11 Diagonal Street New Town Johannesburg Tel: 011 240 2500	Project No: 12712
	Client Ref: DEA Reference Number: 12/12/20/2412 & NEAS Reference Number: DEA/EIA/0000514/2011
	Issue Slip No: 029
	Date: 25 July 2014

Attention: Mr/Ms Zingisa Smale – Director - Waste Management

Project Description: EIA and WML application for the proposed extension of the ash disposal facility at Kusile Power Station

Document Number	No off	Size	Description
Cover Letter	1	A4	Letter
Draft Environmental Impact Report	1	A4	Report
Draft Environmental Impact Report	1	CD	Report

 Signature: ISSUED BY: Nicolene Venter for Zitholele Consulting (Pty) Ltd	Signature: Name: Zingisa Smale Date: 28/07/2014 For : Gauteng Department of Agriculture and Rural Development
---	---

Please return to Fax 086 676 9950 if not delivered by hand

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-DPW DEIR Notification

28 July 2014

Ms Portia Mojapelo
General Manager: Property Management
Department of Public Works, Roads and Transport: Mpumalanga Province
16 Hope Street
NELSPRUIT
1200

Dear Ms Mojapelo

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation;
- Mpumalanga Department of Economic Development, Environment & Tourism;
- Department of Mineral Resources: Mpumalanga Province;
- Gauteng Department of Agriculture and Rural Development;
- Ngankala District Municipality;
- Emalahleni Local Municipality;
- Victor Khanye Local Municipality;
- South African National Biodiversity Institute;
- South African Heritage Resource Agency (uploaded onto their website); and
- Wildlife and Environmental Society of South Africa.

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards

A handwritten signature in black ink, appearing to read 'Nicolene Venter', is positioned below the text 'Kind regards'.

Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x CD copy of DEIR



DOMESTIC/REGIONAL AIR WAYBILL

FedEx Express South Africa Proprietary Limited
Registration Number 2013/082966/07, FSP Number 45088
Private Bag X10020, Edenburg, 1610, South Africa

SHIPMENT TRACKING NUMBER



0017325058

Date of Shipment: 28/07/14
 Origin Station I.D.:
 Dest. Station I.D.:
 URSA Routing:
 Exporter's Code:

1 Sender's Account Number: H191370
 Phone Number (Very Important): 011 701 7060

2 Sender's Internal Billing Reference Information: PRY 033 91740

FROM (Your Name) Please Print: Leonie Lubbe
 Company: ZITHOLELE CONSULTING (PTY) LTD
 Dept./Floor No.:

3 TO (Recipient's Name) Please Print: Ms Portia Majoqelo
 Phone Number (Very Important To Ensure Delivery): 03 766 6719
 Dept./Floor No.:

Exact Street Address: CHR ALLANBALE ROAD & MAXWELL

Exact Street Address: Dept of Public Works, Roads + Transport
 Mpumalanga Regional Office

Exact Street Address: MAXWELL OFFICE PARK, BUILDING 1

Exact Street Address: 16 Hope Street

City: WATERFALL CITY, MIDRAND
 Province: GAUTENG

City: Melspruit
 Province: Mpumalanga

Country: SOUTH AFRICA
 Postal Code: 1685

Country: RSA
 Postal Code: 1200

4 TRANSPORT CHARGES (Not all options available to all destinations)
 Bill Sender Credit Card Bill Recipient
 Cash/Cheque Bill 3rd Party Bank Transfer
 Fill in Acct. No.

5 PACKAGING
 Plain
 Air Other Packaging

9 SHIPMENT INFORMATION

No. of Pkgs.	Actual Weight (kg)	Volumetric Weight (kg)	Country of Manufacture	Specify Currency of Declared Value	Total Declared Value
1	1.1	1.1			

Package Dimensions: Length: 10cm, Width: 2cm, Height: 1cm
 Please complete the reverse side of the Manifest / Billing copy of the waybill if your shipment consists of more than one package (Multiple Piece Shipment - MPS)
 Complete Description of Contents and Harmonized Customs Tariff (For International Shipments): Kusite DZFR

6 DUTIES AND TAXES
 Note: Shipments may be subject to duties and taxes at destination

7 DELIVERY/HANDLING INSTRUCTIONS (Tick appropriate box)
 Not all options available to all destinations

Hold for Collection: Hazardous Goods: No Yes (Do not check unless Shipper's Declaration)
 Special Instructions:

INSURANCE (Tick Appropriate Box)
 YES NO
 VALUE (Enter Value to be Insured)

10 SENDER'S SIGNATURE: Leonie Lubbe
 RECEIVED IN GOOD ORDER AND CONDITION: [Signature]
 All Non Document International Shipments must be accompanied by an Original Supplier Invoice

Broker Name for Clearance:

DATE: 29/07/14 TIME: 10H00
 PRINT NAME: Lerato

8A DOMESTIC SERVICES (Tick Service required)
 SOX Same-day Express
 FDX E 09:00 TO 09:00 Saturday Delivery required
 FDX 1 BY 10:00
 FDX 2 24 - 48 hours
 FDX 3 48 - 72 hours

8B DEFERRED INTERNATIONAL SERVICES (Tick Service required)
 Not all options available to all destinations
 IE International Economy
 Remail
 Door to Door Air Freight
 Door to Terminal Air Freight

Use of this Air Waybill constitutes your agreement to the conditions of carriage on the back of this Air Waybill. The terms and conditions of carriage may vary from country to country. Consult our local office for specific information

DATE: 28/07/14 TIME:
 PRINT NAME: L.F. Lubbe
 COURIER SIGNATURE: [Signature]

ORIGIN COPY

Unless indicated on the face hereof, FedEx reserves the right to discontinue and change at the published FDX 2 tariff for Domestic services and on Deferred International services. *To be used for Domestic and Regional/International services listed in section 8A and 8B from South Africa only

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-NKANGALA DEIR Notification

28 July 2014

The Municipal Manager
Nkangala District Municipality
24 Walter Sisulu Street
MIDDELBURG

FOR ATTENTION: Mr Vusi Mahlangu
Deputy Manager: Social Services & Environmental Affairs

Dear Mr Mahlangu

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation: Mpumalanga Province;
- Department of Mineral Resources: Mpumalanga Province;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Mpumalanga Department of Economic Development, Environment and Tourism;
- Gauteng Department of Agriculture and Rural Development;
- Emalahleni Local Municipality;
- Victor Khanye Local Municipality;
- South African National Biodiversity Institute;
- South African Heritage Resource Agency (uploaded onto their website); and

- Wildlife and Environmental Society of South Africa

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards



Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x Hard copy of DEIR
 1 x CD copy of DEIR



DOMESTIC/REGIONAL* AIR WAYBILL

FedEx Express South Africa Proprietary Limited
Registration Number 2013/00288/07, FSP Number 40088
Private Bag X10289, Edenvale, 1519, South Africa

SHIPMENT TRACKING NUMBER



0017325061

Date of Shipment: 28/07/14
 Origin Station I.D.:
 Dest. Station I.D.:
 URS& Routing:
 Exporter's Code:

1 Sender's Account Number: 8191328
 Phone Number (Very Important): 011 207 2060

2 Sender's Internal Billing Reference Information: PRY 033 91740

FROM (Your Name) Please Print: Leon Lubbe
 Company: ZITHOLELE CONSULTING (PTY) LTD
 Dept./Floor No.:

3 TO (Recipient's Name) Please Print: Mr Vusi Mabhangu
 Phone Number (Very Important To Ensure Delivery): 013 299 2 000
 Dept./Floor No.:

Exact Street Address: CNR ALLANDALE ROAD & MAXWELL
 Exact Street Address: MAXWELL OFFICE PARK BUILDING 1
 City: WATERFALL CITY, MIDRAND
 Province: GAUTENG

Company: Mankwala District Municipality
 Exact Street Address: Uzy Walter Sisulu Street
 Exact Street Address:
 City: Middelburg
 Province: Mpumalanga

Country: SOUTH AFRICA
 Postal Code: 1685

Country: RSA
 Postal Code: 1050

4 TRANSPORT CHARGES (Not all options available to all destinations)
 Bill Sender Credit Card Bill Recipient
 Cash/Cheque Bill 3rd Party Bank Transfer
 FIM in (Acct. No.):

5 PACKAGING
 All Other Packaging

6 SHIPMENT INFORMATION

No. of Pkgs.	Actual Weight (kg)	Volumetric Weight (kg)	Country of Manufacture	Specify Currency of Declared Value	Total Declared Value
1	25.29				

Package Dimensions: Length 22, Width 25, Height 29

7 DUTIES AND TAXES
 Note: Shipments may be subject to duties and taxes at destination

Please complete the reverse side of the Manifest / Billing copy of the waybill if your shipment consists of more than one package (Multiple Piece Shipment - MPS)

8 DELIVERY/HANDLING INSTRUCTIONS (Tick appropriate box)
 Not all options available to all destinations

9 INSURANCE
 Tick Appropriate Box
 VALUE (Enter Value to be Insured)

Hold for Collection: Hazardous Goods: Do this shipment contain Hazardous goods? No Yes (No per attached Shipper's Declaration)
 Special Instructions:
 Broker Name for Clearance:

10 SENDER'S SIGNATURE: X [Signature]
 RECEIVED IN GOOD ORDER AND CONDITION
 RECIPIENT'S SIGNATURE: X [Signature]

8A DOMESTIC SERVICES (Tick Services required)
 SDX Same-day Express FDX E 09:00 TO 09:00 Saturday Delivery required FDX 1 BY 10:00
 FDX 2 04 - 08 hours FDX 3 08 - 12 hours

10 SENDER'S SIGNATURE: X [Signature]
 RECEIVED IN GOOD ORDER AND CONDITION
 RECIPIENT'S SIGNATURE: X [Signature]
 DATE: 29/07/14 TIME: 10:36
 PRINT NAME: Guay Sibanya
 COURIER NAME:
 DATE: 28/07/14 TIME: 15:13
 PRINT NAME: L F Lubbe
 COURIER SIGNATURE: [Signature]

8B DEFERRED INTERNATIONAL SERVICES (Tick Services required)
 Not all options available to all destinations
 IE International Economy Remat
 Door to Door Air Freight Door to Terminal Air Freight

Unless indicated on the face hereof, FedEx reserves the right to dispatch and charge at the published FDX 2 tariff for Domestic services and (R) an Deferred International services.
 *To be used for Domestic and Regional International services (refer to section 8A and 8B from South Africa only)

ORIGIN COPY

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-EMALAHLENI DEIR Notification

28 July 2014

Mr Jonny Makena
Sectional Head: Environmental Management
Emalahleni Local Municipality
Cnr Arros and Mandela Drive
EMALAHLENI

Dear Mr Mahlangu

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation: Mpumalanga Province;
- Department of Mineral Resources: Mpumalanga Province;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Mpumalanga Department of Economic Development, Environment and Tourism;
- Gauteng Department of Agriculture and Rural Development;
- Nkangala District Municipality;
- Victor Khanye Local Municipality;
- South African National Biodiversity Institute;
- South African Heritage Resource Agency (uploaded onto their website); and
- Wildlife and Environmental Society of South Africa.

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards



Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x Hard copy of DEIR
 1 x CD copy of DEIR

Zitholele Consulting (Pty) Ltd

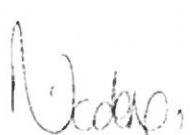
P O Box 6002, Halfway House, 1685
Tel +27 11 207 2060 Fax +27 86 674 6121



Issue of Documents

To: Emalahleni Local Municipality Corner Arros and Mandela Drive Emalahleni Tel: (013) 690 6350/6924021	Project No: 12712
	Client Ref: DEA Reference Number: 12/12/20/2412 & NEAS Reference Number: DEA/EIA/0000514/2011
	Issue Slip No: 031
	Date: 25 July 2014
Attention: Mr Jonny Makena - Sectional Head: Environmental Management	
Project Description: EIA and WML application for the proposed extension of the ash disposal facility at Kusile Power Station	

Document Number	No off	Size	Description
Cover Letter	1	A4	Letter
Draft Environmental Impact Report	1	A4	Report
Draft Environmental Impact Report	1	CD	Report

 Signature: ISSUED BY: Nicolene Venter for Zitholele Consulting (Pty) Ltd	Signature: <i>Daisy</i> Name: Daisy Date: 28/07/14 For : Emalahleni Local Municipality
---	---

Please return to Fax 086 676 9950 if not delivered by hand

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-VICTOR KHANYE DEIR Notification

28 July 2014

Mrs Busi Mdluli
Director: Community Services
Victor Khanye Local Municipality
Cnr Samuel and Van der Walt Streets
DELMAS
2210

Dear Mrs Mdluli

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation: Mpumalanga Province;
- Department of Mineral Resources: Mpumalanga Province;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Mpumalanga Department of Economic Development, Environment and Tourism;
- Gauteng Department of Agriculture and Rural Development;
- Nkangala District Municipality;
- Emalahleni Local Municipality;
- South African National Biodiversity Institute;
- South African Heritage Resource Agency (uploaded onto their website); and
- Wildlife and Environmental Society of South Africa.

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards

A handwritten signature in black ink, appearing to read 'Nicolene Venter', written in a cursive style.

Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x CD copy of DEIR



DOMESTIC/REGIONAL* AIR WAYBILL

FedEx Express South Africa Proprietary Limited
Registration Number 2013/065620/07, FSP Number 49328
Private Bag 110020, Edenvale, 1015, South Africa

SHIPMENT TRACKING NUMBER



0017325070

Date of Shipment: 28/07/14
Origin Station I.D.:
Dest. Station I.D.:
URSA Routing:
Exporter's Code:

1 Sender's Account Number: 9191328
Phone Number (Very Important): 011 207 2040

2 Sender's Internal Billing Reference Information: FRY 033 91740

FROM (Your Name) Please Print: Leon Lubbe

3 TO (Recipient's Name) Please Print: Mrs Busi Mkhuli
Phone Number (Very Important To Ensure Delivery): 023 665 1065

Company: ZITHOLELE CONSULTING (PTY) LTD
Dept./Floor No.:
Exact Street Address: CNR ALLANDALE ROAD & MAXWELL
Exact Street Address: MAXWELL OFFICE PARK, BUILDING 1
City: WATERFALL CITY, MIDRAND
Province: GAUTENG
Postal Code: 1685

Company: Victor Khanye Local Municipality
Exact Street Address: Corner of Samuel + van der Walt Streets
City: Delmas
Province:
Country: RSA
Postal Code: 2210

Country: SOUTH AFRICA

4 TRANSPORT CHARGES (Not all options available to all destinations)
 Bill Sender Credit Card Bill Recipient
 Cash/Cheque Bill 3rd Party Bank Transfer
 Fill in Acct. No.:

5 PACKAGING: Other Packaging
 9 SHIPMENT INFORMATION
 No. of Pkgs.: 1
Actual Weight (kg): 15
Volumetric Weight (kg): 20
Country of Manufacture:
Specify Currency of Declared Value:
Total Declared Value:
Package Dimensions: Length 15, Width 20, Height 20

6 DUTIES AND TAXES
Note: Shipments may be subject to duties and taxes at destination

7 DELIVERY/HANDLING INSTRUCTIONS (Tick appropriate box)
 Hold for Collection:
 Hazardous Goods: (Does this shipment contain hazardous goods?)
 No Yes (As per attached Shipper's Declaration)

Complete Description of Contents and Harmonized Customs Tariff (For International Shipments): Kusile DEIR

Special Instructions:
 Broker Name for Clearance:

INSURANCE (Tick Appropriate Box): YES NO
 VALUE (Enter Value to be Insured):
 10 SENDER'S SIGNATURE: [Signature]

8A DOMESTIC SERVICES (Tick Service required)
 SOX Same-day Express
 FDX 2 TO 0900
 FDX 1 BY 1030
 FDX 3 45 - 72 hours
 Saturday Delivery required

RECEIVED IN GOOD ORDER AND CONDITION
 RECIPIENT'S SIGNATURE: [Signature]
 DATE: 29/07/2014 TIME:

8B DEFERRED INTERNATIONAL SERVICES (Tick Service required)
 IE International Economy
 Remark:
 Door to Terminal Air Freight

PRINT NAME: Plantinga
 COURIER NAME:
 DATE: 28/07/14 TIME: 15:15

Unless indicated on the face hereof, FedEx reserves the right to discontinue and change in the published FedEx 2 tariff for Domestic services and in an Deferred International services.

Use of this Air Waybill constitutes your agreement to the conditions of carriage on the back of this Air Waybill. The terms and conditions of carriage may vary from country to country. Consult our local office for specific information.

ORIGIN COPY

*To be used for Domestic and Regional/International services listed in section 8A and 8B from South Africa only

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-EMALAHLENI DEIR Notification

31 July 2014

Mr Sagwata Manyike
Assistant Director: Biodiversity Planning & Implementation
Directorate: Biodiversity Policy Advice
South African National Biodiversity Institute
2 Cussonia Avenue
Brummeria
Pretoria
0002

Dear Mr Manyike,

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation: Mpumalanga Province;
- Department of Mineral Resources: Mpumalanga Province;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Mpumalanga Department of Economic Development, Environment and Tourism;
- Gauteng Department of Agriculture and Rural Development;
- Nkangala District Municipality;
- Victor Khanye Local Municipality;
- Emalahleni Local Municipality;
- South African Heritage Resource Agency (uploaded onto their website); and
- Wildlife and Environmental Society of South Africa.

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards

A handwritten signature in black ink, appearing to read 'Nicolene Venter', is positioned below the text 'Kind regards'.

Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x CD copy of DEIR

Zitholele Consulting (Pty) Ltd

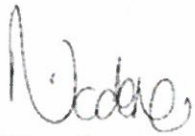

P O Box 6002, Halfway House, 1685
Tel +27 11 207 2060 Fax +27 86 674 6121



Issue of Documents

To: South African National Biodiversity Institute Directorate: Biodiversity Policy Advice 2 Cussonia Avenue Brummeria Pretoria 0002 Cell: 082 546 7236	Project No: 12712
	Client Ref: DEA Reference Number: 12/12/20/2412 & NEAS Reference Number: DEA/EIA/0000514/2011
	Issue Slip No: 033
	Date: 31 July 2014
Attention: Mr Sagwata Manyike - Assistant Director: Biodiversity Planning & Implementation	
Project Description: EIA and WML application for the proposed extension of the ash disposal facility at Kusile Power Station	

Document Number	No off	Size	Description
Cover Letter	1	A4	Letter
Draft Environmental Impact Report	1	CD	Report

 Signature: ISSUED BY: Nicolene Venter for Zitholele Consulting (Pty) Ltd	Signature:  Name: MATHODI Date: 01/08/14 For: South African National Biodiversity Institute (SANBI)
---	--

Please return to Fax 086 676 9950 if not delivered by hand

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-001-WESSA DEIR Notification

28 July 2014

Mr Rudzani Nemukula
Environmental Officer
Directorate: Biodiversity & Conservation
Wildlife and Environmental Society of South Africa
18 Blackwood Street
Bryanston Ext 3
JOHANNESBURG
2210

Dear Mr Nemukula

INTEGRATED ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT, WATER USE LICENSE AND WASTE MANAGEMENT LICENSE APPLICATIONS) FOR THE PROPOSED 60 YEAR ASH DISPOSAL FACILITY AT KUSILE POWER STATION (DEA Ref. No.: 12/12/20/2412, NEAS Ref. No.: DEA/EIA/0000514/2011)

As per Government Notice No. 33306 of June 2010, Chapter 2, (6), the Minister, MEC or competent authority (Department of Environmental Affairs) must consult with every department that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when he or she considers an application. A state department consulted must submit its comments within 40 days from the date on which the Minister, MEC or competent authority requests such state department, in writing, to submit comments.

In terms of the aforementioned, Zitholele Consulting submitted the Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) for the above-mentioned proposed project to the Department of Environmental Affairs (DEA) for decision making on Friday 10 August 2012. The FSR has been accepted by the DEA and the Plan of Study for EIA has been approved, as per DEA's letter dated 08 October 2012.

The Draft Environmental Impact Assessment Report (DEIR) will be submitted to the DEA on Monday 04 August 2014. The public review period for the DEIR will be from **Tuesday 29 July 2014 to Monday 08 September 2014**.

The relevant departments and organizations that received a copy of the DEIR are:

- Department of Water and Sanitation: Mpumalanga Province;
- Department of Mineral Resources: Mpumalanga Province;
- Department of Public Works, Roads and Transport: Mpumalanga Province;
- Mpumalanga Department of Economic Development, Environment and Tourism;
- Gauteng Department of Agriculture and Rural Development;
- Nkangala District Municipality;
- Emalahleni Local Municipality;
- Victor Khanye Local Municipality;
- South African National Biodiversity Institute; and
- South African Heritage Resource Agency (uploaded onto their website).

In an effort to minimize delays, the DEIR has been distributed to the aforementioned organizations with the objective of facilitating comments to assist the DEA in making an informed decision with the issuing of the Environmental Authorisation for these proposed projects without unforeseen delay.

Should you have any queries please don't hesitate to contact us.

Kind regards



Nicolene Venter
ZITHOLELE CONSULTING (PTY) LTD

Included: 1 x CD copy of DEIR

Zitholele Consulting (Pty) Ltd

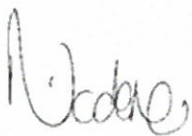
P O Box 6002, Halfway House, 1685
Tel +27 11 207 2060 Fax +27 86 674 6121



Issue of Documents

To: Wildlife and Environmental Society of South Africa 18 Blackwood Street Bryanston Ext 3 Johannesburg Tel: (011) 462 5663	Project No: 12712
	Client Ref: DEA Reference Number: 12/12/20/2412 & NEAS Reference Number: DEA/EIA/0000514/2011
	Issue Slip No: 034
	Date: 25 July 2014
Attention: Mr Rudzani Nemukula - Environmental Officer - Biodiversity & Conservation	
Project Description: EIA and WML application for the proposed extension of the ash disposal facility at Kusile Power Station	

Document Number	No off	Size	Description
Cover Letter	1	A4	Letter
Draft Environmental Impact Report	1	CD	Report

 Signature: ISSUED BY: Nicolene Venter for Zitholele Consulting (Pty) Ltd	Signature: Pretorius Name: Petro Pretorius Date: 29/7/2014 For : Wildlife and Environmental Society of South Africa
---	--

**Integrated Environmental Authorisation
(Environmental Impact Assessment, Waste
Management License and Water Use License
Applications)**

**Proposed 60 Year Ash Disposal Facility and
Associated Infrastructure at Kendal Power
Station**

DEA Ref No 14/12/16/3/3/3/68 and NEAS Ref No: DEA/EIA/0001624/2013)

EIA NEWSLETTER COMMENT SHEET

August 2014



EIA Public Participation Office

Nicolene Venter

Zitholele Consulting (Pty) Ltd

P O Box 6002, Halfway House, 1685

Tel: (011) 207 2076/2075/2077

Fax: 086-676-9950

Email: publicprocess@zitholele.co.za

Please complete and return to the Public Participation Office (as above)

TITLE	MR	NAME	BEN	
SURNAME	VILJIA			
ORGANISATION (if applicable) (Please do not use any acronyms)	DPT PUBLIC WORKS ROADS + TRANSPORT			
ADDRESS	Private Bag 7 1800	POSTAL CODE	1050	
TEL NO.	013 2837011			
CELL NO.				
FAX NO.	013 2432111			
E-MAIL ADDRESS	B.VILJA@mp6.gov.za			
SIGNATURE		Farm name and portion number if you are a potentially affected landowner or own property adjacent to the proposed sites		
DATE	2014-8-5			

COMMENTS ON INFORMATION AS PER THE EIA NEWSLETTER (Please use separate sheets if necessary)

Building Distraction is 95m in all roads

THANK YOU FOR YOUR CONTRIBUTION

Follow-up on Comments from SAHRA on DEIR

Between you and [katie.smuts](#)

You Oct 6

Morning Katie,

Hope you are doing well.

Katie, can you maybe indicate when we will receive comments from SAHRA on the DEIR that was uploaded on the 17 September 2014.

Kind regards
Nicolene

CaseReference:
[Kusile Power Station Ash Dump](#)

[katie.smuts](#) Oct 6

Dear Nicolene,

I am no longer working as a heritage officer at SAHRA, and the current case officer for Mppumalanga is Ms Nokukhanya Khumalo.

I have however, looked at the case and see that a final comment was issued on 5 July and that the case is considered closed for commenting by SAHRA.

If you have further queries, please address them to Nokukhanya.

Kind regards,
Katie

You 6 min ago

Thank you Katie for the feedback. Sad that are not a heritage officer at SAHRA!

Regards
Nicolene

You 6 min ago

Thank you Katie for the feedback. Sad that are not a heritage officer at SAHRA!

Regards
Nicolene

Reply

CaseReference

ADD ANOTHER ITEM

Message

 Chat (0)

SEND MESSAGE

Messages

[Back to Top](#)

South African Heritage Resources
Agency (SAHRA)
Head Office
111 Harrington Street
CAPE TOWN
8001

PO Box 4637
Cape Town, 8000
Tel 021 462 4502/Fax 021 462 4509
Email info@sahra.org.za
Web www.sahra.org.za
<http://www.sahra.org.za>



An agency of the Department of Arts & Culture



Powered by [Drupal](http://drupal.org/)



Site best viewed using [Google Chrome](#)

<http://www.sahra.org.za/about/disclaimer>



<http://creativecommons.org/licenses/by-sa/2.5/za/>

CaseDecisions

CaseReference: [Kusile Power Station Ash Dump](#)

DecisionDate:

Friday, July 5, 2013 - 14:45

CaseDiscussion:

Rubidge, B. June 2013. PALAEOLOGICAL DESKTOP STUDY KUSILE POWER STATION WITBANK AREA, MPUMALANGA PROVINCE

Thank you for your letter and the above palaeontological assessment submitted in response to our letter dated 18 June 2013. Based on the information provided in your letter, SAHRA is satisfied that none of the heritage resources identified in the 2006 heritage report have been impacted by the development of the Kusile Power Station.

According to the above palaeontological assessment, most of the study area is underlain by the Dwyka and Ecca Groups of the Karoo Supergroup. The area to be impacted by the proposed development of the ash dump is situated on Dwyka Group tillites and mudrocks that were deposited in a continental glacial environment.

Although the Dwyka Group is known to contain sparse examples of fossil material, in the study area, the Dwyka Group is covered by soil and vegetation and is not exposed. It is therefore unlikely that significant palaeontological resources will be impacted by the proposed development.

Final Comment

It is unlikely that any significant impacts on heritage resources will result from the proposed development.

Consequently, based on the information contained in the submitted documentation, SAHRA Archaeology, Palaeontology & Meteorites (APM) Unit has no objection to the proposed development of the Kusile Power Station Ash Dump on the condition that if any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, marine shell and charcoal/ash concentrations), unmarked human burials, fossils or other categories of heritage resources are found during the proposed activities, SAHRA APM Unit (Jenna Lavin/Colette Scheermeyer 021 462 4502) must be alerted immediately, and a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contacted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation might be necessary.

OfficialDocs:

Attachment	Size
 Final Comment Case 2004.pdf http://www.sahra.org.za/sites/default/files/casedecisions/Final%20Comment%20Case%202004.pdf	163.56 KB

[Back to Top](#)


 Chat (0)

South African Heritage Resources Agency (SAHRA)
Head Office
111 Harrington Street
CAPE TOWN
8001

PO Box 4637
Cape Town, 8000
Tel 021 462 4502/Fax 021 462 4509
Email info@sahra.org.za
Web www.sahra.org.za
<http://www.sahra.org.za>



An agency of the Department of Arts & Culture

 **Powered by Drupal**
<http://drupal.org/>

 **Site best viewed using Google Chrome**
Disclaimer
<http://www.sahra.org.za/about/disclaimer>



<http://creativecommons.org/licenses/by-sa/2.5/za/>

SAHRIS

[MyDashboard](#) [Explore](#) [Create](#) [Calendar](#) [Maps](#) [Help](#)

CaseDecisions

CaseReference: [Kusile Power Station Ash Dump](#)

DecisionDate:

Tuesday, June 18, 2013 - 12:15

CaseDiscussion:

Thank you kindly for your letter dated 13 June 2013.

The clarity provided in terms of the revised HIA and the map of identified heritage resources in relation to the Kusile Power Station is greatly appreciated.

In the previous letter from SAHRA dated 4 June 2013, we requested an indication of what heritage resources were impacted by the development of the Kusile Power Station and how these impacts were mitigated. In response, you repeat the recommendations included in the 2006 HIA. Unfortunately, this does not adequately respond to the query. Was it only graves that were impacted? No response has been forthcoming regarding any possible impacts to the identified historical structures.


As such, SAHRA still awaits the following information before commenting further on this project;

1. An indication of which of the heritage resources identified in the 2006 HIA were impacted and how these impacts were mitigated, if at all.
2. An assessment of impact to palaeontological heritage resources.

Please can you ensure that SAHRA receives the relevant documentation such that SAHRA can issue a Final Comment on this application.

Should it not be possible to adhere to the above conditions, the applicant must consult with SAHRA regarding the reasons for non-compliance. We look forward to hearing from you.

OfficialDocs:

Attachment	Size
 Letter 18 June 2013.pdf http://www.sahra.org.za/sites/default/files/casedecisions/Letter%2018%20June%202013.pdf	162.52 KB

[Back to Top](#)

South African Heritage Resources
 Agency (SAHRA)
 Head Office
 111 Harrington Street
 CAPE TOWN
 8001


PO Box 4637
 Cape Town, 8000
 Tel 021 462 4502/Fax 021 462 4509

 Chat (0)
<http://www.sahra.org.za>



An agency of the Department of Arts & Culture

 **Powered by Drupal**
<http://drupal.org/>

 **Site best viewed using Google Chrome**
Disclaimer
<http://www.sahra.org.za/about/disclaimer>



<http://creativecommons.org/licenses/by-sa/2.5/za/>

SAHRIS

MyDashboard Explore Create Calendar Maps Help

- A message has been sent to [katie.smuts](#).
- A message has been sent to [katie.smuts](#).

CaseDecisions

CaseReference: [Kusile Power Station Ash Dump](#)

DecisionDate:

Tuesday, June 4, 2013 - 10:30

CaseDiscussion:

Van Schalkwyk, J. (October 2006). Heritage Impact Assessment for the Proposed New Power Station, Witbank Area

Murimbika, M. (September 2012). Heritage Mitigation Report for the Excavation of suspected Human Burials identified accidentally during Construction Work at Kusile Power Station in Emalahleni Local Municipality in Mpumalanga Province.

The above studies were submitted at the heritage component for the Draft Scoping Report for the proposed new ash disposal facility at the existing Kusile Coal-fired Power Station and assessed the impacts of the development of the Kusile Power Station at two proposed sites; Site X and Site Y. Environmental Authorisation was granted for the Kusile Power Station in 2008, this EA included a proposed ash dump. Subsequently, the specifications of the proposed ash dump have changed, and consequently a new process is required for the proposed ash dump.

According to the Draft Scoping Report (2013), the Kusile Power Station is underlain by the Dwyka and Ecca Formations of the Karoo Supergroup. These formations are renowned for their palaeontological resources however no assessment of the impact of the proposed development to these resources has been submitted to SAHRA.

The submitted HIA identified a number of heritage resources that were likely to be impacted by the construction of the Kusile Coal-fired Power Station. These included 5 structures of variable significance that fell within the development area (both sites X and Y) as well as a total of 21 grave/cemetery sites were identified during the field survey, two of which are likely to fall just outside of the boundaries of the Sites X and Y. Of the remaining 19 sites, eight sites definitely contained graves that are 60 years or older. The graves at the remaining sites are either less than 60 years old, or do not have headstones, making their age indeterminable. The recommendations included in the HIA (2006) required that the identified resources be preserved and not impacted by the proposed development. Based on this information, Site X was preferred.

During site clearance associated with the original ash dump development, possible burials in the form of stone cairns were identified. These were excavated, with the necessary permissions in place, however no physical remains were recovered.

No indication has been provided at which site (X or Y) was selected for the development of the Kusile Power Station. According to the Final EIA provided to SAHRA, a second heritage study was completed. This has not been submitted to SAHRA. No indication has been provided as to what heritage resources may be impacted by the development of the new proposed ash dump.

Interim Comment

Chat (0)

In order for SAHRA to make an informed decision on your application, additional information is required. As such, please provide the following information;

1. The revised HIA included at Annexure W in the Final EIA for the Kusile Power Station 9 (page 118)
2. An indication of what heritage resources were impacted by the development of the Kusile Power Station and how these impacts were mitigated.
3. A Palaeontological Impact Assessment or a letter of exemption from conducting a palaeontological study from a palaeontologist
4. An indication of what heritage resources, in any, will be impacted by the proposed development including a map of the layout of the proposed ash dump in relation to the heritage resources identified in the 2006 HIA as well as in relation to the existing Kusile Power Station.

Please can you ensure that SAHRA receives the relevant documentation such that SAHRA can issue a Final Comment on this application.

Should it not be possible to adhere to the above conditions, the applicant must consult with SAHRA regarding the reasons for non-compliance. We look forward to hearing from you.

Official Docs:

Attachment	Size
Case 2004.pdf http://www.sahra.org.za/sites/default/files/casedecisions/Case%202004.pdf	165.13 KB

[Back to Top](#)

Zitholele Consulting

Reg. No. 2000/000392/07

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



Our Ref : 12712-Let-002

22 October 2014

Your Ref: 16/2/7/B200/B924

Department of Water and Sanitation
22 Kruger Street
Bronkhorstspuit
1020

Attention : Mr Dumisane Hlongwane

Dear Dumisane

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT FOR KUSILE PROPOSED 60 YEAR ASH DISPOSAL FACILITY

Your letter dated 21 October 2014 (Ref: 16/2/7/B200/B924) refers. Zitholele would like to thank you for your timeous response following the meeting at which Zitholele presented the findings of the Draft Environmental Impact Report, which was held on 6 October 2014 at the Department of Water and Sanitation (from here referred to as "the department") offices in Pretoria.

Our response to the comments presented in the letter are as follows:

1. A large A1 descriptive Master Layout Plan will be developed and submitted with the Integrated Water Use Licence Application (IWULA) to the department for consideration.
2. A detailed rehabilitation plan will be developed and submitted with the IWULA to the department for consideration.
3. Plant Species Plans will be drawn up by the relevant specialist for the Holfonteinspruit and Klipfonteinspruit and will be submitted to the department for consideration.
4. A detailed surface water – groundwater interaction study will be undertaken during the IWULA, which will shed light in the potential losses to the surface water and groundwater systems. Detailed recharge plans will also be developed to ensure rivers and wetlands maintain their ecological class.
5. Designs for clean water drains and diversion canals will be provided with the IWULA to the department.
6. Concept designs for the leachate detection system are included with the Environmental Impact Assessment (EIA) for the 60 year ash disposal facility (ADF). Detailed designs for the leachate detection and protection system will be provided to the department with the WULA.

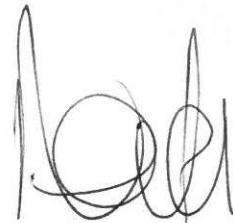
7. The lining system detail was presented to Kelvin Legge from the DWS and was approved in principle. Detailed designs for the lining system will be included in the IWULA to the department for approval.
8. Water losses from the subsurface flows will be modelled in detail during the IWULA.
9. Management measures to mitigate impacts on water courses outside the footprint of the proposed ADF on Site A have been proposed in the EIA for the 60 year ADF. Detailed rehabilitation and monitoring plans will be included in the IWULA for downstream water courses and wetlands identified in the wetland offset plan.
10. Mitigation measures to control dust and noise has been included in the Final Environmental Impact Report (FEIR) and Environmental Management Programme (EMPr), and shall be strictly monitored for compliance throughout the life of the power station.
11. Diversions will be designed to mimic the natural setting of a water course as far possible. Designs for the diversions will be included in the IWULA.
12. Concurrent rehabilitation of the ADF as the disposal facility develops has been adopted in the development philosophy for the ash disposal facility, and has been detailed as such in the FEIR.
13. Management measures for topsoil is discussed in the EMPr that will accompany the FEIR to the department for consideration.
14. The rehabilitation team and equipment to be used will be stipulated in the IWULA to be submitted to the department.
15. The IWULA will stipulate the harvesting of seeds in the detailed rehabilitation plan.
16. Commencement or continuation of the water quality and bio-monitoring at the proposed ADF site and Kusile at large has been recommended in the FEIR and EMPr.
17. A detailed storm water management plan will be developed and included in the IWULA to be submitted to the department for consideration.
18. A detailed Water and Salt Balance, and Integrated Waste And Water Management Plan (IWWMP) will be developed during the IWULA for consideration by the department.
19. A detailed IWWMP will be developed during the IWULA for consideration by the department.


Herewith Zitholele Consulting acknowledges the department's conclusion that Site A is recommended for further optimisation.

Yours faithfully



Mathys Vosloo
ZITHOLELE CONSULTING (PTY) LTD



 Sharon Meyer-Douglas



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

MPUMALANGA

Private Bag x10580, Bronkhorspruit, 1020. 22 Kruger Street

Enq: Mr. D.G Hlongwane

Email: hlongwaned@dwa.gov.za

Tel : 013 93 2061

Fax : 013 932 2071

Ref : 16/2/7/B200/B924

Zitholele Consulting (Pty) Ltd.
PO Box 6002
Halfway House
1685

Your Ref.: 12712-Let-001-DWS DEIR Notification

Attention: Mathys Vosloo

RE: DRAFT ENVIRONMENTAL IMPACT ASSESSMENT FOR KUSILE PROPOSED 60 YEAR ASH DISPOSAL FACILITY

The Department acknowledges receipt of the above-mentioned report and would like to comment as follows:


1. Large A1 descriptive Master Layout Plan to scale be submitted of all infrastructure, watercourses, diversions, circulation, watercourse crossing.
2. Detail Rehabilitation Plan to be drawn up and submitted that will inter alia include all wetlands and rivers impacted upon up to the confluence with the Wilge River. Degraded river and wetland sections must be rehabilitated up to the confluence.
3. Plant Species Plans must be drawn up by a landscape architect, river ecologist, botanist, wetland specialist or combination of them for the Holfontein Spruit River and Klipfonteinspruit River and associated wetlands up to the confluence of the Wilge River.
4. Water lost to these rivers and wetlands because of the ash dump and New Largo cone of depression impacts must be modelled and Recharge Plans and Programmes be submitted to the Provincial Head for approval. Water lost to the system must be sourced elsewhere and discharge again to maintain the ecological class of rivers and wetlands. Details to be provided. Water of an acceptable aquatic quality must be discharged. Designs of discharge points to be detailed as bio retention wetland ponds. Dirty water from the filter drains below the ash dump must be treated to an acceptable quality before discharge. Water from the drains must be measured.

5. Clean water drains and diversions to be constructed as natural as possible to resemble natural streams.
6. Ash facility leachate protection system must be detailed and submitted. Leak detection system to be implemented and submitted for approval.
7. Lining must be detailed and submitted for approval to Civil and Designs of DWS component.
8. Water losses from subsurface flows must be modelled.
9. Ecological management class of rivers and wetlands must stay the same before and after.
10. Dust and noise must be controlled sufficiently.
11. Diversions must be made as natural as possible via the use of shaping to 1:3 or flatter, use of rock, rock mattresses, topsoil and vegetation.
12. Rehabilitation of side slopes of ash facility must be concurrent with development of facility and not steeper than 1:3. Side slopes must be protected against erosion, topsoil and be revegetated.
13. Topsoil must be stored correctly.
14. Rehabilitation team and equipment must be detailed.
15. Surrounding seeds must be harvested as part of rehabilitation.
16. Water quality and Bio-monitoring must be ongoing. Plan and program to be detailed.
17. Storm water management plan to be detailed.
18. Water sources and water balance to be detailed.
19. Waste and sewer management plan to be detailed and submitted.

In conclusion, Site A option is recommended for further optimization.

Please do not hesitate to contact the Department's Provincial Office should you have any queries.

Yours faithfully,


ff **PROVINCIAL HEAD: MPUMALANGA**

DATE: 21/10/2014

Tricia Njapha

From: Nicolene Venter
Sent: 22 October 2014 03:08 AM
To: selekanep@daff.gov.za
Cc: Mathys Vosloo; Tricia Njapha
Subject: Kusile 60 Year ADF EIA: Request for written comments on DEIR

Importance: High

Dear Mr Phahladira,

I hope that you are keeping well!

Mr Phahladira, I am the public participation practitioner responsible for the consultation process for the Kusile 60 Year Ash Disposal Facility (ADF) EIA.

I recall that you and Mr Ramodike attended the site visit on Friday 26 September 2014 with Dr Vosloo and Eskom team members the Kusile 60 Year ADF EIA. After the site visit, as the Way Forward, DAFF committed to submit written comments on the DEIR to our offices before the submission of the FEIR to the DEA.

It will be appreciated to receive confirmation as to whether DAFF will be submitting written comments to us (a.s.a.p as we are finalising the FEIR today) or whether the DAFF will submit their written comments on the FEIR directly to the DEA.

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!

