

# **Environmental Impact Assessment**

***Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria-Witbank railway (parallel to the N4) to the Kusile Power Station***

***DEA Ref No 12/12/20/1488***

## **FINAL Issues and Response Report**

**Version 3**

This report (Version 3) captures the issues raised by stakeholders during the Environmental Impact Assessment (EIA) process, from the Announcement Phase through to the Impact Assessment Phase, of the proposed construction of a railway line and associated infrastructure to connect Kusile Power Station to the national railway grid, west of Witbank north of the N4.

As part of the Announcement Phase, a Background Information Document (BID), with a comment and registration sheet was posted and distributed by hand. An advertisement was placed in various newspapers as well as site notices put up in the area of the proposed development during the week of 8 to 12 June 2009. Several stakeholders responded to the invitation to raise their concerns and the table below represents those comments. The initial comments and issues raised by stakeholders in the Announcement Phase of the project were documented in Version 1 of the Issues and Response Report.

Thereafter, in the Scoping Phase of the project, the Draft Scoping Report was placed on public review from the 27 July to 27 August 2009 and an open house and public meeting was held on 6 August 2009 to present the findings of the Scoping Report. All comments and issues raised during this phase of the project were documented and used to update the Issues and Response Report (Version 2).

The Issues and Response Report was again updated to Version 3 during the Impact Assessment Phase. During the Impact Assessment Phase the Draft Environmental Impact Report was placed on public review from 11 November until 10 December 2009 and an open house and public meeting was held on 26 November 2009.

This Report is attached to the Final Environmental Impact Report which is being submitted to the Department of Environmental Affairs (DEA). It is a record of all the issues and comments raised from the commencement of the project and serves the purpose of assisting the authorities in the decision making process, providing the DEA with an on-the-ground understanding of stakeholder sensitivities within the study area

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	COMMENTS, QUESTIONS AND ISSUES	COMMENTATOR(S)	SOURCE(S)	RESPONSE(S)
<b>A. BIOPHYSICAL STUDIES</b>				
1.	There are sensitive endemic plants and sand stone formations next to the Wilge River that must be conserved.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 9 June 2009 in response to the BID	A Terrestrial and Aquatic Ecology, Geotechnical and Soil Impact Assessment were undertaken in the Impact Assessment Phase of the project to assess these sensitivities. Additionally the emphasis has been placed on minimising disturbance of such sensitivities. <b>Please refer to Section 7.1.4; 7.1.10; 7.1.11; and Appendix L.</b>
2.	How safe will road crossings be once the railway line is constructed? Will bridges be built to ensure the safety of the local population?	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 9 June 2009 in response to the BID	No level crossings will be constructed. Either road-over-rail or rail-over-road structures are proposed. At all times Eskom will ensure that the safety of the local communities and their livestock are considered. During the negotiations process Eskom will discuss specific bridge type requirements with directly affected stakeholders. <b>Please refer to Section 4.2.6; 4.3; 9.1.5; and 9.1.9.</b>
3.	Topigs is concerned about the state of the stream that flows through the Topigs property and stated that Eskom should ensure environmental damage does not occur.	Dr Danie Visser and colleagues, Topigs	Meeting held between Eskom and Topigs during March 2009 regarding Eskom projects.	Eskom undertakes monthly surface water, groundwater and aquatic ecology quality monitoring in the area as part of the EMP requirements for the Kusile Power Station construction site. These reports were made available to Topigs and are available to all stakeholders who request a copy. An Environmental Monitoring Committee (EMC) has been established as part of the Kusile Power Station construction site, this committee monitors compliance to the conditions of the Environmental Authorisation for the Power Station. Interested and affected parties are represented on the committee including local authorities and landowners. Topigs was also encouraged to participate in the EMC. Additionally the railway being an associated

				<p>infrastructure of the Kusile Power Station will form part of the existing EMC as proposed in the EMP.</p> <p><b>Please refer to Appendix K.</b></p> <p>Either road-over-rail or rail-over-road structures are proposed. At all times Eskom will ensure that the safety of the local communities and their livestock are considered. During the negotiations process Eskom will discuss specific bridge type requirements with directly affected stakeholders. Eskom will ensure that no stakeholder is obstructed to their detriment without compensation and escape routes can be discussed during the negotiation process.</p> <p><b>Please refer to Section 4.2.6; 4.3; 9.1.5; and 9.1.9.</b></p>
4.	Concern was raised by Tupigs with regards to access and escape routes from their property if a railway line is constructed, as a railway line obstructs access.	Dr Danie Visser and colleagues, Tupigs	Meeting held between Eskom and Tupigs during March 2009 regarding Eskom projects.	<p>A Social, Terrestrial Ecology (fauna and flora) and Avi-fauna Impact Assessment was undertaken.</p> <p><b>Please refer to Section 9.1.7; 9.1.8 and 9.1.12 for the potential impacts.</b></p> <p>A Wetland Delineation Study was undertaken during the Impact Assessment phase of the project. The Kusile Power Station EIA undertook similar wetland delineation studies, which are being used for management at construction. A range of mitigation measures, including the avoidance of sensitive wetlands, have been included in the EMP for the Railway.</p> <p><b>Please refer to Section 9.1.5 and Appendix K.</b></p> <p>Noise, Air and Ecological specialist studies have been undertaken in the Impact Assessment phase of the project. The EMP provides mitigation measures to minimise pollution and contamination. Security is an area of concern, and is part of the day to day management on site. Eskom will continue to engage with landowners on security issues and plan to fence the railway servitude of to minimise access to</p>
5.	What will the future impact of this project be on people and animals?	Dr Danie Visser, Tupigs	Written response to the BID on 9 June 2009	
6.	We are concerned about the wetlands. It must be protected.	Dr Danie Visser, Tupigs	Written response to the BID on 9 June 2009	
7.	We are concerned about noise, pollution, bio-sensitivity and security.	Dr Danie Visser, Tupigs and Mr Jomé Buys, Bossemanskraal 8	Written responses to the BID on 9 June 2009	

				the surrounding landowners' properties. <b>Please refer to Section 4.2.4; 4.3 and 9.1 Appendix K.</b>
8	Alternative 2 will disturb the wetlands	Mr Jomé Buys, Bussenierskwal 8	Written response to the BID in July 2009	A Wetland Delineation study was undertaken in the Impact Assessment Phase of the project. Alternative 2 does cross the most streams out of the 3 railway alternatives and therefore is the least preferred alternative from a wetland perspective. <b>Please refer to Section 9.1.5 and Appendix L.</b>
9.	The gradient of the proposed route over the farm of Dr Meulenbeld is very steep. A lot of earthmoving will have to be done if this route is chosen.	Mr Johan Coertze, Onwenwacht 30	One-on-one visit 30 July 2009	Noted. A Geotechnical Investigation was undertaken. The railway requires a maximum of a 1:100 (1%) gradient in order to operate. Cut and fill operations are required to ensure the gradient is suitable. <b>Please refer to Section 4.1.9; 9.1.2 – 9.1.4 and Appendix L.</b>
10.	We will need a new road, because the proposed railway route will cut off our access to the tar road.	Mr Hans Coertze, Onwenwacht 30	One-on-one visit 30 July 2009	A Traffic Impact Assessment was undertaken in the Impact Assessment Phase of the project. No roads will be restricted and Eskom will ensure that no stakeholders are left without access. . <b>Please refer to Appendix L.</b>
11.	Our district gets very wet when it rains. During the last big rain a portion of the railway line almost washed away.	Mr Hans and Johan Coertze, Onwenwacht 30	One-on-one visit 30 July 2009	Noted. This will be taken into consideration in the final design of the railway line.
12	The Wilge River is already heavily polluted and care should be taken not to affect the river any further.	Mr Johan Coertze, Onwenwacht 30	One-on-one visit 30 July 2009	Noted. Surface water impacts are addressed in the report as well as mitigation measures in the EMP. <b>Refer to Section 9.1.5, 9.2.5 and Appendix K</b>
13.	What material will the fence on either side of the railway line be made of, because wire fences are frequently cut.	Dr Paul Meulenbeld, Landowner, Onwenwacht 532 JR	Written comment on 3 August 2009 in response to the DSR	Eskom cannot commit to the type of fencing at this stage. Once authorisation is received and negotiations commence a risk assessment will be undertaken to determine the most appropriate fencing. The type of fence can also be discussed on a case to case basis with landowners during the negotiation process however it is in all likelihood that the same fencing that Transnet users will be used. <b>Please refer to Section 4.2.4 and 4.3</b>
14	Is it safe and practical to have the railway line cross	Dr Paul Meulenbeld,	Written comment	For safety purposes, the railway line will either

	the tar road next to the dirt road entrance to our farms?	Landowner, Orwerwacht 532 JR	on 3 August 2009 in response to the DSR	go over or underneath the tar road. <b>Please refer to Section 4.2.6 and 4.3</b>
15	The geology includes Wilgenwiev sandstone (Waterberg Group) and defines a richer biodiversity than south of this outcrop.	Dr Paul Maulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 3 August 2009 in response to the DSR	Noted. <b>Please Refer to Section 7.1.2</b>
16	The power lines (overhead traction equipment) of the railway line will have an impact on the birds that breed on the farm. The dam on the farm has an island that serves as a breeding facility for a wide variety of indigenous birds.	Dr Paul Maulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 3 August 2009 in response to the DSR	An avi-faunal impact assessment was undertaken. The biggest impacts on avi-fauna are (1) During construction – loss of habitat and (2) During operation – collisions with overhead lines and moving train. Various anti-collision devices and other mitigation measures have been proposed as per the specialists recommendations. <b>Please refer to Section 7.1.12; 9.1.8; 9.2.8; Appendix K and Appendix L</b>
17	Figure 21 is incorrect – Unimproved grassland does not correctly describe the vegetation on my farm. The area has been cleared from invader species and seeded with Sirrusinger grass.	Dr Paul Maulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 3 August 2009 in response to the DSR	The map provided was a high level representation of vegetation during the scoping phase. The map was revised after a terrestrial ecology study was undertaken. <b>Please refer to Figure 7.24; Section 7.1.10; 9.1.7; and 9.2.7.</b>
18	Figures 22 and 23 – Biodiversity of Wilgenwiev sandstone communities is diverse and high in municipalities. Rand Highveld Grassland has an endangered status (p400 – Munica & Rutherford). Routing of the railway in this section might have to be reconsidered. These maps do not reflect this clearly.	Dr Paul Maulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 3 August 2009 in response to the DSR	A terrestrial ecology study was undertaken and the information the maps was updated. More detailed investigations were undertaken to determine any sensitivities for the alternatives. Where biodiversity is high or alternatively there is a large presence of red data species a Search and Rescue operation is proposed. <b>Please refer to Section 7.1.10; 9.1.7 and Appendix L and Appendix K.</b>
19	The impact of any blasting in the sandstone areas must be investigated.	Dr Paul Maulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 3 August 2009 in response to the DSR	Where possible blasting must be avoided as a last resort. Chemicals are proposed to be used where possible. The type of chemical will be investigated once authorisation is received and a detailed geotechnical investigation is undertaken. <b>Please refer to Section 7.1.2 and 9.1.2 and Appendix K and L.</b>
20	What will the volumes be of the carbon dioxide	Dr Danie Visser, Topigs	Public meeting to	The amount of CO <sub>2</sub> produced would be 30 Mt/annum, Limestone: 0,6 to 0,7 Mt/annum (600

	emissions, the limestone and the gypsum at the Kustle Power Station?		present the DSR on 6 August 2009	to 700 kJ/annum), and Gypsum: 1 - 1.2 Mt/annum <b>Please refer to the Eskom presentation from the public meeting (Appendix J).</b>
21	Will dynamite be used to clear a route for the railway line?	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Public meeting to present the DSR on 6 August 2009	Chemicals will be used to soften rock and blasting will only occur as a last resort. Eskom will ensure that these chemicals do not cause pollution to the environment. <b>Please refer to Section 7.1.2 and 9.1.2 and Appendix K and L.</b>
22	What will be the size of the servitude for the railway line?	Mr Konrad Kruger, Zitholele Consulting	Public meeting to present the DSR on 6 August 2009	35 metres on flat surfaces (17,5 m on either side of the line) and a little wider where dips and valleys have to be filled up with silt. <b>Please refer to Section 4.</b>
23	How many substations will be built?	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Public meeting to present the DSR on 6 August 2009	Two will be needed. The substations will be located approximately 10km's apart in the proposed servitude for the railway. <b>Please refer to Section 4.1.7 and 4.2.1</b>
24	Can the gradient only be one percent, because my farm has many steep areas?	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Public meeting to present the DSR on 6 August 2009	One percent (1:100) is the steepest the railway line can go (maximum) and it is therefore important to fill up the valleys and cut through the hills to ensure that the line is running as level as possible. <b>Please refer to Section 4.1.9; 7.1.3; and 9.1.2</b>
25	Where will the railway line cross the N4 highway?	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Public meeting to present the DSR on 6 August 2009	The exact spot will be finalised during the detailed design phase once authorisation has been received. However the crossing will have to be within the 500 metre corridor assessed.
26	What type of rock filling will be used for the foundation of the railway line, because different rock types will impact differently on groundwater and wetlands?	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Public meeting to present the DSR on 6 August 2009	Engineers will be appointed to identify the correct type of filling to prevent the railway line from hindering the natural flow and the quality of the water. Additionally the ballast is likely to be comprised of mainly granite. <b>Please refer to Section 4.3 and 9.1.4</b>
27	Will the sorbent be transported as powder or rock?	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Public meeting to present the DSR on 6 August 2009	The sorbent will be transported as rock of a defined particle size (between 1mm and 18 mm in size). The exact size of the particle size is not at this time known. <b>Please refer to Section 5.2 and 9.1.2</b>
28	Why did Eskom not choose the most direct route	Mr Peter Grintzer, Landowner,	Public meeting to	A screening exercise consisting of six

	<p>between Kusile and the existing railway line?</p>	<p>Farm Onverwacht Portion 4</p>	<p>present the DSR on 6 August 2009</p>	<p>technically feasible alternatives was undertaken prior to the EIA. The three most environmentally acceptable alternatives have been taken forward for further assessment in the EIA. Some alternatives were discarded for various reasons, such as: the gradient being too steep, due to the very steep hills in that area. Digging a tunnel would have created more environmental problems and would be too expensive. Another option was a corridor north of the Wilge River, but there are too many smallholdings in that area. An additional corridor that fell away was to the northeast but the war memorial in Balmoral was in the way of that corridor.  <b>Please refer to the preamble "Purpose of this document"; Section 1.6; 4.3 and 5.2</b></p>
<p>29</p>	<p>A holistic approach towards preventing the pollution of our resources must be taken. I am worried that the Klipfontein spruit will be polluted by leaching from the dams at the power station.</p>	<p>Dr Danie Visser, Topigs</p>	<p>Public meeting to present the DSR on 6 August 2009</p>	<p>This is indeed the objective. The railway is an associated infrastructure to the Kusile Power Station.                  The power station is not meant to be able to release water into the surrounding rivers. The EMP for the power station states that storm water measures must be put in place to prevent any contamination or disturbance to any rivers in the area. Culverts are to be constructed around the power station to catch any spills and run-off. The power station is, therefore, intended to be a closed system and no water is meant to escape – this is in line with Eskom's Zero Liquid Effluent Discharge (ZLED) philosophy. Even rain falling on the ash dump will be collected and recycled. The Kusile power station will receive water from the Kendal pipeline and will also recycle water for re-use. The EMP for the railway also addresses such water quality concerns and issues.  <b>Please refer to Appendix K.</b></p>
<p>30</p>	<p>The Wilge River is still very clean and Eskom must do their utmost to keep it that way.</p>	<p>Mr Peter Glinitzer, Landbouwer, Farm Onverwacht Portion 4</p>	<p>Public meeting to present the DSR on 6 August 2009</p>	<p>Noted, see comment above</p>



31	I am worried about the close proximity of Alternatives 1 and 2 to our abattoir and home. The health inspector said extensive changes must be made to an abattoir that is operated near a railway line. A survey team visited the farm and told me that the preferred corridor will go through two of our kraals, a store, three houses and will be 50 metres from our house.	Ms Nadia van Vuuren, Landowner, Farm Orwenwacht Portion 1	Public meeting to present the DSR on 6 August 2009	Eskom will compensate landowners for all structures that have to be moved or changed due to an Eskom development.
32	What will be transported?	Mr Bruce Wait, Landowner, Orwenwacht Portions 23 and 26	Public meeting to present the DSR on 6 August 2009	Sorbent will be transported and it will be used in a process of minimising SO <sub>2</sub> emissions from the Kusile Power Station. <b>Please refer to the preamble "Purpose of this document" and Section 4</b>
33	My farm and the access road will be affected by the railway line.	Mr Thami Sondiyazi, Landowner, Orwenwacht Portions 18 and 22	Public meeting to present the DSR on 6 August 2009	Landowners will not be cut off from their properties, Eskom will engage with landowners to agree on the best access approaches.
34	I would prefer the corridor not to go through my chicken coups, but rather through the area of my property where there are no buildings.	Mr Thami Sondiyazi, Landowner, Orwenwacht Portions 18 and 22	Public meeting to present the DSR on 6 August 2009	Noted, if this is possible from an environmental and technical point of view and within the assessed corridor Eskom will do their utmost to accommodate such requests. However should this not be feasible Eskom will ensure that you are compensated for your loss.
35	P24, Section 4.1.3 of the DEIR. The time schedules of the trains have to be known in order to calculate a secure impact/risk value.	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	The exact times of travelling of the wagons will be informed by consultations and engagements with the Transnet Freight Rail (TFR), who will be operating the rail. Eskom cannot at this stage commit to the time schedules of the train. Eskom will also prefer for the train to be delivering during day times as it will prevent operations after hours <b>Please refer to Section 4.1.3</b>
36	P27, Section 4.1.9 of the DEIR. The impact of the 1:100 gradient on the safety of people and livestock should be considered, because some of the cuttings through the hills will be up to 13 m deep.	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	The servitude will be fenced off to ensure safety to people or livestock. Communities will be involved in the implementation of security measures. <b>Please refer to Section 4.2.4</b>
37	P28, Section 4.2.4 of the DEIR. A concrete structure as fencing is more appropriate and must be defined as such in the report. Refer also to Table 4-2 on p.30.	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	Eskom cannot commit to the type of fencing at this stage. Once authorisation is received and negotiations commence a risk assessment will be undertaken to determine the most appropriate fencing. The type of fence can also

				be discussed on a one to one basis with landowners during the negotiation process however it is in all likelihood that the same fencing that Transnet uses will be used. <b>Please refer to Section 4.2.4 and 4.3</b>
38	P30, Table 4-2 of the DEIR. Address the maintenance of drainage channels (by whom, when, how, removal of debris/weeds)	Dr Paul Meulenbeld, Landdowner, Orwenwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	It is Eskom's responsibility to ensure that the drainage channels are maintained at regular intervals or when necessary. <b>Please refer to Section 6.3 of the EMP.</b>
39	P30, Table 4-2 of the DEIR. Properties of ballast (pollution impacts) have to be addressed.	Dr Paul Meulenbeld, Landdowner, Orwenwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	The composition of the ballast will be mainly granite. <b>Please refer to Section 4.3 and 9.1.4</b>
40	P30, Table 4-2 of the DEIR. Current rehabilitation practices at Kusile Power Station are questionable and concerns regarding this have been forwarded to Ms Deirdre Herbst. In the light of this, the Eskom SHE policy is of no value and there is no commitment and enforcement. Refer also to p134, p37 and 144.	Dr Paul Meulenbeld, Landdowner, Orwenwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	Due to some delays in completing the stormwater and stream diversion construction there has been additional silt discharge downstream. However, good progress has been made towards completing the construction. Several areas have been rehabilitated and where necessary stormwater drains have been grassed. Downstream monitoring has been intensified and blurring specialists have indicated that there is not a significant short term impact and there will be no long term impact resulting from the additional silt load. <b>Please refer to the avi-fauna specialist study (Appendix K).</b>
41	P39, Section 5.3 of the DEIR. More detail about the impact of the power lines on birds, especially around water courses and features is essential. Refer to p142 and 165.	Dr Paul Meulenbeld, Landdowner, Orwenwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	<b>Please refer to Section 7.1.10 and the Terrestrial Ecology specialist study – Appendix L</b>
42	Three vegetation types are mentioned on p78, but the discussion following on this (p78 – 82) does not refer back to these and is confusing. I am concerned how the railway line will affect the biodiversity on my property (rocky outcrops) as it is unique in the area and along the railway line. Note the comment raised during the Scoping Phase: the biodiversity of Wilgerivier Sandstone communities is diverse and high in numbers. Rand Highveld Grasland has an endangered status (P400 Munica & Rutherford). The route of the railway line in this area might need to be	Dr Paul Meulenbeld, Landdowner, Orwenwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	

	reconsidered. The maps do not reflect this clearly.				
43	Note that the African spoonbill (P88) visits the area. (A previous comment of mine refers to the typical visitors which are the kolgans, swartsterretjies, lepelaar, wilde riakou, reier, kiewiet, slanghalsvuel, wibon sduiker, gewone duiker, bleshoender, dubbenjies, eerndel)	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	Thank you for your inputs they have been included in the Final Report. <b>Please refer to Section 7.1.11; 7.1.12 and Appendix L.</b>	
44	P94, Section 7.2.2 of the DEIR. There are two wards: Emalaheni and Kungwini (P99, Table 7-22)	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	Noted the most northern portion of the study area falls within Kungwini however the other ward has been adopted. <b>Please refer to Section 7.2-2</b>	
45	P100, Section 7.2.3 of the DEIR. Take ambient and nuisance noise into consideration.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	<b>Please refer to the Noise Impact Assessment – Appendix L</b> which refers to the ambient and nuisance noise.	
46	P100, Section 7.2.4 of the DEIR. Visual impact will be high from my property. The accompanying maps are questionable.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	<b>Please refer to Appendix L</b> for a detailed explanation of the delineation of the visual impacts used in compiling the maps. The scale used is from low (portion of the rail visible – green) to high (entire railway visible – red). The larger the portion of the railway that is visible from an observation point, the higher the visual impact. A large influential component to the visual impact is the topography in the area.	
47	P123, Section 9.1 of the DEIR. The actual construction route (marked) and its related impacts are still unknown.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	The impacts within each corridor are known. A corridor of 500 metres was assessed for each railway alternative however the servitude will be 35 metres wide. The reason for this approach is once a corridor alternative has been approved by the DEA a "walk down" of the route will take place in order to ensure that deviations of the route can still be made within the approved corridor should any sensitivities be observed or negotiations require the route to slightly deviate.	
48	P126 of the DEIR. No geotechnical impacts are mentioned for the railway construction through 11 km of rocky outcrops (Wilgerivier Sandstone). This is also valid for the other two routes. Refer to p135 'never to clear rock for the railway line'. Explain this as it does not make logic sense. Note the comments raised	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	Geotechnical impacts were assessed along the entire length of each corridor. Proposed mitigation measures have been recommended. P135 states "Use blasting as a last resource, preferably never to clear rock for the railway line" – this means that wherever possible	

	during the Scoping Phase regarding the impacts of any blasting work, especially in sandstone areas.			blasting should be prevented and chemicals should be used to break down rocks. <b>Please refer to the Geotechnical Specialist study in Appendix L and Section 9.1.2 and 9.1.3.</b>
49	P152 of the DEIR. The comment regarding road surfacing. Is it 'should' or 'shall'. The impact on farm roads like north of the R104 needs more investigation. This road is steep and narrow and limits heavy traffic flow.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	A traffic impact assessment was undertaken – <b>please refer to Appendix L</b> . Additionally it is proposed that a traffic management plan be developed. <b>Please refer to the EMP – Appendix K.</b>
50	P157 and 168 of the DEIR. Elaborate more about security mitigation. The referral to Section 10.1.12 is not appropriate.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	Eskom security will be controlling access to the railway line and service road. Eskom will develop a security management plan to ensure the integration of security in the area. Eskom is involved in a forum with stakeholders in the area to discuss security issues – the forum will advise on the feasibility of proposed security measures, and also undertake reviews of successes and challenges. <b>Please refer to Section 9.1.12</b>
51	P158 of the DEIR. What about the Kungwini Ward Councillor?	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	<b>Please refer to Section 9.1.12</b>
52	P160 and 169 of the DEIR (Refer also to p100). What about the noise attenuation in the cuttings/bridges. Naturally the noise increases in such structures (Doppler Effect). This has not been addressed in the study and has to be considered	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	Thank you, this has been included in the Final Report. <b>Please refer to Section 9.2, 13</b> . The findings however are still a high noise impact during the operational phase.
53	P22 of the Draft EMP. Annual ambient/nuisance noise measurements must be done with the train in the background.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	The noise specialist took information from a previous study involving a similar train and railway to anticipate such impacts.
54	Provide a contact number in the EMP to record environmental, maintenance (drainage channel, exotic vegetation, fence) and security complaints.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	<b>Please refer to the EMP</b> . It is recommended that a notice board be erected in the study area with the contact details of responsible individuals. It is not at this stage known who the ECO etc will be and therefore it cannot be included at this stage.
55	Provide an annual environmental compliance monitoring report to all affected parties.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Written comment on 23 November 2009 in response to the DEIR	<b>Please refer to the EMP</b> . The site will be regularly audited both internally by the Eskom

		JR		2009 in response to the DEIR	ECO and externally by an independent party to determine compliance with the EMP. These reports can be made available to any interested stakeholder. According to Eskom's SHE Policy (32-94), Appropriate management systems will be established, which includes the prevention of pollution and environmental degradation and, will be supported by ensuring compliance with the SANS ISO 14001 or other appropriate quality standards, and annual compliance audits to this standard or the other appropriate standards.
56	Has any ISO14001:2004 auditing been considered?	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR		Written comment on 23 November 2009 in response to the DEIR	Eskom Exec has committed all business units to achieving ISO 14001 certification by March 2011. Subsequently and EMS will be established as has been the case for the Kusile Project
57	There is a general lack of impact assessment on the fixed railway line route from the existing railway line to the start of the alternative lines, it passes through my property and as there are no alternatives for this section of the route, more studies have to be carried out for this section as some misleading statements were captured in the DEIR.	Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR		Written comment on 23 November 2009 in response to the DEIR	All three alternatives converge towards the existing Transnet railway to the north of the study area. The reason for this is due to the required curves and technical aspects as well as surrounding topography in the area. There are no technically feasible alternatives at this portion of the study area. The impacts were assessed equally along the entire length of the alternative corridors.
58	The description on page 5 of the Executive Summary – under the column Sensitivity (Noise) with reference to Alternative 2, should change from moderate to high.	Dr Danie Visser, Topigs		Written comment on 6 December 2009 in response to the DEIR	Due to the sensitivities of the receptors to noise in the study area, this has been noted and the report has been amended. <b>Please refer to the Executive Summary and Conclusion in the Final EIR.</b>
59	The sorbent yard is approximately 3km in length – either 33% or 15 % of the length of the entire railway line. What is the total surface area of the sorbent yard and which preventative measures will be taken to prevent leaking and or pollution?	Dr Danie Visser, Topigs		Written comment on 6 December 2009 in response to the DEIR	The sorbent yard formed part of the Kusile Power Station EIA and hence all impacts were taken into consideration. All mitigation measures proposed in the EMP for the Power Station have to be adhered to.
60	Could you indicate where exactly the substations will be erected (Section 5.3)?	Dr Danie Visser, Topigs		Written comment on 6 December	<b>Please refer to the map on p5 of the EMP.</b> The substations will be located at the point

				where the proposed power line joins the proposed railway and are dependent on the preferred alternative that is ultimately approved (both railway and power line). Details requested are as follows: 1) Remove all temporary facilities and waste materials 2) Replace stockpiled topsoil 3) Install necessary drainage works and anti-erosion measures 4) Landscape and revegetate disturbed areas with appropriate vegetation 5) Ensure that the Contractor is required to maintain revegetated areas until an acceptable cover has been achieved <b>Please refer to Appendix B of the EMP for further information (Appendix K)</b> Noted: <b>Please refer to Appendix K</b> . A 50 metre buffer zone has been proposed. Additionally Eskorn is in the process of applying for a Water Use License.
61	I would like to have full details on the rehabilitation phase and the decommissioning and closure phase with regards to vegetation, ground surface, etc.	Dr Danie Visser, Tupiys	2009 in response to the DEIR Written comment on 6 December 2009 in response to the DEIR	
62	A 50 m buffer zone around water features is needed according to Section 21 (1) of the National Water Act (N 36 of 1998). Eskorn will require an authorisation from the Department of Water Affairs for any activity within the riparian habitat or 1:100 floodline, whichever is greater.	Dr Paul Meulenbeld	Written response on 30 November in response to the DEIR	
63	Final designs regarding the railway line on Orwenwacht 532JR, Portion 58 is required in order to understand the impact on the farm, especially if the gradient is taking into account. Such designs will assist in future negotiations with Eskorn.	Dr Paul Meulenbeld	Written response on 30 November in response to the DEIR	Noted: These designs will be made available during negotiations once an alternative has been approved.
64	It is understood that the servitude will act as a transport road for construction purposes. During the construction phase a large portion of my grazing will be cut off from the rest of the farm and this needs to be considered.	Dr Paul Meulenbeld	Written response on 30 November in response to the DEIR	Either road-over-rail or rail-over-road structures are proposed. At all times Eskorn will ensure that the safety and access of the local communities and their livestock are considered. During the negotiations process Eskorn will discuss specific bridge type requirements with directly affected stakeholders. Eskorn will ensure that no stakeholder is obstructed to their detriment. <b>Please refer to Section 4.2.6; 4.3; 9.1.5; and 9.1.9.</b>

65	How will the railway line be constructed over a stream while maintaining a flow of water?	Mr Johan Kotzé, Landowner, Kofffontein Portion Farm 2/ Farm Bossersankraal Portion 1	Public meeting to present the DEIR on 26 November 2009	It is proposed that a bypass will first be constructed to divert the flow of the water. Monitoring stations are placed 50 metres up- and downstream to monitor water quality during construction.
66	Blasting was not mentioned in the DEIR, but on my farm it will be necessary to blast because it is very rocky.	Dr Paul Maullenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	Blasting was described in the report however it will be the very last option. There are chemicals available today that will soften certain rock and this option will first be exhausted. <b>Please refer to Section 9.1.2</b>
67	A previous report indicated the proposed railway line will go under the R104 secondary road.	Dr Paul Maullenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	Studies have shown it will be better for the proposed route to go over the R104 and under the N4 highway and therefore the report had to be amended.
68	Where will the proposed railway line cross the N4 highway?	Dr Paul Maullenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	It is proposed to cross near the existing farm bridge east of the Bossersankraal turnoff.
69	I am worried that my cattle will be separated from their water source during and after construction	Mr Johan Kotzé, Landowner, Kofffontein Portion Farm 2/ Farm Bossersankraal Portion 1	Public meeting to present the DEIR on 26 November 2009	Eskom will ensure that access to resources is not restricted for communities and animals. Landowners will also always be consulted before and during the construction phase to work out the best possible solution to such problems as water for animals.
70	The sleepers used in the PowerPoint presentation differ from the ones specified in the report.	Dr Paul Maullenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	The pictures used in the presentation were only for illustration purposes and cement sleepers will be used.
71	The bridge over the R104 will be quite big because there is a stream as well.	Dr Paul Maullenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	The stream next to the road is the main reason why it was decided not to go underneath the R104.
72	Limestone containing silica could cause lung diseases.	Dr Paul Maullenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	Noted. Restrictions of the type of limestone will be included in the specifications of the Environmental Management Plan. <b>Please refer to p22 of the EMP – Appendix K</b>
73	The chemicals that will be used to soften the rock have	Dr Paul Maullenbeld,	Public meeting to	Different types of rock react differently to the

	not been discussed in the DEIR. When will this be included and when will the final design of the railway line be available.	Landowner, Orwerwacht 532 JR	present the DEIR on 26 November 2009	chemicals. Samples of the different rock types must first be analysed to see what type of chemical needs to be used or alternatively if blasting will be needed. This information will then be used to update the EMP once authorisation is received. The various alternative railway designs will be made available during negotiations with the affected landowners. <b>Please refer to the EMP – Appendix K.</b>
74	In case of oil and fuel spillages, there should be an emergency plan.	Ms A Cele, Department of Health	Written response to the BID in July 2009	<b>Please refer to the EMP – Appendix K.</b>
75	Waste must be managed properly.	Ms A Cele, Department of Health	Written response to the BID in July 2009	<b>Please refer to the EMP – Appendix K.</b>
76	All emissions should be in compliance of the National Environmental Air Quality Act.	Ms A Cele, Department of Health	Written response to the BID in July 2009	An AF quality assessment was conducted and mitigation measures have been proposed. <b>Please refer to Section 7.1.1; 9.1.1 and 9.1.2 and Appendix K</b>
//	The ridge on my farm where the proposed railway line will go has a rich biodiversity. The fence span allocated for the specialist studies (September/October 2009) is too short to assess the biodiversity of the area. Many grass species are only visible during winter (flowering) and then there are species only visible in summer.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59	Written comment on 3 August 2009 in response to the DSR	The terrestrial ecologist went to site in the winter months and in the summer months to cover all the flowering seasons. Additionally all available information on the area was included in the study. <b>Please refer to the Terrestrial Ecology Specialist study – Appendix L</b> <b>Please refer to the EMP – Appendix K.</b>
78	The Department has no objection to this project as long as possible impacts are identified and mitigated. The following conditions should be adhered to during the construction of the proposed property: <ul style="list-style-type: none"> <li>• If any construction is planned in wetlands, on ridges and hills, alternative sites must be considered and indicated.</li> <li>• Soil must be suppressed at all times to minimise excessive dust.</li> </ul> The applicant is responsible for remediation according to Section 28 of the NEMA.	The Director, Environmental Impact Management, Department of Agriculture and Land Administration.	Written response to the Draft Environmental Impact Report on 18 January 2010.	



<b>B. PROCESS ISSUES</b>						
1	Eskom contractors are performing pegging activities on our properties without our knowledge ostensibly for the proposed railway line.	Dr Danie Visser and colleagues, Topigs.	Meeting held between Eskom and Topigs during March 2009 regarding Eskom projects.	An apology was made on behalf of Eskom and it was explained to Topigs that there is a strict protocol that Eskom follows before entering land and that it was obviously ignored. This behaviour is unacceptable and strong representation will be made to the Eskom department concerned.		
2	People were working in the area and on our properties without informing us beforehand.	Ms Hester Gintzer Farm Onwerwacht Portion 4	Comments during site visit on 9 June 2009	Noted and conveyed to Eskom.		
3	The bridge over the N4 must be in accordance with SANRAL's standards, procedures and requirements. An agreement with SANRAL will have to be completed prior to commencement of the engineering design and construction activities. Mr Edwin Kruger at SANRAL headquarters is the bridge engineer and should be contacted with everything you require.	Mr Mike Yorke-Hart, SANRAL	Written comment on 14 August 2009 in response to the DSR	Noted. Project to comply with this requirement.		
4	Will interested and affected parties receive a copy of the proceedings to see if their comments have been recorded?	Dr Pajul Meulenbeld, Landowner, Onwerwacht 532 JR, Portions 58 and 59	Public meeting to present the DSR on 6 August 2009	A report of the meeting was sent to all who attended and that all comments are captured in this Issues and Response Report that is part of the EIA documentation.		
5	Topigs will give no access to their property if arrangements are not made well in advance.	Representative of Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	Noted, and appreciated		
6	It is almost impossible to expect from the normal I & AP (hence, the man in the street) to know and understand the contents and details of NEMA, all the relevant Acts and other documents, Information Series, the Electricity Planning Process, the IEP, NERP and the White Paper on the Energy Policy of the RSA (1998).	Dr Danie Visser, Topigs	Written comment on 6 December 2009 in response to the DEIR	A concerted effort has been made to ensure that the level of writing is understood by all stakeholders. Additionally stakeholders were provided the opportunity to ask questions at the public meeting where NEMA was explained in detail		
Z	A site visit is mentioned on p 13. Could the project team evaluate the area of the envisaged route effectively in those two days?	Dr Danie Visser, Topigs	Written comment on 6 December 2009 in response to the DEIR	The date provided on p13 refers to the initial site visit used to familiarise the project team with the study area. Several other site visits have taken place throughout the duration of the EIA.		

				Additionally specialists spent several days in the study area assessing specific impacts. A proper assessment was done on the study corridors. The project team appreciates the access granted by all landowners.
8	The down erfication that I received contained no appendices. The specialist reports (Appendix L) could therefore not be perused.	Dr. Danie Visser, Topigs	Written comment on 6 December 2009 in response to the DEIR	Apologies. The full report, specialist studies and all appendices were delivered to Topigs for their comments as well as all stakeholders who requested additional information.
9	Why is the proposed northern power line not routed north of the current proposed route and does the power line construction need a Water Use Licence Application (WULA).	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	The power line does not need a WULA, because the pylons will be planted on either side of the stream/srivers, no footings will be placed in any water body. Subsequently rivers/streams and associated flood plains will not be impacted on by the transmission line
10	Why was the word 'should' used in the sentence '...construction traffic could cause surface distress and edge deterioration to the tamed R104 between Bronkhorstspuit and Balmoral and should be resurfaced back to its original condition....'.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	The Environmental Assessment Practitioner (EAP) can only recommend. The decision of what needs to be done will be taken by the Department of Environmental Affairs.
11	Should the proposed development involve any other listed activities, an application for environmental authorisation must be submitted to this Department and authorisation obtained prior to its commencement.	The Director, Environmental Impact Management, Department of Agriculture and Land Administration.	Written response to the Draft Environmental Impact Report on 18 January 2010.	Noted.
<b>C. SOCIAL ISSUES</b>				
1	What will the impact be on security at the surrounding farms during the construction phase with an influx of many construction workers? How safe will our cattle be?	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59	Written comment on 9 June 2009 in response to the BID	Measures have been outlined in the EMP and all workers will have to adhere to these measures or requirements. Eskom will further engage a security management plan to ensure the integration of security. <b>Please refer to Appendix K</b>

2	Ensure compliance with the Occupational Health and Safety Act and Regulations.	Ms A Cele, Department of Health	Written response to the BID in July 2009	<b>Please refer to the EMP – Appendix K.</b>
3.	In case of a disaster, a detailed plan should be in place.	Ms A Cele, Department of Health	Written response to the BID in July 2009	<b>Please refer to the EMP – Appendix K.</b>
4	The service road next to the railway line will be used for theft.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59	Written comment on 3 August 2009 in response to the DSR	Noted. The security plan will address this issue.
5	Wire should not be used for the fence on either side of the railway line, because the wire will be stolen and our cattle will either be run over by a train or be stolen. Rather build a cement palisade that will be much more efficient and will last much longer.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59, Mr Pieter van Vuuren, Landowner, Farm Orwerwacht Portion 1 and other stakeholders.	Public meeting to present the DSR on 6 August 2009	Eskom cannot commit to the type of fencing at this stage. Once authorisation is received and negotiations commence a risk assessment will be undertaken to determine the most appropriate fencing. The type of fence can also be discussed on a one to one basis with landowners during the negotiation process however it is in all likelihood that the same fencing that Transnet uses will be used. <b>Please refer to Section 4.2.4 and 4.3</b>
6	What times will the train enter and exit the power station, because it will make quite a noise if it is going to be at night	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59, Mr Pieter van Vuuren, Landowner, Farm Orwerwacht Portion 1 and other stakeholders.	Public meeting to present the DSR on 6 August 2009	This can only be answered after Eskom has had discussions with Transnet to see where the trains can fit into the existing schedule.
7	We are all concerned about the possibility of theft during the construction of the railway line and during operation. Thieves will use the railway line as an access point to enter the area and steal their animals.	Mr Manie Venter, Landowner, Orwerwacht, Mr Van Vuuren and other landowners	Public meeting to present the DSR on 6 August 2009	Eskom security will be controlling access to the railway line and service road.
8	A strong fence, preferably a cement palisade, on either side of the railway line is vital.	Mr Pieter van Vuuren, Landowner, Farm Orwerwacht Portion 1 and other stakeholders	Public meeting to present the DSR on 6 August 2009	Eskom cannot commit to the type of fencing at this stage. Once authorisation is received and negotiations commence a risk assessment will be undertaken to determine the most appropriate fencing. The type of fence can also be discussed on a one to one basis with landowners during the negotiation process however it is in all likelihood that the same fencing that Transnet uses will be used. <b>Please refer to Section 4.2.4 and 4.3</b>

9	Crime is a reality and criminals will use the railway line and service road to gain entry to the farms. There will also be crime during construction and not only animals will be stolen but cables as well.	Dr Danie Visser, Topigs	Public meeting to present the DSR on 6 August 2009 and a written response to the DEIR on 6 December 2009	Eskom will engage the local Police and stakeholders to become more involved in the project area on a security forum, the farmers were asked to become part of this crime campaign and join forces with Eskom and the Police. It was requested to the farmers to give any ideas on how to tackle crime to Eskom and the Police.
10	Landowners are also worried about security, both personally and for the animals. I am alone on the farms for most of the time and will feel unsafe if there is an influx of workers into the area.	Mr Nadia Jansen van Vuuren, Landowner, Farm Onverwacht Portion 1 Mr Pieter Jansen van Vuuren and Mr Corne Tewitz	Public meeting to present the DSR on 6 August 2009 Public meeting to present the DEIR on 26 November 2009	Noted. This will also be addressed in the integrated security management plan.
11	I would have liked the railway line to be more towards Balmoral, but does not have any argument with the current process. I am also worried about the potential increase in crime with construction workers entering the area.	Mr Bruce Watt, Landowner, Onverwacht Portions 23 and 26	Public meeting to present the DSR on 6 August 2009	Noted. This will also be addressed in the integrated security management plan.
12	Topigs bought the farm for its isolation and for the safety associated with that. These considerations are now seriously being compromised by Eskom's proposed developments.	Dr Pieter Verduyn, Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	Noted. Eskom will endeavour to minimise and avoid any activities that could compromise the functioning of this operation, Eskom foresees this to be a joint participative venture.
13	Topigs is very concerned about generally poor safety that is associated with railway lines and their maintenance roads, especially due to the access that it provides with respect to crime.	Representative of Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	Noted. The security management plan will address this.
14	Topigs is very concerned about security and would like to work closely with Eskom to prevent any crime in the area.	Representative of Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	Eskom will arrange for Topigs management to meet with Eskom's protective services. It was agreed by all that safety and security is a priority for neighbouring farms to the power stations and that neighbours, Eskom and the police should be informed of incidences and work together to prevent crime. This initiative has started.
15	As mentioned previously a concrete fence is preferred, because it will be sustainable and place fewer burdens on landowners who become entrapped in bureaucratic	Dr Paul Meulenbeld	Public meeting to discuss the DEIR on 26 November	Eskom cannot commit to a cement palisade as this stage. A risk assessment will be done to see what fence will be most appropriate.

	dealings if a claim for cattle losses or fence restoration is lodged. A concrete fence also has no economic value and will not be stolen. Anglo Coal Landau Colliery erected such a concrete fence along a 20 ktr railway line from Navigation Plant to Landau Mine.		2009, and Written response on 30 November in response to the DEIR	A four foot wire fence is the norm for cordoning off servitudes for rail.
16	The arrival and departure times of the trains will be vital, because the impact will be bigger at night.	Dr Paul Meulenbeld	Public meeting to discuss the DEIR on 26 November 2009	Eskom also wants the trains to arrive and depart during daytime, because working at night creates additional problems. It all depends on when Transnet can fit the sorbent trains into its schedule. As soon as Eskom receives confirmation of the timing of the trains, it will be shared with the community.
17	Please note the noise ratings for rural areas are 45 dB during the day and 35 dB at night.	Dr Paul Meulenbeld	Written response on 11 December in response to the DEIR	Noted with thanks.
18	There is a grave next to the R104 on the property of Mr Buks Herman.	Dr Paul Meulenbeld	Public meeting to discuss the DEIR on 26 November 2009, and Written response on 30 November in response to the DEIR	This information will be included in the Final Report. <b>Please refer to Section 7.3.1</b>
19	Which farm roads will be used during the construction of the railway line.	Mr Pieter Jansen van Vuuren	Public meeting to discuss the DEIR on 26 November 2009	As few as possible of the farm roads will be used. A road will be built in the servitude next to the railway line and this will be used by the construction vehicles. The servitude will also be fenced-off to assist with movement control.
<b>D. ECONOMIC ISSUES</b>				
1	This project will have a negative financial influence on my property.	Mr Jurné Buys, Bussenianskwal 8	Written response to the BID in July 2009	Noted. . . During the negotiations process Eskom will discuss specific compensations with directly affected stakeholders. Eskom will ensure that no stakeholder is detrimentally affected without compensation.

2	The influx of people and equipment will have a negative influence on the neighbouring farms.	Mr Jorne Buys, Bossemanskraal 8	Written response to the BID in July 2009	<b>Please refer to the Social Impact Assessment – Appendix K and Section 7.2.2. 9.1.12. and 9.2.12.</b>
3	There will be a socio economic impact on the community due to the dividing of farms by the railway line.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59	Written comment on 9 June 2009 in response to the BID	During the negotiations process Eskom will discuss specific compensations with directly affected stakeholders. Eskom will ensure that no stakeholder is detrimentally affected without compensation.
4	I am worried about my shed/barn that is next to the railway line. Please see that the proposed railway line does not affect my shed/barn.	Mr Hans Coertze, Orwerwacht 30.	One-on-one visit 30 July 2009  Public meeting to present the DEIR on 26 November 2009	During the negotiations process Eskom will discuss specific compensations with directly affected stakeholders. Eskom will ensure that no stakeholder is detrimentally affected without compensation. Specific requirements can also be discussed so that amicable agreements are reached.
5	The proposed railway line will impact on the cattle and game grazing patterns, decrease the carrying capacity of my farm and reduce the profitability and land value of my farm of 200 ha.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59	Written comment on 3 August 2009 in response to the DSR	During the negotiations process Eskom will discuss specific compensations with directly affected stakeholders. Eskom will ensure that no stakeholder is detrimentally affected without compensation. Specific requirements can also be discussed so that amicable agreements are reached.
6	If the construction of the railway line is not managed correctly the cattle can be exposed to poisonous plants. Alien vegetation will also grow in the disturbed areas in the long term, if not nurtured.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59	Written comment on 3 August 2009 in response to the DSR	The EMP specifies that alien invasive plants need to be managed and removed. <b>Please refer to Appendix K</b>
7	The railway line will cut my farm in half and marginalise the western portion of my farm.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59	Written comment on 3 August 2009 in response to the DSR  Public meeting to present the DEIR on 26 November 2009.	Eskom gave stakeholders the assurance that they will not be cut off from any section of their farms if the railway line runs through their property.
8	The railway line will impact on the part of my farm with the highest value due to the winter grazing grass (Digitaria eriantha-Smutsvinger) growing there.	Dr Paul Meulenbeld, Landowner, Orwerwacht 532 JR, Portions 58 and 59	Written comment on 3 August 2009 in response to the DSR	During the negotiations process Eskom will discuss specific compensations with directly affected stakeholders. Eskom will ensure that no stakeholder is detrimentally affected without compensation. Specific requirements can also

				be discussed so that amicable agreements are reached.
9	Will Eskom not be flooding the market with gypsum resulting in many gypsum mines having to close down?	Dr Paul Meulenbeld, Landowner, Onwerwacht 532 JR, Portions 58 and 59	Public meeting to present the DSR on 6 August 2009	Eskom has undertaken a study to determine the market for gypsum, and the study has revealed that such a market exists. The availability of gypsum will curtail the current industry rather than negatively impact on it.
10	When will Eskom start negotiating with the affected landowners?	Dr Danie Visser, Topigs	Public meeting to present the DSR on 6 August 2009	The EIA must first be finalised, because the preferred alternative is needed to see which landowners will be affected. In order to speed up this process, Eskom may start negotiating with landowners and take out options on a railway servitude before the EIA has been finalised.
11	Eskom must come up with a return of compensation to counter the devaluation of property, because a railway line will decrease the value of a farm.	Dr Paul Meulenbeld, Landowner, Onwerwacht 532 JR, Portions 58 and 59	Public meeting to present the DSR on 6 August 2009	It was indicated that this should be mentioned to the independent evaluator when he/she visits to evaluate the properties.
12	I do not want to have my property cut up into small unusable portions that cannot be used for farming. I would like the railway line to run on the borders of the farms. I prefer Alternative 3, because it will have the smallest impact on my property.	Mr. Marie Verster, Landowner, Onwerwacht	Public meeting to present the DSR on 6 August 2009	Noted. The EIA process will determine the corridor to be recommended for approval.
13	All three alternatives run through the middle of my farm of 300 hectares and this will make the farm uneconomical to farm. Eskom should rather buy the whole farm, because it will not be worth my while to farm on a property that is split in two.	Mr. Johan Kotzé, Landowner, Kofffontein Portion Farm 2/ Farm Bosserskraal Portion 1	Public meeting to present the DSR on 6 August 2009	Eskom will only buy a whole farm as the very last option if it shows that a small property will no longer be economically viable after the impact of an Eskom project. Options such as moving the route of the railway line to the side of a farm will first be investigated.
14	I was planning on building a series of small dams on my property for trout fishing as well as chalets. I do not want to spend any more money on the farm, because anglers would not like to catch trout next to a railway line.	Mr. Johan Kotzé, Landowner, Kofffontein Portion Farm 2/ Farm Bosserskraal Portion 1	Public meeting to present the DSR on 6 August 2009	Noted.
15	What will the form of compensation be that Eskom offers for a servitude on a farm.	Mr. Johan Kotzé, Landowner, Kofffontein Portion Farm 2/ Farm Bosserskraal Portion 1	Public meeting to present the DSR on 6 August 2009	Eskom negotiates an option to buy a servitude on the strip of land needed for the railway line. Only options are currently taken out, because the corridor has not been finalised. This payment will be determined by the current property prices in the district. An ex gratia

				payment to compensate for valid financial losses and infrastructure changes will also be made to the landowner. Eskom will pay a landowner for all disturbances caused by its projects.
16	When will Eskom commence with negotiations.	Mr Johan Kotzé, Landowner, Kortfontein Portion Farm 2/ Farm Bossemankraal Portion 1	Public meeting to present the DSR on 6 August 2009	Eskom can only start with servitude negotiations once the EIA has been finalised, because the exact corridor is needed to see what landowners will be directly affected.
17	What will happen if a landowner does not want to sell to Eskom? Will Eskom expropriate a property?	Mr Johan Kotzé, Landowner, Kortfontein Portion Farm 2/ Farm Bossemankraal Portion 1	Public meeting to present the DSR on 6 August 2009	Eskom will always negotiate to the very last end and that expropriation is not an option that Eskom likes to use.
18	Should corridor alternative 1 or 3 be recommended for the railway line, it would result in the loss of about 70 hectares of the Topigs farm that will be cut off from the rest of their farm land.	Representative of Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	Eskom would ensure that farmers still have access to the rest of their land. Eskom will engage with the affected farmers to address these concerns.
19	Topigs said they would like to negotiate with Eskom on investigating the possibility that Eskom buys the portion that may be cut off so that the railway servitude may become a border of their land.	Representative of Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	Noted. Eskom will engage with Topigs through the properties land purchasing processes.
<b>E. OTHER</b>				
1	The railway line over the bridge at the Witje River is in a bad state and some of the sleepers are not bolted to the railway line.	Mr Johan Coetzee, Onwenwacht 30.	One-on-one visit 30 July 2009	Noted. Have passed this observation on to Transnet.
2	Models can be done, but one can only see what the air quality will be once the power station has been operational for two or three years.	Dr Danie Visser, Topigs	Public meeting to present the DSR on 6 August 2009	Air quality monitoring has taken place, as research, for over twenty years. A monitoring station has been operating at Phola for over a year.
3	Will the farms in the neighbourhood be bought out for the coal deposits underneath?	Mr Peter Glinzter, Landowner, Farm Onwenwacht Portion 4	Public meeting to present the DSR on 6 August 2009	Eskom will not buy farms for the purposes of mining, as coal will be supplied from a new mine to be established.
4	Topigs stated that they were not consulted in the EIA for the Kujale Power Station and had therefore not been provided the opportunity to comment on the access road. The access road to the power station was part of the Environmental Authorisation granted for the construction of the power station. Clarity is	Representative of Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	The ECA EIA Regulations required for the interested and affected parties as well as neighbours to be notified of the project and allowed to participate, but did not stipulate the distance from the proposed development.



	required on the proposed status of the R545.			<p>In this regard, the project team undertook the following activities:</p> <p>All directly affected landowners on Site X and Site Y were contacted directly, and their details obtained. Also, a conveyancer was used due to the difficulty to obtain relevant information.</p> <p>Public notices were placed in a range of newspapers (April/May 2006) to notify the broader public (including local, regional and national), including neighbours of the sites. The advertising was very broad, and covered a range of locations, to enable all interested and affected parties, including neighbours to be notified. Once the DSR was released, notices were placed in a range of publications (in September 2006), notifying the public of the availability of the report and the public meetings.</p> <p>Open houses and public meetings were held in a range of locations (Witbank, Phola and Kendaal), and were accessible to anyone who wished to attend.</p> <p>Once the draft EIA Report was released for public comment, notices were placed in numerous publications again (in November 2006). Open houses and public meetings were once again held in Witbank, Phola and Kendaal, to present the findings of the EIA report, and were accessible to the broad public. A comprehensive public notification process was undertaken for the Kendaal North/Kusile EIA project.</p> <p>Noted. The list of lessees and their location was provided.</p>
5	Topigs provided that they would like to know who has leased Eskom's land, as they would like to ensure that they are no pigs grown within a 5km radius from their operation.	Representative of Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	
b	Can Eskom provide details on the final fencing arrangement of the power station? Will the station and its infrastructure be fenced off and will Eskom's land be fenced off.	Dr Pieter Vervoort, Topigs	Meeting with Topigs on 19 August 2009 in Pretoria.	The power station and its infrastructure within the footprint of the station will be fenced off. Eskom's extra land will be leased out and the lessees will be responsible for the fencing of

7	Can you send me the map for the Kusile Railway Project so that we can plot it on our New Largo mining plan to get a clearer picture on the railway's impact on our mining right area.	Sdrey Sekhukhune, Anglo Coal	Email on 16 November 2009	their land. A map was sent on Monday, 23 November 2009
<b>F. KUSILE POWER STATION ISSUES</b>				
1	Has a survey been conducted on ground water resources for the Kusile Power Station?	Dr Danie Visser, Topigs	Written response to the BID on 9 June 2009	Groundwater and surface water specialist studies were undertaken for the Kusile power station EIA. Continuous surface and ground water monitoring is currently being undertaken in the area on a monthly basis. A further study was undertaken on the ground water during the Impact Assessment Phase of this project. <b>Please refer to Appendix L</b>
2	Eskom should study the expansion plans of the New Langurine.	Dr Paul Maulenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DSR on 6 August 2009	Eskom is aware of the New Largo plans and that the R545 road will be changed, due to the coal reserves beneath the current road. New Largo's plans will, however, not have an influence on the proposed railway line, because it all takes place south of the power station, while the proposed railway line runs northwest of the power station.
3	What specific water studies are being done to monitor the rivers around the power station?	Dr Paul Maulenbeld, Landowner, Orwerwacht 532 JR	Public meeting to present the DSR on 6 August 2009	Monthly surface and groundwater monitoring is being undertaken around the power station. Additionally a bi-annual aquatic monitoring study is being undertaken for the power station from Kendal in the south to the west of Klipfontein. Additional monitoring points near the power station are being investigated. Reports of the water quality monitoring are available at site on request. Also, water quality performance reporting is done at the EMC meetings.
4	How comprehensive will the monitoring of water resources be, because it could take months for potential water pollution to reach the four Topigs boreholes from the Kusile Power Station.	Dr Danie Visser, Topigs	Public meeting to present the DSR on 6 August 2009	Six water pollution monitoring stations are being used inside the grounds of the power station and outside. Monitoring is being done in a 2.5 km radius by independent consultants.
5	Topigs is very concerned about water pollution from	Dr Pieter Vervoort, Topigs	Meeting with	Eskom is monitoring water resources around

	<p>the power station– both to the rivers and the groundwater and have drilled boreholes on its property to monitor the water. Can Eskom make a financial contribution to this borehole monitoring programme? A decline in water quality will have an impact on its business.</p>		<p>Topigs on 19 August 2009 in Pretoria.</p>	<p>Kusile Power Station to determine what impact the construction has on the resource, and manage any risks to prevent water pollution.</p>
6	<p>The water in the Klipfontein spruit has increased recently. Does Eskom discharge into the spruit?</p>	<p>Dr Pieter Verwoort, Topigs</p>	<p>Meeting with Topigs on 19 August 2009 in Pretoria.</p>	<p>Eskom does not discharge anything into the river, but surface water from their construction operations may have a slight impact. However Eskom is now improving the stormwater management. Eskom also suggested that Topigs contact the Department of Water Affairs for an investigation on other water users who could be discharging into the river.</p>
7	<p>The Wilge River has a high level of coffee-coloured sediment. Too much sediment will negatively influence the oxygen content of a river, which will kill the fish. I suspect the sediment comes from the construction site of the Kusile power station, because of the hectares of uncovered soil. I think a South African Scoring System Version 5 (SASS5) study and an erosion report at Kusile Power Station must urgently be undertaken.</p> <p>The Klipfontein Spruit also has the same problem regarding sediment. There is no longer any yellow fish in a dam of Topigs situated on this Spruit.</p> <p>The impact on the environment is increasing and the last woodpecker in the Loskum Dam also died recently.</p>	<p>Dr Paul Meulenbeld, Landowner, Orwenwacht 532 JR.</p> <p>Dr Danie Visser, Topigs</p>	<p>Email on 17 November 2009</p>	<p>Eskom is looking into the issue and storm water control measures are being taken very seriously as a matter of priority.</p>
8	<p>All the people living around the power station are invited to contact Eskom with any problem regarding the new power station and associated infrastructure. I would also like to thank all the people attending the meeting for taking part in the process. Anybody with an Eskom-related problem can also contact the Kusile Environmental Management Committee (EMC) to inform Eskom of the problem.</p>	<p>Mr Abram Masango, Eskom (Executive Project Manager for Kusile)</p>	<p>Public meeting to present the DSR on 6 August 2009</p>	<p>Noted.</p>
9	<p>The EMC meets every second month and all interested and affected parties as well as local authorities are welcome to attend. All problems</p>	<p>Mr Jonathan Szoke, Environmental Control Officer for Kusile power station</p>	<p>Public meeting to present the DSR on 6 August 2009</p>	<p>Noted.</p>

	relating to the power station may be discussed. Attendants to the EMC will also be taken for a site visit to see how the construction of the power station is progressing. The meetings normally last about two hours and people are informed of a meeting about six weeks in advance.			
10	Why was it decided to build Kusile and not expand Kendal Power Station? The community was not informed about Kusile and we were never part of that public participation process.	Mr Peter Grintzer, Landowner, Farm Onwenwacht Portion 4	Public meeting to present the DSR on 6 August 2009	Kendal power station could not be extended due to technical challenges including space limitations, operational challenges, to name a few. The scoping and EIA reports provide a list of media publications at which adverts for the project and invites to I&APs were published. Furthermore, all registered I&APs were requested to invite other community members. Detailed information on the public participation process can be viewed on: <a href="http://www.eskorr.co.za/eta/Kusile/power_station_(on_public_participation_chapters)">www.eskorr.co.za/eta/Kusile/power_station_(on_public_participation_chapters)</a>
11	Were any air quality studies done during the EIA for Kusile Power Station?	Dr Paul Meulenbeld, Landowner, Onwenwacht 532 JR, Portions 58 and 59	Public meeting to present the DSR on 6 August 2009	Airshed Planning Professionals have done various air quality models for the power station. The air quality reports, and all other specialist reports and submission reports, can be viewed on: <a href="http://www.eskorr.co.za/eta/Kusile/power_station">www.eskorr.co.za/eta/Kusile/power_station</a>
12	How many people will be employed by the Kusile power station and what will Eskom do to prevent an informal settlement from developing at the power station.	Mr Johan Kotzé, Landowner, Korffontein Portion Farm 2/ Farm Bossersanskraal Portion 1	Public meeting to present the DSR on 6 August 2009	Approximately 300 people will be working at the power station once it is operational. The informal settlements can be managed with co-operation from all interested and affected parties.
13	What is Eskom doing to lessen the impact of construction of the Kusile Power Station on the streams and rivers in the area?	Dr Paul Meulenbeld, Landowner, Onwenwacht 532 JR	Public meeting to present the DEIR on 26 November 2009	Options and other preventative measures are being implemented to prevent run-off water from entering the streams and rivers around the power station. Additional mitigation measures are provided for in the EMP.

Comments on the Kusile Railway Project DWEA REF NO: 12/12/20/1488- DRAFT  
SCOPING REPORT  
Project: 12202 Zitholele Consulting

To be considered in the Final Scoping Report and EIA (Table 9), at this point in time:

1. The specialist studies to be undertaken are too short in time span to assess the biodiversity of the area (September/October 2009). As it is the end of winter/onset of spring, such a study has to continue until mid-summer. Many grassland species are only visible during the winter (flowering) months and might not be visible, also those that only appear around summer.
2. Important impacts on (Onverwacht 502JR, Portions 9 + 58):
  - a. Cattle and game grazing patterns will be impacted.
  - b. Decrease in the carrying capacity and profitability of the farm.
  - c. Exposure of cattle to poisonous plants, if not managed correctly.
  - d. Decrease in the land value of the farm in total (200ha).
  - e. Create a servitude: access route for theft incidents.
  - f. Nature of the fence next to the railway? Fence cutting happens frequently.
  - g. Biodiversity of the ridge is rich.
  - h. The crossing of the railway line next to the dirt road entrance to this farm needs to be addressed: safe and practical?
  - i. Fragmenting the farm.
  - j. Long-term alien vegetation control in and around disturbed areas.
  - k. High value land (Winter grazing) to be impacted (*Digitaria eriantha*-*Smutsvinger*), and
  - l. Marginalize western portion of the farm.
3. The geology includes Wilgerivier sandstone (Waterberg Group) and defines a richer biodiversity than south of this outcrop.
4. Impact of power lines on birds (the dam on the farm has an island that serves as a breeding facility). Typical visitors are Kolgans, Swartsterretjies, Lepelaar, Wilde Makou, Reier soorte, Kiewiete, Slanghalsvoël, Wilbarsduiker, Gewone Duiker, Bleshoender, Dobbertjie, Eende, etc.
5. Figure 21: Unimproved grassland not true. The area has been cleared from invader species (bluogum, bankrotbos) and seeded with Smutsvinger grass (increase carrying capacity)
6. Figures 22 & 23: Biodiversity of Wilgerivier sandstone communities is diverse and high in numbers: Rand Highveld Grassland and is in an ENDANGERED status (p.400 Munica & Rutherford). Routing of the railway in this section might need to be reconsidered. These maps do not reflect this clearly.
7. Impacts of any blasting work (especially in sandstone/ridge areas)



Dr Paul Meulenbald Pr Sci Nat (Environmental Science), August 2009

**Elizma Engelbrecht**

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**From:** Jennifer Kitto [[JKITTO@sat.sahra.org.za](mailto:JKITTO@sat.sahra.org.za)]  
**Sent:** 11 August 2009 03:52 PM  
**To:** Mngokoyi, Patiswa  
**Subject:** Re: EIA: Kusile Railway Project - DSR available

Dear Patiswa

I request a copy of the HIA for this project as SAHRA is aware that there is a high possibility of graves or burial grounds being present in the location of the proposed railway line. Several cemeteries were identified previously on the location of the Kusile power station.

However, please note that the SAHRA Burial Grounds and Graves (BGG) Unit will only comment on any burial grounds or graves that may be affected by the railway line.

The relevant provincial SAHRA office/s and the Archaeology, Meteorites and Palaeontology (APM) Unit will also need to comment on the HIA (the contact details of the provincial offices and the APM Unit can be found on the SAHRA website: [www.sahra.org.za](http://www.sahra.org.za)).

Regards

Jennifer Kitto  
Cultural Heritage Officer  
Burial Grounds and Graves Unit  
Tel: (011) 403-2460  
Fax: (011) 339-3347  
Cell: 076-560-4114  
e-mail: [jkitto@sat.sahra.org.za](mailto:jkitto@sat.sahra.org.za)

Street Address:  
11th Floor, Braamfontein Centre  
23 Jorriksen St, BRAAMFONTEIN, 2001  
Postal Address:  
PO Box 32272, Braamfontein, 2017

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This message may contain information which is confidential, private or privileged in nature. If you are not the intended recipient, you may not peruse, use, disseminate, distribute or copy this message or file which is attached to this message. If you have received this message in error, please notify the sender immediately by e-mail, facsimile or telephone and thereafter return and/or destroy the original message. Any views of this communication are those of the sender except where the sender specifically states them to be those of South African Heritage Resources Agency (SAHRA). Please note that the recipient must scan this email and any attached files for viruses and the like. SAHRA accepts no liability of whatever nature for any loss, liability, damage or expense resulting directly or indirectly from the access and/or downloading of any files which are attached to this e-mail message.  
~~~~~

>>> "Mngokoyi, Patiswa" <[Patiswa@zitholele.co.za](mailto:Patiswa@zitholele.co.za)> 2009/07/28 02:52 PM  
>>>

Dear stakeholders The Draft Scoping Report (DSR) for the Environmental Impact Assessment for the Kusile Railway Project for the proposed construction of a railway line (and associated infrastructure) from the existing Pretoria-Witbank railway (parallel to the N4) to the Kusile Power Station is available for public comment. We have emailed and sent through the postal service a letter to you to announce the availability

of the DSR. In the same letter you have been invited to attend an open house and public meeting which will be held on Thursday, 6 August 2009 as from 16:00. The open house component will be from 16:00 to 18:00. The public meeting will commence at 18:00. The DSR is available for public review for a period of four weeks (from Monday, 27 July to Thursday, 27 August 2009). Thereafter, the report will be updated and submitted to the lead authority for the EIA, the National Department of Water and Environmental Affairs (DWEA) that will consider the scope to be covered by the Specialist Studies, after which the studies may proceed. The key commenting authorities, the Gauteng Department of Agriculture and Rural Development and the Mpumalanga Department of Economic Development, Environment and Tourism, will also be afforded the opportunity to provide comments on the DSR. Please find attached the DSR for your review. We have not enclosed the appendices due to the size of the attachments. Should you wish to receive any specific appendix, please contact us. In addition, the DSR and its appendices is available at the public places listed below. The DSR and its appendices is also be available on the Eskom website ([www.eskom.co.za/eia/Kusile\\_rail](http://www.eskom.co.za/eia/Kusile_rail)). List of Public Places

Address	City	Contact	Tel	Location	Ms
Lindi Van Papendorp		Witbank		Public Library	Cnr
Elizabeth and Hofmeyer Streets				Witbank	Tel: (013)
690 6229	Ms	Brenda Smith		Kungwini	Public
Library	Cnr	Mark and Botha Streets			
Bronkhorst-spruit		Tel: (013) 932 6305			

You are requested to comment on the DSR in any of the following ways:  
 completing the comment sheet enclosed with the reports; · By

- By writing a letter, or producing additional written submissions; ·
- By email or telephone to the public participation office; or ·
- By attending the public meeting (see below for details).

**INVITATION TO A OPEN HOUSE AND PUBLIC MEETING ON 6 AUGUST 2009**  
 The purpose of the open house and public meeting will be to present the findings of the scoping process, and to allow discussions around those findings and recommendations of the process into the EIA phase. The contents of the DSR will be presented during the meeting. It is important that you register for the public meeting in advance - please use the enclosed form and return it by Friday, 31 July 2009. This will allow us to send you an electronic copy of the DSR in advance. The details of the public meeting are: Date:

Thursday, 6 August 2009 Venue:

Kai a Manzi Lodge, Bronkhorstspruit Dam, Bronkhorstspruit (directions to the venue is attached) Time of Open House:

16:00 - 18:00 Time of Public Meeting:

Registration: 17:30

Meeting: 18:00 - 20:00 Thank you to all who have responded to

the invitation to attend the public meeting. If you have not yet responded, please do so as soon as possible. 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)



health

Department:  
Health  
REPUBLIC OF SOUTH AFRICA

Enquiries: Mr ZP Chagi  
Tel: 012 312 3154  
Fax: 012 312 3181  
Ref nr: F4/6/8

Private Bag X526, PRETORIA, 0001, 10TH Floor, House of Trade and Industry (HTI) Building, Cnr Prinsloo and Pretorius Street, PRETORIA, 0001 • Fedlife Building, Cnr Prinsloo and Pretorius Street, PRETORIA, 0001  
• Hisimark Building, 226 Vermeulen Street, PRETORIA  
Tel (012) 312 0816 Fax (012) 323 0093

Jacqui Hex  
Zitholele Consulting  
PO Box 6002  
Halfway House  
1685

Tel: 011 254 4982  
Fax: 011 805 2100  
E-Mail: Jacqui@zitholele.co.za

Dear Sir

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND WATER USE LICENCE APPLICATION FOR THE PROPOSED CONSTRUCTION OF A RAILWAY LINE AND ASSOCIATED INFRASTRUCTURE TO CONNECT KUSILE POWER STATION TO THE NATIONAL RAILWAY GRID, WEST OF WITBANK ALONG THE N4**

The Department of Health would recommend that the following issues be strictly considered:

1. Air quality management. All emissions should be in compliance with the National Environmental Air Quality Management Act.
2. Emergency preparedness plan. In case of oil and fuel spillages there should be an emergency preparedness plan to prevent environmental pollution.
3. Proper management of waste. If waste is not managed properly it could lead to ground water and air pollution, which might be detrimental to the health of the public.
4. Ensure compliance with Occupational Health and Safety Act and Regulations.
5. Disaster preparedness plan. In case of disasters, a detailed plan should be in place.
6. Involvement of the Provincial Department of Health is required in all Environmental Impact Assessment processes in order for the health aspects to be considered. Ms C Swart is the person to contact and her contact details are as follows: 013 766 3448 (w), 082 820 7950 (cell) and email is [careens@social.mpu.gov.za](mailto:careens@social.mpu.gov.za).

Kind regards.

**MS APR CELE**  
**DIRECTOR: ENVIRONMENTAL HEALTH**  
DATE: 2009.07.10



**ENVIRONMENTAL IMPACT ASSESSMENT**

DWEA Ref No 12/12/20/1488

**Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station**

**Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009**

**Zitholele Consulting  
EIA Public Participation Office  
Gauteng:**

Anelle Odendaal / Patiswa Mngokoyi  
PO Box 6002, Halfway House, 1685  
Tel (011) 254-4855/4900  
Fax (011) 805 2100  
Email aodendaal@zitholele.co.za or  
PatiswaM@zitholele.co.za

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

<b>TITLE</b>	Acting Senior Manager Development Planning & Environmental Management	<b>FIRST NAME</b>	Shirley
<b>INITIALS</b>	RS	<b>SURNAME</b>	Lebelo
<b>ORGANISATION</b>	Metsweding District Municipality	<b>EMAIL</b>	r.lebelo@metsweding.com
<b>POSTAL ADDRESS</b>	Private Bag X 10579 Bronkhorstspuit	<b>POSTAL CODE</b>	1020
<b>TEL NO</b>	013 933 8500/33	<b>FAX NO</b>	086 5304059/013 6333 120

**REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING**  
(Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)		
Per email	<input type="checkbox"/>	<input type="checkbox"/>
CD by mail	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block)		
If you have indicated "yes" you will receive a copy of the agenda and directions to the venue before the meeting		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 18:00 at the Kala Manzi Lodge, Bronkhorstspuit Dam, Bronkhorstspuit	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Any comments you may have at this stage:

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.....

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

.....

.....

## ENVIRONMENTAL IMPACT ASSESSMENT

DWEA Ref No 12/12/20/1488

**Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station**

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EIA Public Participation Office  
Gauteng:**

Anelle Odendaal / Patiswa Mngokoyi  
PO Box 6002, Halfway House, 1685

**Tel (011) 254-4855/4900**

**Fax (011) 805 2100**

Email [aodendaal@zitholele.co.za](mailto:aodendaal@zitholele.co.za) or  
[PatiswaM@zitholele.co.za](mailto:PatiswaM@zitholele.co.za)

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

<b>TITLE</b>	MS	<b>FIRST NAME</b>	Marlette
<b>INITIALS</b>	M	<b>SURNAME</b>	Liefferink
<b>ORGANISATION</b>	Federation for a Sustainable Environment	<b>EMAIL</b>	<a href="mailto:marlette@iburst.co.za">marlette@iburst.co.za</a> <a href="mailto:marlette@pea.org.za">marlette@pea.org.za</a>
<b>POSTAL ADDRESS</b>	Postnet Suite 87 Private Bag X033 RIVONIA 2128		
		<b>POSTAL CODE</b>	2128
<b>TEL NO</b>	073 231 4893	<b>FAX NO</b>	

### REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING (Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)		
Per email	<input checked="" type="checkbox"/>	<input type="checkbox"/> NO
CD by mail	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block)		
If you have indicated 'yes', you will receive a copy of the agenda and directions to the venue before the meeting		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 18:00 at the Kaia Manzi Lodge, Bronkhorstspruit Dam, Bronkhorstspruit	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> X

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

Any comments you may have at this stage:

.....

.....

.....

.....

Please ask the following of my colleagues/friends to register as IBAPs for this EIA:

.....

## ENVIRONMENTAL IMPACT ASSESSMENT

DWEA Ref No 12/12/20/1488

**Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station**

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EIA Public Participation Office  
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Anelle Odendaal / Patiswa Mngokoyi  
PO Box 6002, Halfway House, 1685

Tel (011) 254-4855/4900

Fax (011) 805 2100

Email aodendaal@zitholele.co.za or  
PatiswaM@zitholele.co.za

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

TITLE	Mr.	FIRST NAME	Johan
INITIALS	J.H.C.	SURNAME	Kok
ORGANISATION	Pangaee-Kv3 JV	EMAIL	jkok@kv3.co.za
POSTAL ADDRESS	17 Merinostreet, Nederlandpark		
	Ermeda	POSTAL CODE	2350
TEL NO	017-8191654	FAX NO	

### REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING (Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)		
Per email	YES	NO
CD by mail	YES	NO
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block)		
If you have indicated "yes", you will receive a copy of the agenda and directions to the venue before the meeting		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 16:00 at the Kaia Manzi Lodge, Bronkhorstspuit Dam, Bronkhorstspuit	YES <input checked="" type="checkbox"/>	NO

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

Any comments you may have at this stage:

.....

.....

.....

.....

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

.....

.....

**This assessment is being conducted on behalf of Eskom**

<p align="center"><b>ENVIRONMENTAL IMPACT ASSESSMENT</b> DWEA Ref No 12/12/20/1488</p> <p><b>Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station</b></p> <p align="center"><b>Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009</b></p>	<p align="center">Zitholele Consulting - EIA Public Participation Office Gauteng:</p> <p>Anelie Oodendaal / Patswa Mhokoyi PO Box 8002, Halfway House, 1685 Tel (011) 264-4855/4900 Fax (011) 805 2100 Email: aodendaal@zitholele.co.za or PatswaM@zitholele.co.za</p>
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Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

TITLE	Mr.	FIRST NAME	Leslie (L.S.)
INITIALS	L.D.	SURNAME	ADLAM.
ORGANISATION	Ten Partners	EMAIL	
POSTAL ADDRESS	P.O. Box 2365 Farm - Bronkhorst	POSTAL CODE	1020
TEL NO	0834177464	FAX NO	0139535749

**REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING**  
(Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block).		
Per email	YES	NO <input checked="" type="checkbox"/>
CD by mail	YES	NO <input checked="" type="checkbox"/>
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block). Note: News articles will be sent to you via email before the meeting.		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 18:00 at the Kale Manzil Lodge, Bronkhorstpruit Dam, Bronkhorstpruit	YES <input checked="" type="checkbox"/>	NO

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

Any comments you may have at this stage:

FARM ONVERWACHT 532 J.R. (Gedeelte)

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

**This assessment is being conducted on behalf of Eskom**

FROM : GA

PHONE-NO. : 0112544800

Jul. 28 2009 04:27PM P4

<b>ENVIRONMENTAL IMPACT ASSESSMENT</b> DWEA Ref No 12/12/20/1489  <b>Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria - Witbank railway (parallel to the N4) to the Kusile Power Station</b>  <b>Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009</b>	Zitholele Consulting EIA Public Participation Office Gauteng:  Anelle Odendaal / Patiswa Mngokoyi PO Box 6002, Halfway House, 1685 Tel (011) 254-4855/4800 Fax (011) 805 2100 Email <a href="mailto:odendaal@zitholele.co.za">odendaal@zitholele.co.za</a> or <a href="mailto:PatiswaM@zitholele.co.za">PatiswaM@zitholele.co.za</a>
--	--

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

TITLE	MR.	FIRST NAME	BRUCE
INITIALS	B.	SURNAME	WAT.
ORGANISATION		EMAIL	KENDAL@FAIRACRES.CO.ZA
POSTAL ADDRESS	PO Box 573		
	0915		
TEL NO.	076 0704743	POSTAL CODE	2230
		FAX NO	0136499009

**REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING**  
(Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>	
I would like to receive a copy of the Draft Scoping Report (circle the appropriate box)	
Per email	<input checked="" type="radio"/> YES <input type="radio"/> NO
CD by mail	<input type="radio"/> YES <input checked="" type="radio"/> NO
<b>PUBLIC MEETING</b>	
I would like to attend the public meeting (circle the appropriate box)	
If you have indicated "yes" you will receive a copy of the Draft Scoping Report and you will be responsible for the venue before the meeting	
I will attend the open house and public meeting on Thursday, 6 August 2009 from 16:00 at the Kaia Merzi Lodge, Bronkhorstspruit Dam, Bronkhorstspruit	<input checked="" type="radio"/> YES <input type="radio"/> NO

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

Any comments you may have at this stage:

.....  
 .....  
 .....

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

.....  
 .....

<b>ENVIRONMENTAL IMPACT ASSESSMENT</b> DWEA Ref No 12/12/20/1428	Zitholele Consulting EIA Public Participation Office Gauteng: Anelle Odendaal / Patsiwa Mngokoyi PO Box 5002, Halfway House, 1685 Tel: (011) 264-4855/4800 Fax (011) 805 2100 Email: aodendaal@zitholele.co.za or PatsiwaM@zitholele.co.za
<b>Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria - Witbank railway (parallel to the N4) to the Kusile Power Station</b>	
<b>Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009</b>	

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
 We thank you for your participation.....

TITLE	MR.	FIRST NAME	Chris
INITIALS	C.J	SURNAME	Kruger
ORGANISATION	Asun.	EMAIL	chriskruger954@gmail.com
POSTAL ADDRESS	P.O. Box 4 Barnolal.	POSTAL CODE	1037
TEL NO	013 932 1187	FAX NO	013 932 4854

**REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING**  
 (Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)		
Per email	<input checked="" type="radio"/> YES	<input type="radio"/> NO
CD by mail	<input type="radio"/> YES	<input type="radio"/> NO
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block)		
If you have indicated "yes", you will receive a copy of the agenda and directions to the venue before the meeting		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 15:00 at the Kwa-Manzi Lodge, Orankhorstseput Dam, Bronkhorstseput	<input checked="" type="radio"/> YES	<input type="radio"/> NO

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

Any comments you may have at this stage:

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.....

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

.....

.....

**This assessment is being conducted on behalf of Eskom**

<b>ENVIRONMENTAL IMPACT ASSESSMENT</b> DWEA Ref No 12/12/20/4488	Zitholele Consulting EIA Public Participation Office Gauteng
<b>Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station</b>	Anelle Odendaal / Patiswa Mngokoyi PO Box 6000, Midway House, 1685 Tel (011) 254 4866/4900 Fax (011) 805 2100 Email: aodendaal@zitholele.co.za or PatiswaM@zitholele.co.za
<b>Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009</b>	

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above)  
 We thank you for your participation

TITLE	MR	FIRST NAME	Lucas
INITIALS	L.D	SURNAME	Sikhosana
ORGANISATION	Marabeestfontein	EMAIL	lucas@webmail.org.za
POSTAL ADDRESS	P.O. Box 29 Bronkhorstspruit	POSTAL CODE	10 20
TEL NO	013 932 4487	FAX NO	013 932 4854

**REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING**  
 (Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)		
Per email	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
CD by mail	YES <input type="checkbox"/>	NO <input type="checkbox"/>
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block)		
If you have indicated "yes", you will receive a copy of the agenda and directions to the venue before the meeting		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 18:00 at the Kwa-Manzi Lodge, Bronkhorstspruit Dam, Bronkhorstspruit	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

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

Any comments you may have at this stage:

.....  
 .....  
 .....

Please ask the following of my colleagues/friends to register as iBAPs for this EIA:

.....  
 .....

**This assessment is being conducted on behalf of Eskom**

**ENVIRONMENTAL IMPACT ASSESSMENT**  
DWEA Ref No 12/12/20/1488

**Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station**

**Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009**

**Zitholele Consulting**  
EIA Public Participation Office  
Gauteng:

Anelle Odendaal / Patiswa Mngokoyi  
PO Box 6002, Halfway House, 1685  
Tel (011) 254-4855/4900  
Fax (011) 805 2100  
Email aodendaal@zitholele.co.za or PatiswaM@zitholele.co.za

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

TITLE	Dr	FIRST NAME	Danie
INITIALS	D.P.	SURNAME	Visser
ORGANISATION	TOPIGS SA	EMAIL	danie@topigsa.co.za
POSTAL ADDRESS	P.O. Box 35 492 Menlopark	POSTAL CODE	0102
TEL NO	012 - 3483678	FAX NO	012 - 3488474

**REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING**  
(Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)		
Per email	<input type="checkbox"/>	<input type="checkbox"/>
CD by mail	<input type="checkbox"/>	<input type="checkbox"/>
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block)		
If you have indicated "yes", you will receive a copy of the agenda and directions to the venue before the meeting		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 16:00 at the Kaia Manzi Lodge, Bronkhorstspuit Dam, Bronkhorstspuit	<input type="checkbox"/>	<input type="checkbox"/>

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

Any comments you may have at this stage:

*We will comment after having received the draft scoping report*

.....

.....

.....

.....

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

...Mr Christof Pretorius Call: 0846240313

.....

...Dr Pieter Vervoort Cell: 0824142558



**ENVIRONMENTAL IMPACT ASSESSMENT**

DWEA Ref No 12/12/20/1488

**Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station**

**Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009**

**Zitholele Consulting  
EIA Public Participation Office  
Gauteng:**

Anelle Odendaal / Patiswa Mngokoyi

PO Box 6002, Halfway House, 1685

Tel (011) 254-4855/4900

Fax (011) 805 2100

Email aodendaal@zitholele.co.za or

PatiswaM@zitholele.co.za

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

TITLE	Mr	FIRST NAME	PHILIX
INITIALS	P	SURNAME	MNISI
ORGANISATION	TRANSNET FREIGHT RAIL	EMAIL	Philix.mnisi@transnet.net
POSTAL ADDRESS		POSTAL CODE	
TEL NO	013 6557846	FAX NO	013 655 7849

**REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING**  
(Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block):		
Per email	<input type="checkbox"/>	<input type="checkbox"/>
CD by mail	<input type="checkbox"/>	<input type="checkbox"/>
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block):		
If you have indicated "yes", you will receive a copy of the agenda and directions to the venue before the meeting.		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 16:00 at the Kaia Manzi Lodge, Bronkhorstspuit Dam, Bronkhorstspuit	<input type="checkbox"/>	<input type="checkbox"/>

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

Any comments you may have at this stage:

... My concern is with the scheduled times for the public meetings of the 06 August 2009 in an unsafe country like RSA.....

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

**This assessment is being conducted on behalf of Eskom**

## ENVIRONMENTAL IMPACT ASSESSMENT

DWEA Ref No 12/12/20/1488

**Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station**

**Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009**

**Zitholele Consulting**  
EIA Public Participation Office  
Gauteng:

Anelle Odendaal / Patswa Mngokoyi  
PO Box 6002, Halfway House, 1685  
Tel (011) 254-4855/4900  
Fax (011) 805 2100  
Email aodendaal@zitholele.co.za or  
PatswaM@zitholele.co.za

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

<b>TITLE</b>	Mr.	<b>FIRST NAME</b>	Louw
<b>INITIALS</b>	LF	<b>SURNAME</b>	Venter
<b>ORGANISATION</b>	KV3 Engineers	<b>EMAIL</b>	lventer@kv3.co.za
<b>POSTAL ADDRESS</b>	PO Box 398, Bellville		
		<b>POSTAL CODE</b>	7535
<b>TEL NO</b>	021 912 3000	<b>FAX NO</b>	

### REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING (Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>	
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)	
Per email	<input checked="" type="radio"/> YES <input type="radio"/> NO
CD by mail	<input type="radio"/> YES <input type="radio"/> NO
<b>PUBLIC MEETING</b>	
I would like to attend the public meeting (please circle the appropriate block)	
If you have indicated "yes" you will receive a copy of the agenda and directions to the venue before the meeting	
I will attend the open house and public meeting on Thursday, 6 August 2009 from 16:00 at the Kala Manzi Lodge, Bronkhorstspuit Dam, Bronkhorstspuit	<input type="radio"/> YES <input checked="" type="radio"/> NO

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

Any comments you may have at this stage:

.....

.....

.....

.....

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

.....

.....

**This assessment is being conducted on behalf of Eskom**

## ENVIRONMENTAL IMPACT ASSESSMENT

DWEA Ref No 12/12/20/1488

**Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station**

**Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009**

**Zitholele Consulting  
EIA Public Participation Office  
Gauteng:**

Anelle Odendaal / Patiswa Mhokoyi  
PO Box 6002, Halfway House, 1685  
Tel (011) 254-4855/4900  
Fax (011) 805 2100  
Email aodendaal@zitholele.co.za or  
PatiswaM@zitholele.co.za

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

TITLE	Mr	FIRST NAME	Michael
INITIALS	M S	SURNAME	Vertue
ORGANISATION	Anglo Coal	EMAIL	mvertue@anglocoal.co.za
POSTAL ADDRESS	P/B x 9 L.R. + 55 Forten		POSTAL CODE 1038
TEL NO	013 691 5281	FAX NO	013 691 8200

### REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING (Please circle the applicable box)

<b>DRAFT SCOPING REPORT</b>		
I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)		
Per email	<input checked="" type="radio"/> YES	<input type="radio"/> NO
CD by mail	<input type="radio"/> YES	<input type="radio"/> NO
<b>PUBLIC MEETING</b>		
I would like to attend the public meeting (please circle the appropriate block)		
If you have indicated 'yes' you will receive a copy of the agenda and directions to the venue before the meeting		
I will attend the open house and public meeting on Thursday, 6 August 2009 from 16:00 at the Kaia Manzi Lodge, Bronkhorstspuit Dam, Bronkhorstspuit	<input checked="" type="radio"/> YES	<input type="radio"/> NO

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

Any comments you may have at this stage:

.....

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.....

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

.....

.....

**This assessment is being conducted on behalf of Eskom**

<p><b>ENVIRONMENTAL IMPACT ASSESSMENT</b> DWEA Ref No 12/12/20/1488</p> <p><b>Kusile Railway Project: Proposed construction of a railway line (and associated infrastructure) from the existing Pretoria – Witbank railway (parallel to the N4) to the Kusile Power Station</b></p> <p><b>Reply sheet to receive the Draft Scoping Report and/or to attend an Open House and Public Meeting on 6 August 2009</b></p>	<p>Zitholele Consulting EIA Public Participation Office Gauteng:</p> <p>Anelle Odendaal / Patswa Mngokoyi PO Box 6002, Halfway House, 1685 Tel (011) 254-4855/4800 Fax (011) 805 2100 Email: aodendaal@zitholele.co.za or PatswaM@zitholele.co.za</p>
--	---

Please complete by 31 July 2009, and return to the EIA Public Participation Office (see details above).  
We thank you for your participation

NAME	DR	SURNAME	PAUL
INITIALS	PMPB	SURNAME	MULLENBELD
PROFESSION	-	EMAIL	MULLENBELDP@DWA.GOV.ZA
POSTAL ADDRESS	POSBUS 1675 BRONKHORSTSPRUIT	POSTAL CODE	1020
TEL NO	082 662 7719	FAX NO	012 392 1357

**REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING**  
(Please circle the applicable box)

Per email	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
CD by mail	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
I will attend the open house and public meeting on Thursday, 6 August 2009 from 18:00 at the Kala Manzi Lodge, Bronkhorstspruit Dam, Bronkhorstspruit		
	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

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

Any comments you may have at this stage:

.....

.....

.....

.....

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

.....

.....

**This assessment is being conducted on behalf of Eskom**

**Environmental Impact Assessment and Water Use License  
Application for the proposed construction of a railway line and  
associated infrastructure to connect Kusile Power Station, west  
of Witbank to the national railway grid**

DEAT Ref No 12/12/20/1488

**REGISTRATION AND COMMENT SHEET**  
Inserted in the Background Information Document

Zitholele Consulting  
EIA Public Participation Office  
Anelle Odendaal/Patiswa Mngokoyi  
PO Box 6002, Halfway House, 1685  
Tel (011) 254-4855/4905 Fax  
(011) 805 2100  
Email aodendaal@zitholele.co.za/  
patiswam@zitholele.co.za

**June 2009**

Please complete and return to the EIA Public Participation Office (details above right)

TITLE	DR	FIRST NAME	PAUL	If you are an affected landowner, please tell us your farm name and erf / portion number ONYERWACHT 582,57A PTN 5819 585 546416
INITIALS	PMPB	SURNAME	MEULENBELD	
ORGANISATION	-	EMAIL	PMEULENBELD@	
POSTAL ADDRESS	Postbus 1676 Bronkhorstspruit 1601		1601	
TEL NO	082 662 7719	FAX NO	044 874 1513	

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)

<input checked="" type="radio"/> YES	<input type="radio"/> NO
I would like my notifications by	
<input checked="" type="radio"/> Mail	
<input type="radio"/> Email	
<input type="radio"/> Fax	
<input type="radio"/> Telephone	
I would like to receive documents for comment as follows	
<input checked="" type="radio"/> Paper copies	
<input type="radio"/> By email	
<input type="radio"/> On CD	

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:

LANDOWNER / RESIDENT

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

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

- 1) SOSIO-EKONOMIESE IMPAK OP OORDELING / OPSNY VAN PLASE AGU SPORLYN.
- 2) SENSITIEWE / ENDEMIESE PLANTEGROEI OP WILGERMIESE SANDSTEEN - BESKERM DIT.
- 3) VEILIGHEID VAN SPOOR / RAO KRUISINGS (BRUG / OORGANG)?
- 4) IMPAK VAN KONSTRUKSIE OP PLANSKURWERTHEIT - & VEE WELSYN.

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

\_\_\_\_\_

\_\_\_\_\_

**THANK YOU FOR YOUR CONTRIBUTION**

<p align="center"><b>Environmental Impact Assessment and Water Use License</b>  <b>Application for the proposed construction of a railway line and associated infrastructure to connect Kusile Power Station, west of Witbank to the national railway grid</b></p> <p align="center">- DEAT Ref No 12/12/20/1485</p> <p align="center"><b>REGISTRATION AND COMMENT SHEET</b>                  Incorporated in the Background Information Document</p>	<p align="center"><b>Zitholele Consulting</b>  <b>EIA Public Participation Office</b></p> <p>Anelle Odendaal/Patiwa Mngokoyi                  PO Box 8002, Halfway House, 1685                  Tel (011) 254-4555/4905 Fax                  (011) 805 2100</p> <p>Email <a href="mailto:odendaal@zitholele.co.za">odendaal@zitholele.co.za</a>/  <a href="mailto:patiwa@zitholele.co.za">patiwa@zitholele.co.za</a></p> <p align="center"><b>June 2009</b></p>
---	---

*Please complete and return to the EIA Public Participation Office (details above right)*

TITLE	MR.	FIRST NAME	Leslie (LES)	If you are an affected landowner, please tell us your farm number and erf / portion number Gedagte ONUERWAGHT. 532 J.R.
INITIALS	L. A.	SURNAME	ADRIAN	
ORGANISATION	TON Partners	EMAIL		
POSTAL ADDRESS	P.O. Box 236 E 117 Boks	POSTAL CODE	BRANDENBURG 1020	
TEL NO	08 34177464	FAX NO	015933749	
Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)				YES      NO
I would like my notifications by				<input type="checkbox"/> Mail <input type="checkbox"/> Email <input checked="" type="checkbox"/> Fax <input type="checkbox"/> Telephone
I would like to receive documents for comment as follows				<input type="checkbox"/> Paper copies <input type="checkbox"/> By email <input type="checkbox"/> On CD
In terms of <u>GNP 484 (EIA process regulations)</u> I disclose below any direct business, financial, personal or other interest that I may have in the approval or refusal of the application: <hr/> <hr/>				

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

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

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Any other comments:

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

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**THANK YOU FOR YOUR CONTRIBUTION**

<p><b>Environmental Impact Assessment and Water Use License</b>  <b>Application for the proposed construction of a railway line and</b>  <b>associated infrastructure to connect Kuelie Power Station, west</b>  <b>of Witbank to the national railway grid</b></p> <p>DEAT Ref No 12/12/20/1498</p> <p><b>REGISTRATION AND COMMENT SHEET</b>          - inserted in the Checklist and Information Document</p>	<p>Zitholele Consulting          EIA Public Participation Office</p> <p>Anelle Oodendaal/Paniswa Mthokoyi          PO Box 6002, Halfway House, 1680          Tel (UT) 204-4000400 Fax          (011) 805 2100</p> <p>Email: aodendaal@zitholele.co.za/          paniswa@zitholele.co.za</p> <p style="text-align: center;"><b>June 2009</b></p>
---	---

Please complete and return to the EIA Public Participation Office (details above right)

TITLE	Mr	FIRST NAME	FRANCIS	If you are an affected landowner, please tell us your farm name and erf / portion number _____ N/A	
INITIALS	FA	SURNAME	DE JAGER		
ORGANISATION	KV3 ENGINEERS	EMAIL	fdcjager@kv3.co.za		
POSTAL ADDRESS	Box 26155, Menlopark		POSTAL CODE		0182
TEL NO	012 425 6300	FAX NO	012 460 1336		

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notification during this EIA process. (Please circle applicable box)

I would like my notifications by	YES	NO
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
I would like to receive documents for comment as follows	Mail	<input type="checkbox"/>
	Email	<input checked="" type="checkbox"/>
	Fax	<input type="checkbox"/>
	Telephone	<input type="checkbox"/>
	Paper copies	<input type="checkbox"/>
	By email	<input checked="" type="checkbox"/>
	On CD	<input type="checkbox"/>

In terms of SANS 995 (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:  
 None

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

I suggest that the following issues of concern be investigated in the EIA and WU&A:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Any other comments:

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

**THANK YOU FOR YOUR CONTRIBUTION**

**Environmental Impact Assessment and Water Use License  
Application for the proposed construction of a railway line and  
associated infrastructure to connect Kusile Power Station, west  
of Witbank to the national railway grid**

DEAT Ref No 12/12/20/1488

**REGISTRATION AND COMMENT SHEET**  
Inserted in the Background Information Document

**Zitholele Consulting  
EIA Public Participation Office**  
Anelle Odendaal/Patiswa Mngokoyi  
PO Box 6002, Halfway House, 1685  
Tel (011) 254-4855/4905 Fax  
(011) 805 2100  
Email [aoendaaal@zitholele.co.za](mailto:aoendaaal@zitholele.co.za)/  
[patiswam@zitholele.co.za](mailto:patiswam@zitholele.co.za)

**June 2009**

*Please complete and return to the EIA Public Participation Office (details above right)*

TITLE	Mr	FIRST NAME	Alistair
INITIALS	A J	SURNAME	Collier
ORGANISATION	Anglo Platinum	EMAIL	acollier@angloplat.com
POSTAL ADDRESS	P O Box 62179 Marshalltown 2107		
		POSTAL CODE	2107
TEL NO	(011) 3735622	FAX NO	(011) 3735622

If you are an affected landowner, please tell us your farm name and erf / portion number

\_\_\_\_\_

\_\_\_\_\_

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	I would like my notifications by	
	<input type="checkbox"/> Mail	
	<input checked="" type="checkbox"/> Email	
	<input type="checkbox"/> Fax	
	<input type="checkbox"/> Telephone	
I would like to receive documents for comment as follows	<input type="checkbox"/> Paper copies	
	<input checked="" type="checkbox"/> By email	
	<input type="checkbox"/> On CD	
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:		
_____		

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

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

\_\_\_\_\_

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\_\_\_\_\_

Any other comments:

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

**THANK YOU FOR YOUR CONTRIBUTION**



**Environmental Impact Assessment and Water Use License  
Application for the proposed construction of a railway line and  
associated infrastructure to connect Kusile Power Station, west  
of Witbank to the national railway grid**

DEAT Ref No 12/12/20/1488

**REGISTRATION AND COMMENT SHEET**  
Inserted in the Background Information Document

Zitholele Consulting  
EIA Public Participation Office  
Anelle Odendaal/Patiswa Mtshokoyi  
PO Box 8002, Halfway House, 1685  
Tel (011) 264-4856/4905 Fax  
(011) 805 2100  
Email aodendaal@zitholele.co.za/  
patiswam@zitholele.co.za

**June 2009**

Please complete and return to the EIA Public Participation Office (details above right)

TITLE	M/NK	FIRST NAME	THEODORUS JOHANNES	If you are an affected landowner, please tell us your farm name and erf / portion number <u>ONVERWACHT</u> <u>PORTION 15.</u>
INITIALS	TJ	SURNAME	HERRMANN	
ORGANISATION	HERRMANN FAMILIE TRUST	EMAIL	brickwork@iim.co.za	
POSTAL ADDRESS	HELSBOS 2037	BRICKHEATLAND		
TEL NO	0826538736	FAX NO	0865792269	
Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
I would like my notifications by				<input type="checkbox"/> Mail <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Telephone <input type="checkbox"/> Paper copies <input checked="" type="checkbox"/> By mail <input type="checkbox"/> On CD
I would like to receive documents for comment as follows				
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:				
_____ _____ _____				

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

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

MY PROPERTY IS ALREADY CUT IN 3 PORTIONS AND THIS WOULD  
GETTER THE SITUATION. IT IS ONLY 20 HA OF LAND

Any other comments:

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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**THANK YOU FOR YOUR CONTRIBUTION**

**Environmental Impact Assessment and Water Use License  
Application for the proposed construction of a railway line and  
associated infrastructure to connect Kusile Power Station, west  
of Witbank to the national railway grid**

DEAT Ref No 12/12/20/1438

**REGISTRATION AND COMMENT SHEET**  
inserted in the Background Information Document

Zitholele Consulting  
EIA Public Participation Office  
Anelle Odendaal/Patlewa Mngokoyi  
PO Box 8002, Halfway House, 1685  
Tel (011) 254-4855/4905 Fax  
(011) 806 2100  
Email aodendaal@zitholele.co.za/  
patlewam@zitholele.co.za

**June 2009**

Please complete and return to the EIA Public Participation Office (details above right)

TITLE	MRS .	FIRST NAME	CA COLVIN	
INITIALS	C.E.	BURNAME	AMSTONE - VERDOORN	
ORGANISATION	BIRDLIFE SA	EMAIL	advocacy@birdlife.org.za	
POSTAL ADDRESS	P.O. BOX 515, RANDBURG		POSTAL CODE	2125
TEL NO	011 - 7891122	FAX NO	011 - 789 5188	

If you are an affected landowner, please tell us your farm name and erf / portion number

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)

<input checked="" type="radio"/> YES	<input type="radio"/> NO
--------------------------------------	--------------------------

I would like my notifications by

<input type="checkbox"/> Mail
<input checked="" type="checkbox"/> Email
<input type="checkbox"/> Fax
<input type="checkbox"/> Telephone

I would like to receive documents for comment as follows

<input type="checkbox"/> Paper copies
<input checked="" type="checkbox"/> By email
<input type="checkbox"/> On CD

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:

N/A.

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

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

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Any other comments:

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

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**THANK YOU FOR YOUR CONTRIBUTION**

**Environmental Impact Assessment and Water Use License  
Application for the proposed construction of a railway line and  
associated infrastructure to connect Kusile Power Station, west  
of Witbank to the national railway grid**

DEAT Ref No 12/12/20/1488

**REGISTRATION AND COMMENT SHEET**  
Inserted in the Background Information Document

**Zitholele Consulting  
EIA Public Participation Office**

Anelle Odendaal/Patiswa Mngokoyi  
PO Box 6002, Halfway House, 1685  
Tel (011) 254-4855/4905 Fax  
(011) 805 2100

Email [aodendaal@zitholele.co.za](mailto:aodendaal@zitholele.co.za)  
[patiswam@zitholele.co.za](mailto:patiswam@zitholele.co.za)

**June 2009**

*Please complete and return to the EIA Public Participation Office (details above right)*

TITLE	Mnr	FIRST NAME	Hans	<p>If you are an affected landowner, please tell us your farm name and erf / portion number</p> <p>Onverwacht 532 part 4</p>
INITIALS	JPL	SURNAME	Coortze	
ORGANISATION	Land Owner	EMAIL	<a href="mailto:johanmaggie@absamail.co.za">johanmaggie@absamail.co.za</a>	
POSTAL ADDRESS	PO Box 793	Bronkhorstspuit		
		POSTAL CODE		
TEL NO	013 680 1227 ✓	FAX NO	N/A	

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)		YES	NO
I would like my notifications by	Email	<input type="checkbox"/> Mail	
		<input type="checkbox"/> Email	
		<input type="checkbox"/> Fax	
		<input type="checkbox"/> Telephone	
I would like to receive documents for comment as follows	By email	<input type="checkbox"/> Paper copies	
		<input type="checkbox"/> By email	
		<input type="checkbox"/> On CD	
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:			

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

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

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Any other comments:

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

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**THANK YOU FOR YOUR CONTRIBUTION**

**Environmental Impact Assessment and Water Use License  
Application for the proposed construction of a railway line and  
associated infrastructure to connect Kusile Power Station, west  
of Witbank to the national railway grid**

DEAT Ref No 12/12/20/1488

**REGISTRATION AND COMMENT SHEET**  
Inserted in the Background Information Document

**Zitholele Consulting  
EIA Public Participation Office**

Anelle Odendaal/Patiswa Mngokoyi  
PO Box 8002, Halfway House, 1685  
Tel (011) 254-4855/4905 Fax  
(011) 805 2100

Email aodendaal@zitholele.co.za/  
patiswam@zitholele.co.za

**June 2009**

*Please complete and return to the EIA Public Participation Office (details above right)*

<b>TITLE</b>	Mnr	<b>FIRST NAME</b>	Johan	If you are an affected landowner, please tell us your farm name and erf / portion number  Onverwacht  532 part 4
<b>INITIALS</b>	SFJ	<b>SURNAME</b>	Coertze	
<b>ORGANISATION</b>		<b>EMAIL</b>	johanmaqqie@absamail.co.za	
<b>POSTAL ADDRESS</b>	PO Box 9412		Elsburg	
		<b>POSTAL CODE</b>	1407	
<b>TEL NO</b>	011 021 2888	<b>FAX NO</b>	N/A	
Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)				YES      NO
I would like my notifications by		Email		<input type="checkbox"/> Mail <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Telephone
I would like to receive documents for comment as follows		By email		<input type="checkbox"/> Paper copies <input checked="" type="checkbox"/> By email <input type="checkbox"/> On CD
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: _____ _____				

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

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

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Any other comments:

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

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**THANK YOU FOR YOUR CONTRIBUTION**

**Environmental Impact Assessment and Water Use License  
Application for the proposed construction of a railway line and  
associated infrastructure to connect Kusile Power Station, west  
of Witbank to the national railway grid**

DEAT Ref No 12/12/20/1485

**REGISTRATION AND COMMENT SHEET**  
Inserted in the Background Information Document

Zitholele Consulting  
EIA Public Participation Office  
Anelle Odendaal/Patiwa Mngokoyi  
PO Box 6002, Halfway House, 1685  
Tel (011) 254-4856/4805 Fax  
(011) 505 2100

Email aodendaal@zitholele.co.za/  
patiwa@zitholele.co.za

**June 2009**

Please complete and return to the EIA Public Participation Office (details above right)

TITLE	Miss	FIRST NAME	Ida	If you are an affected landowner, please tell us your farm name and erf / portion number _____ _____
INITIALS	I	SURNAME	Botha	
ORGANISATION	Kungwint Local Municipality	EMAIL	debtdobtd@Yahoo.com	
POSTAL ADDRESS	Po Box 40 BRONKHORSTSPRUIT	POSTAL CODE	1020	
TEL NO	018 932 6213	FAX NO	018 932 4091	

Please formally register me as an Interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)

	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
I would like my notifications by	<input type="checkbox"/> Mail	<input type="checkbox"/> Email
	<input type="checkbox"/> Fax	<input type="checkbox"/> Telephone
I would like to receive documents for comment as follows	<input type="checkbox"/> Paper copies	<input type="checkbox"/> By email
	<input type="checkbox"/> on CD	

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:

\_\_\_\_\_

\_\_\_\_\_

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

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

\_\_\_\_\_

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\_\_\_\_\_

Any other comments:

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

**THANK YOU FOR YOUR CONTRIBUTION**

<p><b>Environmental Impact Assessment and Water Use License Application for the proposed construction of a railway line and associated infrastructure to connect Kusile Power Station, west of Witbank to the national railway grid</b></p> <p>DEAT Ref No 12/12/20/1488</p> <p><b>REGISTRATION AND COMMENT SHEET</b> Inserted in the Background Information Document</p>	<p>Zitholele Consulting EIA Public Participation Office</p> <p>Annie Odendaal/Patiwa Mngokoyi PO Box 5002, Halfway House, 1685 Tel (011) 264-4865/4806 Fax (011) 805 2100</p> <p>Email: <a href="mailto:annieodendaal@zitholele.co.za">annieodendaal@zitholele.co.za</a>/ <a href="mailto:patiwa@zitholele.co.za">patiwa@zitholele.co.za</a></p> <p><b>June 2009</b></p>
---	--

Please complete and return to the EIA Public Participation Office (details above right)

<p>AR</p> <p>M.A.</p> <p>SADRAL</p> <p>012 4266227</p>	<p>MUS</p> <p>YORKS EAST</p> <p>YORKS@NA</p> <p>012 3481512</p>	<p>YORKS EAST</p> <p>YORKS@NA</p> <p>012 3481512</p>	<p>If you are an affected landowner, please tell us your four-figure meter / port / box number</p>
--	---	--	--

<p>Please formally register me as an Interested and affected party (I&amp;AP) so that I may receive further information and notifications during the EIA process. (Please circle applicable box)</p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>
<p>I would like my notifications by</p>	<p>Mail <input type="checkbox"/></p> <p>EMail <input checked="" type="checkbox"/></p> <p>Fax <input type="checkbox"/></p> <p>Telephone <input type="checkbox"/></p>
<p>I would like to receive documents for comment as follows</p>	<p>Paper copies <input type="checkbox"/></p> <p>By EMail <input type="checkbox"/></p> <p>On CD <input type="checkbox"/></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>	

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

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

Roll over NS bridge to be in accordance with  
SANS 10162 standards/procedures/specifications. An  
agreement with SANS will have to be completed prior to  
the commencement of any design and  
construction activities. Mr Edwin Kruger  
at SANS 10162 is our bridge engineer and should be  
contacted with.

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

everything you may require. No tel no: 012 4266227

**THANK YOU FOR YOUR CONTRIBUTION**

ORGANISATION	TOPIGS SA	EMAIL	danie@topigs.co.za	9+10 of the FARM
POSTAL ADDRESS	P.O. BOX 839, BRONKHORST SPRUIT		1020	ROSEMANSKRAAL
TEL NO	012-3483676	FAX NO	012-3488474	538 JR
Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
I would like my notifications by				<input checked="" type="checkbox"/> Mail <input type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Telephone
I would like to receive documents for comment as follows				<input type="checkbox"/> Paper copies <input type="checkbox"/> By email <input type="checkbox"/> On CD
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:				

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

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

1. Has a survey been conducted in terms of ground water sources?
2. What will be the future impact of this survey on consumers and animals?
3. We are concerned about the wetlands. It must be protected.
4. We are concerned about noise, pollution, noise, biosecurity and security

Any other comments:

TOPIGS SA request another meeting with Titholele Consulting, following our meeting on Friday the 20th of March 2009 at the SAPPD offices in Pretoria

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

Mr Christof Pretorius Cell: 0846240313  
 Dr Pieter Vervoort Cell: 0824142558

**THANK YOU FOR YOUR CONTRIBUTION**

*SP Vervoort*  
 22/06/2009

<b>Environmental Impact Assessment and Water Use License Application for the proposed construction of a railway line and associated infrastructure to connect Kusile Power Station, west of Witbank to the national railway grid</b>  DEAT Ref No 12/12/20/1488	Zitholele Consulting EIA Public Participation Office  Anelle Odendaal/Patiewa Mngokoyi PO Box 6002, Halfway House, 1685 Tel: (011) 254-4855/4805 Fax: (011) 905-2100  Email: aodendaal@zitholele.co.za/ patiewam@zitholele.co.za
<b>REGISTRATION AND COMMENT SHEET</b> -inserted in the Background Information Document	
<b>June 2009</b>	

Please complete and return to the EIA Public Participation Office (details above right)

TITLE	Mnr	FIRST NAME	Joerue	If you are an affected landowner, please tell us your farm name and cell / portion number Portians 8 Bossmans Kraal
INITIALS	J	SURNAME	Buys	
ORGANISATION		EMAIL	budenta@kurtic.net	
POSTAL ADDRESS	Postbus 1397 Newlands, Pretoria			
		POSTAL CODE	0049	
TEL NO	012 811 0820 082114560	FAX NO	012 811 0820	

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during this EIA process. (Please circle applicable box)	YES	NO
I would like my notifications by	<input type="checkbox"/> Mail <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Telephone	
I would like to receive documents for comment as follows	<input type="checkbox"/> Paper copies <input checked="" type="checkbox"/> Email <input type="checkbox"/> On CD	

In terms of GNR 585 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:  
 I am the owner of Portians 8 Bossmanskraal Farm with cattle influencing me financially and personally.

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

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

Alternative 2: Wetland that's going to be disturbed.  
 The bio-sensitivity of the area. Noise.  
 Pollution of water, air and unobstructed view.

Any other comments:  
 The passing through of people and equipment will have a direct influence on my farming.

Please ask the following of my colleagues/friends to register as I&APs for this EIA:  
 E.C. Wohltz 0832550090

THANK YOU FOR YOUR CONTRIBUTION



**Elizma Engelbrecht**

---

**From:** Jennifer Kitto [[JKITTO@sat.sahra.org.za](mailto:JKITTO@sat.sahra.org.za)]  
**Sent:** 11 August 2009 03:52 PM  
**To:** Mngokoyi, Patiswa  
**Subject:** Re: EIA: Kusile Railway Project - DSR available

Dear Patiswa

I request a copy of the HIA for this project as SAHRA is aware that there is a high possibility of graves or burial grounds being present in the location of the proposed railway line. Several cemeteries were identified previously on the location of the Kusile power station.

However, please note that the SAHRA Burial Grounds and Graves (BGG) Unit will only comment on any burial grounds or graves that may be affected by the railway line. The relevant provincial SAHRA office/s and the Archaeology, Meteorites and Palaeontology (APM) Unit will also need to comment on the HIA (the contact details of the provincial offices and the APM Unit can be found on the SAHRA website: [www.sahra.org.za](http://www.sahra.org.za)).

Regards

Jennifer Kitto  
Cultural Heritage Officer  
Burial Grounds and Graves Unit  
Tel: (011) 403-2460  
Fax: (011) 339-3347  
Cell: 076-560-4114  
e-mail: [jkitto@sat.sahra.org.za](mailto:jkitto@sat.sahra.org.za)

Street Address:  
11th Floor, Braamfontein Centre  
23 Jorriksen St, BRAAMFONTEIN, 2001  
Postal Address:  
PO Box 32272, Braamfontein, 2017

~~~~~  
This message may contain information which is confidential, private or privileged in nature. If you are not the intended recipient, you may not peruse, use, disseminate, distribute or copy this message or file which is attached to this message. If you have received this message in error, please notify the sender immediately by e-mail, facsimile or telephone and thereafter return and/or destroy the original message. Any views of this communication are those of the sender except where the sender specifically states them to be those of South African Heritage Resources Agency (SAHRA). Please note that the recipient must scan this email and any attached files for viruses and the like. SAHRA accepts no liability of whatever nature for any loss, liability, damage or expense resulting directly or indirectly from the access and/or downloading of any files which are attached to this e-mail message.  
~~~~~

>>> "Mngokoyi, Patiswa" <[Patiswa@zitholele.co.za](mailto:Patiswa@zitholele.co.za)> 2009/07/28 02:52 PM  
>>>

Dear stakeholders The Draft Scoping Report (DSR) for the Environmental Impact Assessment for the Kusile Railway Project for the proposed construction of a railway line (and associated infrastructure) from the existing Pretoria-Witbank railway (parallel to the N4) to the Kusile Power Station is available for public comment. We have emailed and sent through the postal service a letter to you to announce the availability

of the DSR. In the same letter you have been invited to attend an open house and public meeting which will be held on Thursday, 6 August 2009 as from 16:00. The open house component will be from 16:00 to 18:00. The public meeting will commence at 18:00. The DSR is available for public review for a period of four weeks (from Monday, 27 July to Thursday, 27 August 2009). Thereafter, the report will be updated and submitted to the lead authority for the EIA, the National Department of Water and Environmental Affairs (DWEA) that will consider the scope to be covered by the Specialist Studies, after which the studies may proceed. The key commenting authorities, the Gauteng Department of Agriculture and Rural Development and the Mpumalanga Department of Economic Development, Environment and Tourism, will also be afforded the opportunity to provide comments on the DSR. Please find attached the DSR for your review. We have not enclosed the appendices due to the size of the attachments. Should you wish to receive any specific appendix, please contact us. In addition, the DSR and its appendices is available at the public places listed below. The DSR and its appendices is also be available on the Eskom website ([www.eskom.co.za/eia/Kusile\\_rail](http://www.eskom.co.za/eia/Kusile_rail)). List of Public Places

Address	City	Contact	Tel	Location	Ms
Lindi Van Papendorp		Witbank		Public Library	Cnr
Elizabeth and Hofmeyer Streets				Witbank	Tel: (013)
690 6229	Ms	Brenda Smith		Kungwini	Public
Library	Cnr	Mark and Botha Streets			
Bronkhorst-spruit		Tel: (013) 932 6305			

You are requested to comment on the DSR in any of the following ways:  
 completing the comment sheet enclosed with the reports; · By

- By writing a letter, or producing additional written submissions; ·
- By email or telephone to the public participation office; or ·
- By attending the public meeting (see below for details).

INVITATION TO A OPEN HOUSE AND PUBLIC MEETING ON 6 AUGUST 2009  
 The purpose of the open house and public meeting will be to present the findings of the scoping process, and to allow discussions around those findings and recommendations of the process into the EIA phase. The contents of the DSR will be presented during the meeting. It is important that you register for the public meeting in advance - please use the enclosed form and return it by Friday, 31 July 2009. This will allow us to send you an electronic copy of the DSR in advance. The details of the public meeting are: Date:

Thursday, 6 August 2009 Venue:

Kai a Manzi Lodge, Bronkhorstspruit Dam, Bronkhorstspruit (directions to the venue is attached) Time of Open House:

16:00 - 18:00 Time of Public Meeting:

Registration: 17:30 Meeting: 18:00 - 20:00 Thank you to all who have responded to the invitation to attend the public meeting. If you have not yet responded, please do so as soon as possible. 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)

Comments on the Kusile Railway Project DWEA REF NO: 12/12/20/1488- DRAFT  
SCOPING REPORT  
Project: 12202 Zitholele Consulting

To be considered in the Final Scoping Report and EIA (Table 9), at this point in time:

1. The specialist studies to be undertaken are too short in time span to assess the biodiversity of the area (September/October 2009). As it is the end of winter/onset of spring, such a study has to continue until mid-summer. Many grassland species are only visible during the winter (flowering) months and might not be visible, also those that only appear around summer.
2. Important impacts on (Onverwacht 502JR, Portions 9 + 58):
  - a. Cattle and game grazing patterns will be impacted.
  - b. Decrease in the carrying capacity and profitability of the farm.
  - c. Exposure of cattle to poisonous plants, if not managed correctly.
  - d. Decrease in the land value of the farm in total (200ha).
  - e. Create a servitude: access route for theft incidents.
  - f. Nature of the fence next to the railway? Fence cutting happens frequently.
  - g. Biodiversity of the ridge is rich.
  - h. The crossing of the railway line next to the dirt road entrance to this farm needs to be addressed: safe and practical?
  - i. Fragmenting the farm.
  - j. Long-term alien vegetation control in and around disturbed areas.
  - k. High value land (Winter grazing) to be impacted (*Digitaria eriantha*-*Smutsvinger*), and
  - l. Marginalize western portion of the farm.
3. The geology includes Wilgerivier sandstone (Waterberg Group) and defines a richer biodiversity than south of this outcrop.
4. Impact of power lines on birds (the dam on the farm has an island that serves as a breeding facility). Typical visitors are Kolgans, Swartsterretjies, Lepelaar, Wilde Makou, Reier soorte, Kiewiete, Slanghalsvoël, Wilbarsduiker, Gewone Duiker, Bleshoender, Dobbertjie, Eende, etc.
5. Figure 21: Unimproved grassland not true. The area has been cleared from invader species (bluogum, bankrotbos) and seeded with Smutsvinger grass (increase carrying capacity)
6. Figures 22 & 23: Biodiversity of Wilgerivier sandstone communities is diverse and high in numbers: Rand Highveld Grassland and is in an ENDANGERED status (p.400 Mucica & Rutherford). Routing of the railway in this section might need to be reconsidered. These maps do not reflect this clearly.
7. Impacts of any blasting work (especially in sandstone/ridge areas)



Dr Paul Meulenbald Pr Sci Nat (Environmental Science), August 2009

## Mpumalanga Provincial Government

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### DEPARTMENT OF AGRICULTURE AND LAND ADMINISTRATION DIRECTORATE: ENVIRONMENTAL IMPACT MANAGEMENT

Litiko Lezokulima Kanye  
Mekunhathwa Kwenhlaba

Departement van Landbou, en  
Grondadministrasie

Linyango Wazokulima,  
Mkhoduluka Kwenkha

Enquiries: Musa Mondlane

DE AT REF. NO.: 12/12/20/1488

Attention: Jacqui Hex  
**Zi hulele Consulting**  
P.O. Box 6002  
Halfway House  
1645

Dear Jacqui

**RE: COMMENTS FOR DRAFT ENVIRONMENTAL IMPACT REPORT TO SUBMIT THE FINAL ENVIRONMENTAL IMPACT REPORT FOR THE PROPOSED RAILWAY LINE AND ASSOCIATED INFRASTRUCTURE FROM THE EXISTING RAILWAY AT KUSILA POWER STATION, DELMAS, MPUMALANGA.**

The department of Agriculture & Land Administration still has no objection on this project as long as you would be able to identify and mitigate against any possible impacts.

The following conditions should be adhered to during construction of the proposed activity;

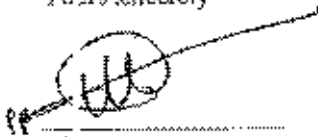
- If any construction may occur on any physical landforms e.g. dams wetlands, ridges and hills, etc, an alternative sites must be considered and indicated.
- Ground and soil must be suppressed at all times to minimize excessive dust during windy and dry seasons to prevent accidents, especially during the construction phase of the development.
- The applicant is responsible for compliance with the provision of the duty of care and remediation of damage contained in section 28 of the National Environmental Management Act 1998 (Act No. 107 of 1998).

Should the proposed development involve any other listed activities an application for environmental authorization must be submitted to this Department and authorization obtained prior to its commencement.

This Department reserves the right to its initial comments and please do not hesitate to contact this office should you have any enquiries based on the above comments.

I hope that you will find the above to be in order.

Yours sincerely



Director:  
Environmental Impact Management

15/01/2010  
Date