

**ENVIRONMENTAL IMPACT ASSESSMENT AND APPLICATION FOR A  
WASTE LICENSE FOR THE PROPOSED EXPANSION AND LICENSING OF  
THE GENERAL WASTE DISPOSAL SITE AT THE TUTUKA POWER  
STATION**

**(DEA REF NO 12/12/20/1553)**

**DRAFT Issues and Response Report  
Version 1**

This report (version 1) captures the issues raised by stakeholders during the Environmental Impact Assessment (EIA) process as well as the application process for a waste license for the expansion and licensing of the waste disposal site at the Tutuka Power Station, near Standerton, in Mpumalanga.

As part of the announcement, a Background Information Document (BID), with a comment and registration sheet was posted and distributed by hand on 26 August 2009. An advertisement was placed in various newspapers as well as site notices put up in the area of the proposed development during the last week of August 2009. Several stakeholders responded to the invitation to raise their concerns and the table below represents those comments.

An Open House Session and Public Meeting were held on 18 November 2009 at the community hall at Thuthukani Village to present the findings of the Scoping Phase. Issues raised at the meeting were captured in this report, which was available for comment from 11 November to 10 December 2009.

This report will be updated as the EIA unfolds.

	<b>COMMENTS, QUESTIONS AND ISSUES</b>	<b>COMMENTATOR(S)</b>	<b>SOURCE(S)</b>	<b>RESPONSE(S)</b>
1	Precautions must be taken to prevent pollution to streams due to the possible effluent/ rain water run-off from the site.	Mr Neels Vermaak, Department of Water Affairs, Standerton	Written response to the BID, 7 September 2009	This will be investigated during the specialist studies and will also be addressed in the Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP).
2	Care should be taken as not to pollute the tributary of the Leeuspruit that runs near the landfill site, because the water of this spruit runs to the Grootdraai Dam. The potential impact to the Grootdraai Dam will have to be quantified as part of the EIA.	Mr Neels Vermaak, Department of Water Affairs, Standerton	Public meeting held on 18 November 2009 at Thuthukani Village	Mr Konrad Kruger (Zitholele Consulting) explained that the prevention of pollution is one of the objectives of the EIA being done on the proposed extension or construction of a new landfill site. The possible impact on surface water will be investigated in detail during the EIA.
3	At what frequency are bins in Thuthukani Village being emptied and when is refuse transported to Kriel.	Ms Anelle Lotter, Zitholele Consulting	Public meeting held on 18 November 2009 at Thuthukani Village	Mr Johan Venter, (Tutuka Power Station) explained that refuse bins in Thuthukani Village are being emptied on a daily basis and two truckloads per day are taken to the Kriel landfill site. Transporting waste to the Kriel landfill site is expensive due to the distance and it also poses an added safety risk due to potential road accidents and spillages.
4	Storm water layout plans must be designed in such a way as to avoid any contamination of surface and underground water.	The Director, Environmental Impact Management, Department of Agriculture and Land Administration, Mpumalanga	Written response to the Draft Scoping Report on 18 January 2010	The waste disposal site designs as well as the operations plan and Environmental Management Plan will address the storm water concern.
5	The site must be away from any natural water courses.	The Director, Environmental Impact Management, Department of Agriculture and Land Administration, Mpumalanga	Written response to the Draft Scoping Report on 18 January 2010	Noted. The site selection and the site designs have taken all water features as sensitive features to be avoided.
6	Engineering plans must be submitted to the Department of Water Affairs to check the geohydrological and geotechnical studies	The Director, Environmental Impact Management, Department of Agriculture and	Written response to the Draft Scoping Report	All plans and drawings will be submitted to the DWA as part of the Integrated Water Use Licence Application.

	since the height will be between 10 and 15 metres and the size will be 12 ha.	Land Administration, Mpumalanga	on 18 January 2010	
7	All land owners, both private and state, must be informed of this project.	The Director, Environmental Impact Management, Department of Agriculture and Land Administration, Mpumalanga	Written response to the Draft Scoping Report on 18 January 2010	The existing landfill site is on Eskom property and surrounding landowners have been informed during the public participation process.
8	Plastic bags from the waste site blows into farmlands adjacent to the current site.	Mr Vosloo, owner of Pretoriusvlei Farm, adjacent to the land of the power station.	Personal telephonic communication with Me. Lotter on 9 November 2009	Noted. This issue will be addressed in the operational plan for the proposed site and was brought to the attention of the Power Station in terms of managing the current site. Please note that the waste on site has to be covered daily with soil, in order to prevent windblown waste.
9	The community will benefit from this project as the waste generated by the community will also be dumped on the new site. The community forum therefore supports this project due to its benefit to the community.	Thuthukani Joint Forum	Public meeting held on 18 November 2009 at Thuthukani Village	Noted

**Rambuda, Florence**

**From:** Odendaal, Anelle  
**Sent:** 07 September 2009 07:34 AM  
**To:** Kruger, Konrad; Joubert, Andre; Rambuda, Florence  
**Subject:** FW: Comment sheet

Dear colleagues

Please see comments attached from DWA.

Florence - please file. Andre will you please begin with an IRR for Tutuka.

Thanks

  
 Anelle Lotter (Odendaal)  
**Zitholele Consulting (Pty) Ltd**  
 Thandanani Park, Matuka Close, Halfway Gardens, Midrand, South Africa  
 Tel: +27 11 254 4855 Fax: +27 11 805 2100 Cell: +27 82 8045890  
 e-mail: [aodendaal@zitholele.co.za](mailto:aodendaal@zitholele.co.za)

**From:** Vermaak Neels (SDN) [<mailto:VermaakN@dwaf.gov.za>]  
**Sent:** 07 September 2009 07:13 AM  
**To:** Odendaal, Anelle  
**Subject:** Comment sheet

<p><b>ENVIRONMENTAL IMPACT ASSESSMENT                  AND APPLICATION FOR A WASTE LICENSE</b></p> <p><b>Proposed extension and licensing of the                  domestic waste disposal site at the Tutuka                  Power Station</b></p> <p>DEA Ref No 12/12/20/1553</p> <p><b>REGISTRATION AND COMMENT SHEET</b>                  Inserted in the Background Information Document</p>	<p><b>Zitholele Consulting</b>                  Public Participation Office                  Anelle Odendaal/Patiswa Mngokoyi                  PO Box 6002, Halfway House,                  1685                  Tel (011) 254-4855/4905                  Fax (011) 805 2100</p> <p>Email  <a href="mailto:aodendaal@zitholele.co.za">aodendaal@zitholele.co.za</a>/  <a href="mailto:patiswam@zitholele.co.za">patiswam@zitholele.co.za</a></p> <p><b>August 2009</b></p>
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*Please complete and return to the Public Participation Office (details above right)*

TITLE	Mr.	FIRST NAME	Neels	If you are an landowner, tell us your name and portion nr
INITIALS	C.J.	SURNAME	Vermaak	
ORGANISATION	Department of Water Affairs	EMAIL	<a href="mailto:vermaakn@dwaf.gov.za">vermaakn@dwaf.gov.za</a>	
POSTAL ADDRESS	Private bag x 2021, Standerton.	POSTAL CODE	2430	
TEL NO	082 809 5269	FAX NO	017 712 2087	

**COMMENTS** (please use separate sheets if you wish)

I suggest that the following issues of concern be investigated in the EIA:

Possible effluent / rain water run-off from the site, precautions to prevent pollution to public streams.

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Any other comments:

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Please ask the following of my colleagues/friends/neighbours to register as I&APs for this EIA:

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**THANK YOU FOR YOUR CONTRIBUTION**

**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 and Forestry 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.

<p><b>ENVIRONMENTAL IMPACT ASSESSMENT AND APPLICATION FOR A WASTE LICENSE</b></p> <p><b>Proposed extension and licensing of the domestic waste disposal site at the Tutuka Power Station</b></p> <p>DEA Ref No 12/12/20/1553</p> <p><b>REGISTRATION AND COMMENT SHEET</b> Inserted in the Background Information Document.</p>	<p>Zitholele Consulting Public Participation Office</p> <p>Anelle Odendaal/Patiswa Mngokoyi PO Box 6092, Halfway House, 1685 Tel: (011) 254-4855/4915 Fax: (011) 805 2100</p> <p>Email: <a href="mailto:odendaal@zitholele.co.za">odendaal@zitholele.co.za</a> <a href="mailto:patiswam@zitholele.co.za">patiswam@zitholele.co.za</a></p> <p style="text-align: center;"><b>August 2009</b></p>
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Please complete and return to the Public Participation Office (details above right)

TITLE	MR	FIRST NAME	GODFREY	<p>If you are an affected landowner, please tell us your farm name and erf/portion number</p> <p>_____</p> <p>_____</p>
INITIALS	G.M.	SURNAME	THEMA	
ORGANISATION	ANGLO COAL	EMAIL	gthema@anglocoal.co.za	
POSTAL ADDRESS	PRIVATE BAG 2032, STANDERTON	POSTAL CODE	21430	
TEL NO	011 749 0013 076 746 3766	FAX NO	086 564 7510	
<p>Please formally register me as an interested and affected party (I&amp;AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)</p>				<p><input checked="" type="checkbox"/> YES</p> <p><input type="checkbox"/> NO</p>
<p>I would like my notifications by</p>				<p><input type="checkbox"/> Mail</p> <p><input type="checkbox"/> Email</p> <p><input type="checkbox"/> Fax</p> <p><input type="checkbox"/> Telephone</p> <p><input checked="" type="checkbox"/> By email</p> <p><input type="checkbox"/> On CD</p>
<p>I would like to receive documents for comment as follows</p>				
<p>In terms of GNR 385 (EIA process regulations) I disclose below any direct business, financial, personal or other interest that I may have in the approval or refusal of the application:</p> <p><i>I am currently representing New Denmase College, which is currently using Tutuka Power Station landfill site for their domestic waste.</i></p>				

**COMMENTS** (please use separate sheets if you wish)

I suggest that the following issues of concern be investigated in the EIA:


*Quantity and impact on groundwater, surface water, dust from the landfill site. Are there any wetlands around the area? What about the pipes supplying water to the area?*

Any other comments:  
*Are there any boreholes around the area. Has the power station address the issue of the area where the mine would like to build a brea pond.*

Please ask the following of my colleagues/friends/neighbours to register as I&APs for this EIA:

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\_\_\_\_\_

<b>Mpumalanga Provincial Government</b>		
Piet Kromhof Building (3 <sup>rd</sup> Floor) Cnr Justice & Kruger Streets WITBANK 1035 Republic of South Africa		Private Bag x 7255 Witbank Tel: (013) 690 1269/79 Fax: (013) 656 5469
<b>DEPARTMENT OF AGRICULTURE AND LAND ADMINISTRATION ENVIRONMENTAL IMPACT MANAGEMENT –NKANGALA DISTRICT OFFICE</b>		
Litso Letekulima Kanye Nekaphatwa Kwemhlaba	Departement van Landbou, en Grondadministrasie	Umnnyango Wezokulima, Nebhoduluko KweNarha
<b>Reference:</b>		DEA Ref: 12/12/20/1553
<b>E-mail:</b>		gmmondlane@wit.mpu.gov.za
<b>Fax:</b>		086 511 1726

At: Anelle Odendaal

**Ziholele Consulting (Pty) Ltd**

P. O. Box 6002

Halfway House

1635

**Fax no:** 011 805 2100

Dear Anelle

**Re: Comments for a draft scoping report to submit a final scoping report for the proposed Tutuka Waste Disposal Site: Proposed extension of the existing General Waste Disposal site (and associated infrastructure) at Tutuka Power Station, Mpumalanga.**

We confirm having received the above document for comments the kind of development that is proposed and the concerns of its completion, these are the following comments.

- Storm water layout plans must be designs in a way to avoid any infiltration to the surface and underground water leaving the site.
- The existing site must be away from any natural courses to prevent any spillages.
- Engineering plans must be submitted to DWA to check the Geohydrological and Geotechnical investigations of the site since the height will be between 12ha in size & 10 – 15 m in height (page 18)
- Any infrastructure, jurisdiction or servitudes belonging to the organ of state or privately owned assumed to be disturbed, they must be informed in time since the project is existing and it's an expansion.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.

Yours faithfully

  
 Director  
 Environmental Impact Management

18/01/2010  
 Date