

**Eskom Holdings SOC Limited**

**Focus Group Meeting at Nkangala District Municipality**

**20 June 2013**

**Project No : 12935**

**ACTION**

**1. Welcome, Introductions and Objectives of Meeting**

1.1 Ms Nicolene Venter welcomed those present to the meeting. The safety and evacuation procedure was explained in case of any emergencies.

**1.2 Attendance:**

The meeting went through a round of introductions. An attendance list is attached as Appendix A.

1.3 The objectives of this meeting is:

- Provide background information on the proposed project;
- Present the contents of the Draft Scoping Report;
- Provide the opportunity to submit comments on DSR and EIA process: and
- Record comments and concerns raised.

1.4 The agenda was presented and accepted as tabled.

**2. Need for and background to the project**

Mrs Boipelo Molema gave a brief presentation on the background of Kendal Power Station and why this project is needed.

A copy of the presentation is attached as **Appendix B**.

**Discussion and Questions raised:**

No discussion or questions raised.

**3. Environmental Impact Assessment and Public Participation Process**

Dr Mathys Vosloo gave a brief presentation on the EIA process.

A copy of the presentation is attached as **Appendix B**.

Ms Venter presented the public participation process.

A copy of the presentation is attached as **Appendix B**.

Mr Nevin Rajasakran gave a short presentation of the technical screening and assessment.

A copy of the presentation is attached as **Appendix B**.

**Discussion and Questions raised:**

No discussion or questions raised.

**ACTION****4. Overview of the Draft Scoping Report**

Dr Mathys Vosloo presented an overview of the environmental findings as per the Draft Scoping Report.

A copy of the presentation is attached as **Appendix B**.

**Discussion and Questions raised:**

No discussion or questions raised.

**5. General Comments**

- Ms Priscilla Fenyawe from Emalahleni Local Municipality thanked all the presenters for their presentations. Emalahleni's main concern is what impact this project will have on the air quality and whether it will add to the deteriorating state?
- Dr Mathys Vosloo responded that the impacts will be evaluated by the specialists who will conduct an air quality assessment. From this assessment we can determine the mitigation measures.
- Mr Nevin Rajasakran responded that in terms of the engineering design we have made provision for a irrigation system that will aid in dust suppression in the area.
- Mr Christopher Noni responded that in terms of the output of the power station from the air quality point of view that is not going to increase. The power station will remain the way it is now. It's not a capacity increase in terms of the emissions. The only thing we are taking care of is the space that takes the ash.
- Ms Priscilla Fenyawe asked what is going to happen to the current facility that is being used? Will it be rehabilitated?
- Ms Boipelo Molema responded that it would be rehabilitated. Large portion of the ash dump has been rehabilitated already. Trees and vegetation has been planted. This will continue to be done on the new site.
- Mr Hlahla Khoza asked how is Eskom managing the leachate that is being produced during the disposal of waste?
- Mr Tobile Bokwe responded and said that the station has a ground water monitoring system in place which is managed by external consultants and specialist. If there are any problems than measures are in place to rectify the matter. Monthly reports are being submitted to Eskom. This is in line with the EMS and ISO14:001 that the power station compiles to.
- Mr Nevin Rajasakran responded and said that the on the proposed development they would put in a liner system, which will have a leachate collection system. There will also be a ground water monitoring system in place.

**6. Next Steps**



**ACTION**

- The comment period for Scoping Phase ends 16 July 2013.
- Zitholele will finalise the Scoping report / Plan of Study and submit to DEA in July 2013.
- Specialist studies are to commence in August 2013 and will be completed in October 2013.
- Zitholele will compile the DEIR and EMPr in October 2013.
- The comment period on the DEIR and EMPr will be held during November 2013 to January 2014.
- The report will be finalised and submit to DEA in January 2014.

**7. Closure**

Ms Venter thanked everyone for attending the meeting.

The meeting was adjourned at 10h25.

**DATE: 31 July 2013**

**SIGNATURE:**

**ZITHOLELE CONSULTING**

**Eskom Holdings SOC Limited**

**Public Meeting at Phola Community Hall**

**20 June 2013**

**18h00 – 20h00**

**Project No : 12935**

**ACTION**

**1. Welcome, Introductions and Objectives of Meeting**

1.1 Ms Nicolene Venter welcomed those present to the meeting. The safety and evacuation procedure was explained in case of any emergencies.

**1.2 Attendance:**

The meeting went through a round of introductions. An attendance list is attached as Appendix A.

1.3 The objectives of this meeting is:

- Provide background information on the proposed project;
- Present the contents of the Draft Scoping Report;
- Provide the opportunity to submit comments on DSR and EIA process: and
- Record comments and concerns raised.

1.4 The agenda was presented and accepted as tabled.

**2. Need for and background to the project**

Mr Bonga Mashazi gave a brief presentation on the background of Kendal Power Station and why this project is needed.

A copy of the presentation is attached as **Appendix B**.

**Discussion and Questions raised:**

No discussion or questions raised.

**3. Environmental Impact Assessment and Public Participation Process**

Dr Mathys Vosloo gave a brief presentation on the EIA process.

A copy of the presentation is attached as **Appendix B**.

Ms Venter presented the public participation process.

A copy of the presentation is attached as **Appendix B**.

Mr Nevin Rajasakran gave a short presentation of the technical screening and assessment.

A copy of the presentation is attached as **Appendix B**.

**Discussion and Questions raised:**

**ACTION**

No discussion or questions raised.

**4. Overview of the Draft Scoping Report**

Dr Mathys Vosloo presented an overview of the environmental findings as per the Draft Scoping Report.

A copy of the presentation is attached as **Appendix B**.

**Discussion and Questions raised:**

No discussion or questions raised.

**5. General Comments**

- Mr Make asked if any agricultural land will be effected. Agri Kendal has silos near site F.
- Dr Vosloo responded that all 4 sites will have a land capability study and resource economics study done. All landowners will be notified of the specialist coming to the area.
- Mr Skosana asked what impacts will this proposed development have on the community of Phola in terms of the air quality?
- Dr Mathys respond that if a health issue is picked up than the health specialist would have to come and do an assessment.
- Mr Rajasakran added that we first must check if the plume is approaching the Phola community. If it does than the health specialist would have to do an assessment on the dust particles of that is inhaled will it have a negative impact on the community.
- Mr Bokwe added that all sites will be assessed by all specialists. In the DSR there are ToR for each specialist that will guide them is assessing the sites. You as the community of Phola can contribute by reading the ToR in the DSR to make sure that we have listed your concerns that you would like the specialist to assess. E.g. will the dust from the ash dump blow in the direction of Phola.
- Ms Makoma Lekalakala asked if the ToR where presented to everybody as it is important to know what the ToR are. This is to ensure that they can follow up with health issues, water issues. It should be explained at these public meeting so that people understand what is expected of them.
- Ms Venter suggested that another meeting be arranged with community representatives to present the ToR and then they will go back to the community and explain them and get other concerns that are not already in the ToR
- It was suggested that the ToR be attached to the minutes.
- What will the height of the facility be?
- The height will be between 50 – 100m. This will be assessed by the specialist who will conduct a visual impact assessment on all the sites.
- Are we the only community that is affected by this project?
- Dr Vosloo responded that Phola is not the only community that might be affected this will be known once the social specialist has done their assessment.
- Another concern was the issue of mist as there are a lot of trucks

ToR were read out by Dr Vosloo

Noted

**ACTION**

on the road.

**6. Next Steps**

- The comment period for Scoping Phase ends 16 July 2013.
- Zitholele will finalise the Scoping report / Plan of Study and submit to DEA in July 2013.
- Specialist studies are to commence in August 2013 and will be completed in October 2013.
- Zitholele will compile the DEIR and EMPr in October 2013.
- The comment period on the DEIR and EMPr will be held during November 2013 to January 2014.
- The report will be finalised and submit to DEA in January 2014.

**7. Closure**

Ms Venter thanked everyone for attending the meeting.

The meeting was adjourned at 19h30

**DATE: 31 July 2013**

**SIGNATURE:**

**ZITHOLELE CONSULTING**

**Zitholele Consulting**

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**Environmental Impact Assessment and Waste Management License  
Application for the proposed 30 Year Ash Disposal Facility at Kendal Power  
Station near Ogies, Mpumalanga Province**

**(DEA Ref: 14/12/16/3/3/3/68; NEAS Ref: DEA/EIA/0001624/2013)**

**FOCUS GROUP MEETING: LANDOWNERS**

**Draft Minutes**

Thursday, 4 July 2013, 14:00 to 15:00

NG Church Hall, Ogies

**1. SAFETY MOMENT**

- **Nicolene Venter (NV)** informed everyone in the meeting about the evacuation procedures in the event of emergency.

**2. WELCOME, INTRODUCTIONS AND OBJECTIVES OF THE MEETING**

- **Mathys Vosloo (MV)** welcomes all present in the meeting. He stated that the objectives of the meeting was to:
  - present an overview of the environmental findings as per the Draft Scoping Report;
  - Provide an opportunity to seek clarity on the contents of the DSR and obtain the input at an earlier stage;
  - Submit comments and/or concerns regarding the proposed project; and
  - Record comments and/or concerns raised at the meeting.
- **NV** requested everyone to introduce themselves.

**3. ATTENDANCE**

**a. Present (see Appendix A for attendance register)**

Mathys Vosloo ( <b>MV</b> )	Zitholele Consulting
Emmy Molepo ( <b>EM</b> )	Eskom
Tobile Bokwe ( <b>TB</b> )	Eskom
Edwin Seitei ( <b>ES</b> )	Eskom
Nevin Rajasakran ( <b>NR</b> )	Zitholele Consulting
Bongani Simelane ( <b>BS</b> )	Eskom

Nicolene Venter ( <b>NV</b> )	Zitholele Consulting
Christie Truter ( <b>CT</b> )	Truter Boerdery Trust
Granny Kgole ( <b>GK</b> )	Shanduka coal
Alucia Tjale ( <b>AT</b> )	Shanduka coal
Virginia Ramakuwela ( <b>VR</b> )	Zitholele Consulting

**b. Apologies**

Bonga Mashazi ( <b>BM</b> )	Eskom
Nomasonto Nsibande ( <b>NN</b> )	Eskom
Cindy Smith ( <b>CS</b> )	Anglo American

#### 4. AGENDA FOR THE MEETING

- **Dr Mathys Vosloo (MV)** went through the agenda (See Appendix B) and it was adopted as it is.

#### 5. NEED FOR AND BACKGROUND TO THE PROJECT

- **MV** provided background information to the project as follows: Kendal has an existing ash facility situated to the south west direction on the provided map. The Kendal Power Station initially had a lifespan of 40 years and currently it has been extended to 60 years. Eskom has been receiving coal that is poor in quality. Consequently, there is more ash being produced than anticipated. Hence, the power station is running out of space to dispose ash, leading to the need for identifying and securing a new site and thus the need for this project.

**ACTION**

**MV**

#### 6. ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

- **MV** gave an overview of how the site selection has been done. The site selection process went through four phases, namely: Study Area Identification, Defining of Developable Areas, Site Screening and Overlay Analysis. The study area defined as within 10km radius from Kendal Power Station. From the identified study area, developable areas were identified. Nine sites were initially identified and some were eliminated through Site Screening and Identification.
- **NR** added on how the site screening has been done. He mentioned that the screening was based on several criteria that have been identified.

**MV**

**NR**

- 
- **MV** informed everyone that another meeting was held with the other mining houses and feedback has been received on the proposed sites from Kusile Mining, Anglo American and Genet Mining. However, Genet Mining is not affected by any of the proposed sites. **MV**

## 7. OVERVIEW OF THE DRAFT SCOPING REPORT

- **MV** gave an overview of the Draft Scoping Report (DSR) and indicated that it is currently available for public review.
- Shanduka will be forwarded the DSR on Monday (7 July 2013).

## 8. DISCUSSION

- **GK** asked for the portions where the sites are located so that they can provide input in terms of their mining right area. **GK**
- **NR** responded that they should look at all four identified sites and provide feedback in terms of how Shanduka Coal will be impacted by the sites. He added that they should provide information such as which areas are undermined, which areas they have mining rights for and the areas they are prospecting to obtain mining rights. **NR**
- **NR** asked **GK** where Shanduka Coal is currently mining in relation to Kendal Power Station. **NR**
- **GK** responded that currently there is no mining taking place at Leeufontein site. After looking at the location of the four identified sites, GK indicated that neither one of the four sites affect Shanduka Mining unless for future mining. **GK**
- **NR** asked if there is any information required by Shanduka Mining from Zitholele with regards to the proposed sites and proposed dump in terms of height, size, etc. **NR**
- **AT** responded that at the time of the meeting (4 July 2013), they do not have detailed information of their mining rights. Based on the above mentioned, no information is currently required by Shanduka Mining from Zitholele. However, additional information will follow later in terms of what mining rights they hold around the proposed area. **AT**
- **AT** is concerned how this project might impact on their groundwater because **AT**

- they have a borehole near the proposed site D.
- **MV** responded that currently the project is in the Scoping Phase. A number of specialists have been identified and recommended for this project which amongst other includes Groundwater. So detailed information will be provided later during the Impact Phase of the EIA process. **MV**
  - **GK** and **AT** will go through the DSR and forward all their comments with regard to Groundwater, dust suppression, etc to Zitholele. **GK and AT**
  - **MV** asked if there are other people from Shanduka that should be in this project's stakeholder's database. **MV**
  - **AT** responded that **Sipho Mkhathswa** from Shanduka who is responsible for mining on Kendal side should be included in the stakeholder database. **AT**
  - **MV** asked if Shanduka have mining rights for other minerals besides the coal mining. **MV**
  - **GK** responded that Shanduka only mine coal. However, there are possibilities of the underground coal mining but she is not certain about the seams (whether upper or lower). **GK**
  - **TB** commented that it would be better if Shanduka representatives provide their feedback on the proposed sites at this stage so that we can deal with the mining issues now rather than later. He added that we share the same interest because Shanduka don't want Eskom to sterilise their resources while Eskom also would not want to select a site that is undermine or that Shanduka has the mining rights for. He urged that Shanduka provide information on their future mining since Eskom would not want to identify and select sites that will be mined in the coming two years. **TB**

## 9. CLOSURE

- **NV** thanked everyone present in the meeting for their availability in a short notice and the input they have provided. She informed everyone that the minutes will be prepared and circulated to the attendees. The meeting was then adjourned at 14h30.



**MEETING WITH INGWE SURFACE HOLDINGS (BHP BILLITON) WITH REGARD  
TO THE KENDAL 30 YEAR ASH DUMP PROJECT**

**Project No : 12935**

**ACTION**

- 1. Present**  
Tania Oosthuizen (TO) Zitholele Consulting  
Johan Muller (JM) BHP Billiton (Khutuka Colliery)  
Derick Korff (DK) BHP Billiton (Klipspruit Colliery)
- 2. Apologies**  
None
- 3. Previous Minutes**  
This was the first meeting held with Ingwe Holdings specifically
- 4. Matters for Discussion**
  - 4.1 TO introduced herself and explained that Zitholele has been appointed to undertake the EIA for the Kendal 30 Year Ash Disposal Facility Project.
  - 4.2 TO explained that there are currently 4 sites selected to be taken forward into the EIA phase. She explained that the Scoping Phase has already been undertaken.
  - 4.3 TO requested information from BHP on the location of their surface and mining rights, as this is necessary for the site selection process. JM indicated that BHP have mining rights for two mines (Khutuka and Klipspruit) in the area. These mines will be affected by the site alternatives "D" and "F".  
JM and DK also indicated that the Khutuka Mine supplies Kendal Power Station; and that both mines have a remaining Life of Mine (LoM) of well over 20 years.
  - 4.4 DK recommended that BHP compile a formal response to Zitholele indicating which farm portions will be affected. It was agreed that TO will provide them with the drawing and shapefiles of the 4 sites.

**DATE: 28 August 2013**

**SIGNATURE:**  
**ZITHOLELE CONSULTING**

**MEETING WITH SHANDUKA MINING WITH REGARD TO THE BOTH THE KENDAL 30 YEAR AND  
KENDAL CONTINUOUS ASH DISPOSAL PROJECTS**

**10 September 2013**

**Project No : 12935 and 12810**

**ACTION**

**1. Present**

Tania Oosthuizen (TO)	Zitholele Consulting
Sharon Meyer (SM)	Zitholele Consulting
Sunil Mungaroo (SM)	Shanduka Coal
Sipho Mkhathshwa (SM)	Shanduka Coal
Bonga Mashazi (BM)	Eskom
Nomasonto Nsibande (NN)	Eskom

**2. Apologies**

Granny Kgole (GK)	Shanduka Coal
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**3. Previous Minutes**

This was the first meeting held with Shanduka Coal specifically. Representatives from Shanduka Coal also attended a Focus Group Meeting on 4 July 2013.

**4. General**

- 4.1 TO explained that Zitholele has been appointed to undertake the EIA for the Kendal 30 Year Ash Disposal Facility Project as well as the Kendal Continuous Ashing Project. She introduced herself as the PM for Kendal 30 yr and SM as being involved in Kendal Continuous. She also introduced the two Eskom representatives from Kendal Power Station.
- 4.2 TO briefly explained what both projects entail and explained that Shanduka has been identified as a IAP. She explained that both projects have gone through Scoping Phase.
- 4.3 SM explained that they have three operations in the area: Leeuwfontein (South of Kendal PS), Lakeside (adjacent to Leeuwfontein) and Bankfontein Colliery where they have a 99 year lease agreement (mining right).
- 4.4 SM explained that Lakeside and Leeuwfontein are in a state of care and maintenance. Bankfontein is almost entirely mined out.
- 4.5 SM requested a copy of the landowner information database. TO to send with minutes. TO

**5. Kendal 30 Year**

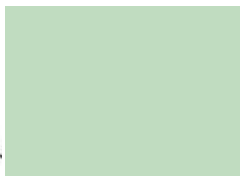
- 5.1 TO and SM discussed the potential of utilising the Bankfontein area for a site for the 30 yr ash dump. It falls within the current Site F.
- 5.2 TO explained that a site of between 550 and 770 ha is required for the 30 year ash dump based on the design.

**ACTION**

- 5.3 SM advised that they have about 260 ha immediately available on Bankfontein.
- 5.4 SM explained that Eskom have also approached them to use the site by Kusile for a CSY.
- 5.5 TO explained that disturbed areas are preferred from an environmental point of view. She explained that DWA is not opposed to on-pit disposal provided that compaction is undertaken and liner is put in.
- 5.6 SM explained that Bankfontein has been totally opencast mining, Lakeside and Leeuwfontein was a combination of open cast and underground mining. TO explained that undermined areas is a problem from a geotechnical point of view.
- 5.7 To enquired whether the specialists will be allowed to access the Bankfontein site. SM advised that all specialist access be arranged through SM. SM advised that induction required is only about 30 minutes. If they come with machinery, they will be accompanied by the mine personnel to oversee the activities from a Health and Safety point of view. TO
6. **Kendal Continuous**
- 6.1 SM explained that their operation that is closest to the Kendal Power Station is Leeuwfontein.
- 6.2 TO and SM explained the situation of the farm dam located South of the Kendal Continuous facility. They advised that they are considering lowering or removing the dam wall in order to prevent the mine water from mixing in with the stream water. TO explained that once the inundated area has been cleared, it can be determined whether the previous stream diversion is still intact or whether it should be reinstated. They showed Mr SM where the Eskom boundary is and asked him whether Shanduka will rehabilitate their section of the river. SM agreed and also agreed that they have no need for the dam and are in support of it being lowered or removed.
- 6.3 The legality of the dam was discussed. TO explained that the previous owner (Mr Swanepoel) claims that it is legal. However, it is not registered with DWA.

**DATE:** 26 September 2013

**SIGNATURE:**  
**ZITHOLELE CONSULTING**



Document1

**MEETING WITH WESCOAL MINING PTY (LTD) WITH REGARD TO THE KENDAL 30 YEAR ASH  
DUMP PROJECT**

**Project No : 12935**

**ACTION**

**1. Present**

Tania Oosthuizen (TO) Zitholele Consulting  
Martin Bartle (MB) Wescoal Mining

**2. Apologies**

None

**3. Previous Minutes**

This was the first meeting held with Wescoal specifically

**4. Matters for Discussion**

4.1 TO introduced herself and explained that Zitholele has been appointed to undertake the EIA for the Kendal 30 Year Ash Disposal Facility Project.

4.2 TO explained that there are currently 3 areas identified to be taken forward into the EIA phase for the project. She explained that Eskom require an area of at least 550 ha.

4.3 TO requested information from Wescoal on the location of their surface and mining rights, as this is necessary for the site selection process.

4.4 MB indicated that Wescoal have mining rights for two Collieries (Khanyisa and Intibane) in the area. These mines will be affected by the proposed Kendal area alternatives "C" and "F".

4.5 The Khanyisa Colliery is located on the farm Heuvelfontein 216 IR (portions to be confirmed) and the Intibane Colliery on Vlakvarkfontein 213 IR (portions to be confirmed). MB

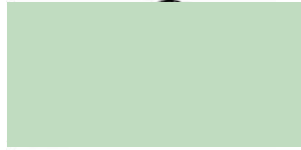
4.6 Wescoal leases the Heuvelfontein property, but has the surface rights for the Vlakvarkfontein Colliery.

4.7 MB indicated that he will provide a formal response regarding their operations if TO send him the information per email. MB

4.8 MB indicated that both sites will be affected by underground mining. At Khanyisa, underground mining is being undertaken by Wescoal and on Intibane, historical undermining took place.

4.9 MB indicated that on both Collieries, the remaining Life of Mine is probably less than 5 years.

**DATE:** 04 November 2013



**SIGNATURE:**  
**ZITHOLELE CONSULTING**

Document1

**Environmental Impact Assessment and Waste Management License  
Application for the proposed 30 Year Ash Disposal Facility at Kendal  
Power Station near Ogies, Mpumalanga Province**

**(DEA Ref: 14/12/16/3/3/3/68; NEAS Ref: DEA/EIA/0001624/2013)**

**MEETING WITH ANGLO**

**Draft Minutes**

Tuesday, 12 November 2013, 13:00

Anglo Central Services, Emalahleni

**Project No : 12935**

**ACTION**

**1. Present**

Tania Oosthuizen (TO) Zitholele Consulting  
Goody Ntuli (GN) Eskom Lands and Rights  
Cindy Smith (CS) Anglo  
Leanord Durow (LD) Anglo

**2. Apologies**

Dr Mathys Vosloo (MV) Zitholele Consulting

**3. Previous Minutes**

Anglo Coal attended a Focus Group Meeting with Mining Houses on 28 June 2013. In this meeting they shared some information on their mining activities in the area.

**4. Matters for Discussion**

- 4.1 TO introduced herself and explained that Zitholele has been appointed to undertake the EIA for the Kendal 30 Year Ash Disposal Facility Project. She explained that she had taken over the Project Management role from MV who is still involved in the project, but at a higher level.
- 4.2 TO explained that there are currently 3 areas identified to be taken forward into the EIA phase for the project. She explained that Eskom require an area of at least 550 ha.
- 4.3 TO requested more information from Anglo on the location of their surface, mining and prospecting rights, as this is necessary for the site selection process. TO explained that they are looking closely at Area F as it appears to be one of the few areas that have been largely mined out.
- 4.4 Anglo had prepared a map in preparation for the meeting. LD indicated that he had previously provided a .dxf with information to MV.

**ACTION**

- 4.5 Anglo explained that their concerns are mainly on Site F (to the north) where they are in the process of purchasing land from Truter (Bankfontein 216 ptns 7, 10, 11 etc) to expand the New Largo Colliery. They stated that they will develop a pit (Pit J), but could not comment on when exactly they intend on developing it.
- 4.6 Anglo explained that they have a conveyor belt running through the North Eastern corner of area F. They confirmed that the alignment has not changed from that applied for in the EIA.
- 4.7 Anglo advised that they had committed on wetland offsets on Area F (for their conveyor project). They advised TO to obtain more information on this from Garry Marnevic from Wetland Consulting Services. TO
- 4.8 Anglo also advised of the Transnet oil pipeline running through Area F.
- 4.9 Anglo advised that they have applied for a mining right on the Northern Side of Area B (van Dyksput ptn 4 & Heuvelfontein ptn 52 and 36).
- 4.10 TO enquired about the Mining Rights on Area C as per the DMR (Vlakvarkfontein 213 ptns 7 & 8). LD agreed to enquire send information on this. LD
- 4.7 LD and CS advised that the best person to speak to from Anglo with regards to negotiations for land is Lampies Lambrecht.
- 4.8 TO thanked everyone for their time and input. The meeting was closed.

**DATE:** 13 November 2013

**SIGNATURE:**  
**ZITHOLELE CONSULTING**

Document1

**Environmental Impact Assessment and Waste Management License  
Application for the proposed 30 Year Ash Disposal Facility at Kendal  
Power Station near Ogies, Mpumalanga Province**

**(DEA Ref: 14/12/16/3/3/3/68; NEAS Ref: DEA/EIA/0001624/2013)**

**MEETING WITH MBUYELO**

**Draft Minutes**

Tuesday, 21 January 2014, 14:00

Rirhandzu Colliery, Mpumalanga  
**Project No : 12935**

**ACTION**

**1. Present**

Tania Oosthuizen (TO)	Zitholele Consulting
Goody Ntuli (GN)	Eskom Lands and Rights
Marianté Herbst (MH)	Eco-Gain Consulting
Nick Rademan (NR)	Mbuyelo (Rirhandzu Colliery)
Louis Botha (LB)	Groundwater Square

**2. Apologies**

Dr Mathys Vosloo (MV) Zitholele Consulting

**3. Previous Minutes**

This is the first meeting held with Mbuyelo (Rirhandzu Colliery) specifically

**4. Matters for Discussion**

- 4.1 TO introduced herself and explained that Zitholele has been appointed to undertake the EIA for the Kendal 30 Year Ash Disposal Facility Project. She explained that MV will take over from her again from 1 March to 1 July 2014 while she is on maternity leave.
- 4.2 TO explained that Eskom is looking for a site for their Ash Disposal Facility. There are currently 4 areas being investigated, B, C, F and H. The Rirhandzu Colliery is situated on Site C. She explained that Eskom require an area of at least 550 ha.
- 4.3 TO requested more information from Mbuyelo on the location of their surface, mining and prospecting rights, as this is necessary for the site selection process. Mbuyelo provided the following information:
- Mbuyelo is owned by Perisat Investments. They started Rirhandzu mining operations in mid-2013. Mining footprint is still relatively small



**ACTION**

- Mbuyelo has mining rights on portions 1, 4, 9, 10, 11, 12, 14, 15 of the farm Vlakvarkfontein 213 approximately 1400 ha. Their mining area is much smaller.
  - They have a maximum Life of Mine of 7-10 years. 10 years only if they put up a washing plant.
  - Rirhandzu Colliery will mine only open pit. There is no historic undermining on Site C.
  - There is a SASOL high pressure pipeline running through portions 4, 12 and 11.
- 4.4 Mbuyelo indicated that they are willing to engage with Eskom in negotiations on their mining right areas.
- 4.5 Mbuyelo indicated that they will register TO and GN as Interested and Affected Parties (IAPs) on their database for the Basic Assessment Process they are currently undertaking.
- 4.6 Zitholele will register NR and MH on the IAP register for the Kendal 30 TO year project,
- 4.7 MH provided contact details of Adri Joubert (environmental consultant) who could be of assistance on the Vlakvarkfontein Colliery information (Site B).
- 4.8 LB had several suggestions with regard to utilisation of ash in mining voids in order to minimise Acid Mine Drainage.
- 4.9 TO thanked everyone for their time and input. The meeting was closed.

**DATE:** 30 January 2014

**SIGNATURE:**  
**ZITHOLELE CONSULTING**

Document1

**Environmental Impact Assessment and Waste Management License  
Application for the proposed 30 Year Ash Disposal Facility at Kendal  
Power Station near Ogies, Mpumalanga Province**

**(DEA Ref: 14/12/16/3/3/3/68; NEAS Ref: DEA/EIA/0001624/2013)**

**MEETING WITH ANGLO (ZIBULO COLLIERY)**

**Draft Minutes**

Monday, 3 February 2014, 9:30

Zibulo Colliery, Mpumalanga

**Project No : 12935**

**ACTION**

**1. Present**

Tania Oosthuizen (TO)	Zitholele Consulting
Goody Ntuli (GN)	Eskom Lands and Rights
Mel Joseph (MJ)	Anglo (Zibulo Colliery)
Johan Swanepoel (JS)	Anglo (Zibulo Colliery)
Michael Naidoo (MN)	Anglo (Zibulo Colliery)

**2. Apologies**

Dr Mathys Vosloo (MV) Zitholele Consulting

**3. Previous Minutes**

This is the first meeting held with Mbuyelo (Rirhandzu Colliery) specifically

**4. Matters for Discussion**

- 4.1 TO introduced herself and explained that Zitholele has been appointed to undertake the EIA for the Kendal 30 Year Ash Disposal Facility Project.
- 4.2 TO introduced GN as the lands and rights representative from Eskom.
- 4.3 TO explained that Eskom is looking for a site for their Ash Disposal Facility. There are currently 4 areas being investigated, B, C, F and H. She explained that Eskom require an area of at least 550 ha.
- 4.4 TO requested more information from Zibulo on their plans for Vlakvarkfontein portions 7 and 8 as this forms part of Site C. She explained that if there is a possibility for Eskom to acquire this land, then GN will take it forward with them (through their Legal Department) directly. However, first it should be determined whether Anglo has earmarked this area to be mined or used for infrastructure.
- 4.5 JS indicated that the western part of the Zondagsfontein Mining Right (Vlakvarkfontein ptns 7 and 8) is earmarked for use by New Largo and

**ACTION**

- Kusile Mining and the eastern part is earmarked for mainly for export from Richardsbay.
- 4.6 JS indicated that they do not have no other knowledge of the plans for their portions and referred to Leanord Durow (LR), the surveyor for New Largo.
  - 4.7 TO explained that there has been meetings held with LR and he couldn't provide information on this area.
  - 4.8 TO requested the EMP and MWP from Zibulo in order to provide more information on this site.
  - 4.9 TO also requested a clear copy of the Regulation 2.2. map
  - 4.10 MJ indicated that TO could contact Joanne Uys (Geologist at New Largo) for more information.
  - 4.11 TO stated that she would appreciate an official response from Anglo on this matter as well as the public documentation requested.
  - 4.12 TO thanked everyone for their time and input. The meeting was closed.

**DATE:** **10 February 2014**



**SIGNATURE:**  
**ZITHOLELE CONSULTING**

Document1

**Environmental Impact Assessment and Waste Management License  
Application for the proposed 30 Year Ash Disposal Facility at Kendal  
Power Station near Ogies, Mpumalanga Province**

**(DEA Ref: 14/12/16/3/3/3/68; NEAS Ref: DEA/EIA/0001624/2013)**

**MEETING WITH KUSILE MINING / EYETHU COAL**

**Draft Minutes**

**Monday, 24 February 2014, 14:00 - Eyethu Coal Head Office, Pretoria**

**Project No : 12935**

**ACTION**

**1. Present**

Mathys Vosloo (MV)	Zitholele Consulting
Sharon Meyer-Douglas (SM-D)	Zitholele Consulting
Goody Ntuli (GN)	Eskom Lands and Rights
Michael Elliott (ME)	Eyethu Coal
Tshepo Shakwane (TS)	Geovicon Environmental

**2. Apologies**

Tania Oosthuizen (TO)	Zitholele Consulting
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**3. Previous Minutes**

This is the first meeting held with Eyethu Coal specifically.

**4. Matters for Discussion**

4.1 MV introduced himself and SM-D explained that Zitholele has been appointed to undertake the EIA for the Kendal 30 Year Ash Disposal Facility Project as well as for the Kendal Continuous Project. The difference between the two projects was briefly discussed.

4.2 MV introduced GN as the lands and rights representative from Eskom.

4.3 MV explained that the objective of the meeting was to present the information of the feasible sites thus far, and to collect any comments, objections raised by Eyethu Coal / Kusile Mining. MV also requested that any information that may help differentiate between sites be made available to Zitholele.

4.4 MV informed all that GN represents Eskom and some consultation between Eskom and Kusile mining has occurred already. GN requested that proof of that consultation be provided to her, and enquired what the progress on the Kusile Mining/Eyethu Coal Prospecting Rights and/or

TS / ME

**ACTION**

- Mining Rights Application is. GN also requested the mining plan going forward.
- 4.5 MV explained that for Kendal 30 year project there are currently 4 areas being investigated, B, C, F and H, with site H being reintroduced after Scoping for further investigation.
- 4.6 SM-D explained that the Kendal Continuous project will cover the majority of Schoongezicht 281 portion 43 and 25, with a stream diversion being required along the northern edge of the footprint.
- 4.7 ME enquired what the limitations on the west of the site with regards to the open cast mining and dam are. SM-D explained that the dam wall will be lowered and the stream rehabilitated to flow into natural drainage lines downstream. This will result in a separation of the existing mining voids and natural surface water bodies.
- 4.8 ME informed all that a mining right application has been submitted to DMR which covers Site H of the Kendal 30 year project, and the Kendal Continuous project site. The mining right has not been awarded yet.
- 4.9 GN enquired whether a mining right application was submitted covering site C of the Kendal 30 year project. ME replied that Eyethu Coal is in negotiations with Anglo American to buy mining rights on Welgelegen 221.
- 4.10 ME and TS showed a map indicating the area where the mining rights have been applied for. SM-D requested a copy of the map. ME replied that a security copy of the map will be provided to Zitholele.. ME
- 4.11 ME suggested that Eskom allow Eyethu Coal to complete prospecting on site H and on continuous site footprint (Schoongezicht 281 portion 43 and 25) to confirm whether coal is present below these sites or not. ME conceded that coal will likely not be present there, as the geology does not show positive results in that regard.
- 4.12 ME suggested a possible coal swap in the event that coal is found on the Kendal Continuous or Kendal 30 year Site H footprint.
- 4.13 MV summarised that 2 processes are ongoing, i.e. a process of negotiation with Eskom and the EIA process. It should be noted that the process of negotiation with Eskom may delay the EIA process, especially for the Kendal Continuous project.
- 4.14 GN stated that she will brief Eskom executives regarding the options discussed in this meeting. ME stated that he will brief Eyethu's executive and concur with the approach.
- 4.15 SM-D asked Eyethu Coal whether there is any other information required from Zitholele. ME responded that it would be appreciated if Zitholele can inform Eyethu regarding the process followed with DWA to apply for diversion of the stream. SM-D
- 4.16 GN requested whether the mining plans can be made available to Eskom. ME will contact their chief surveyor to obtain mining plans. ME to email plans to Eskom and Zitholele. NG said that this will help with decision-making.
- 4.17 MV asked whether cores were drilled on Site H. ME indicated that 6 holes were drilled in 2013 with little indication of coal, but need to drill about 40 more holes to be sure on portions 24 and 38 of Schoongezicht 218, and 74 and 79 of Heuvelfontein 215.
- 4.18 TS summarised that Eyethu Coal will discuss timeframes with its board

**ACTION**

- and then discuss this with Eskom in order to come to an arrangement.
- 4.19 ME asked if the road will be diverted for the proposed Site H development for the Kendal 30 year project. ME stated that this road is the main access road for the mines along this road. MV replied that the road will be relocated.
- 4.20 MV asked if Eyethu is in negotiations with mineral right owners on portions 4, 12 ,11 and 9 of Vlakvarkfontein 213. ME responded that these portions are not part of Eyethu plans. ME also indicated that portions 18 and 20 of Welgelegen 221 belongs to Eyethu.
- 4.21 SM-D suggested that a list of the farm portions directly impacted by site C be forwarded to Eyethu Coal to confirm whether mining rights are held by Eyethu Coal on any of these portions. ME agreed that they would inform Zitholele regarding any mining rights. MV / ME
- 4.22 MV summed up what was discussed in the meeting and asked whether there are any question Eyethu Coal has on the project.
- 4.23 GN requested consultation documents in terms of mining right applications. TS responded that consultation was undertaken on portion 20 of Schoongezicht 218 therefore wider consultation was not undertaken. ME confirmed that Eskom was consulted and further explained that prospecting rights were granted on a large area including the land portions of Site H and portion 20 of Schoongezicht. Based on this a mining right application was applied for only portion 20 of Schoongezicht 218. Then DMR informed Eyethu Coal to apply for mining right on all the prospected portions.
- 4.24 TS asked when Eskom would require the mining programme with timelines. GN responded that she would have an urgent meeting with Eskom executive. SM-D clarified that it would be helpful if we could get the plans as soon as possible ME
- 4.23 SM-D thanked everyone present and agreed to send the attendance register to all attendees. SM-D

**DATE:** **24 February 2014**



**SIGNATURE:**  
**ZITHOLELE CONSULTING**

\\zcdc01\data\PROJECTS\12935 - Kendal 30yr Ash\8 Stakeholder Engagement\Scoping phase\3. Public Consultation\2. Meetings\13. Kusile Mining 24 Feb 2014\Minutes\12935-85-04-Min-001-Kusile mining-Rev0.docx

**Eskom Holding SOC Limited**  
**MEETING WITH EYETHU COAL**  
**Project No : 12935**

**ACTION**

**1. Present**

Liyanda Mjingwana (LM) – Eskom  
Tania Oosthuizen (TO) – Zitholele Consulting  
Emmy Molepo (EM) – Eskom  
Goody Ntuli (GN) – Eskom  
Eddie Seitei (ES) – Eskom  
Mike Elliott (ME) – Eyethu Coal  
Andre Kreuiter (AK) - Eskom

**2. Apologies**

Dr Mathys Vosloo (MV) Zitholele Consulting  
Tobile Bokwe (TB) – Eskom

**3. Previous Minutes**

A previous meeting was held with Eyethu Coal and Kusile Mining in

**4. Mining rights on site H**

GN welcomed ME and stated objective of meeting.

ME stated that the shape provided by Eyethu Coal covering site H represents the prospecting right.

ME indicated that Portion 20 and 47 Heuvelfontein has been mined and undermined (4 seam, 2 seam and 1 seam).

ME indicated Eyethu Coal will either mine or sell Portion 20 Heuvelfontein 215 to another mining house.

ES asked whether any coal is available on site H north of the existing Kendal ADF. ME replied that the majority of Site H has been prospected and no coal found.

TO asked whether there is information on undermining under site H. ME replied that there is no undermining on site H.

EM enquired whether a letter can be drafted that states that no mining is planned for site H and no underground mining is present under site H. ME confirmed that he will take this back to the Kusile-

EM / ME

**ACTION**

Eyethu board of directors to issue the letter required. EM will draft the letter for the Kusile-Eyethu board.

ME stated that Mbuyelo is currently open cast mining on site C. Anglo is mining on Zibulo west. Eyethu is in negotiation with Anglo to buy Zibulo west, on condition that the coal be supplied to Kusile PS. If Eyethu buy the Zibulo west operations they plan to open cast mine the Welgelegen extension area on Site C.

TO asked whether the proposed mining on site C would be completed by 2025. ME responded that mining will continue beyond 2025, by either Eyethu or Anglo.

TO asked whether Eyethu knows about underground mining on sites B and F. TO asked whether information can be sent to Zitholele in confidence in order to help eliminate sites based on underground mining. ME responded that Zitholele must request this information in a letter. Zitholele will draft the letter and send to Eyethu Coal. TO

TO asked whether any underground mining is present under site C. ME responded that underground mining is present on Vlakvarkfontein 213 portions 11 and 12.

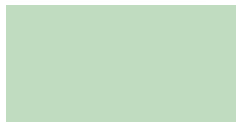
TO asked how far Eyethu Coal is in their EIA process for portion 20 of Heuvelfontein 215 (Heuvelfontein Colliery). ME responded that it is completed. The EIA on Welgelegen 221 portion 19 has also been completed.

ME committed that if Eskom / Zitholele has any old mine plans, which the chief surveyor will vectorise for Eskom to assess mining and underground liability and risk.

Eskom /  
ME

**DATE: 26 August 2014**

**SIGNATURE:**



**ZITHOLELE CONSULTING**



**Environmental Impact Assessment and Waste Management License  
Application for the proposed 30 Year Ash Disposal Facility at Kendal  
Power Station near Ogies, Mpumalanga Province**

**(DEA Ref: 14/12/16/3/3/3/68; NEAS Ref: DEA/EIA/0001624/2013)**

**MEETING WITH AFGRI**

**Draft Minutes**

Monday, 06 October 2014, 11:00

AFGRI Offices, Centurion  
Project No : 12935

**ACTION**

**1. Present**

Jan de Sousa (JdS) - AFGRI  
Stefan van Staden (SvS) - AFGRI  
Tania Oosthuizen (TO) – Zitholele Consulting

**2. Apologies**

None

**3. Previous Minutes**

There were no previous meeting minutes to approve.

**4. General**

4.1 TO gave background on the project and explained how the project is split between the Kendal Continuous Project and the Kendal 30 year project.

4.2 TO provided the attendees with two maps. One showing the four site alternatives being considered and another showing a preliminary layout of Site H, which is the preferred site. TO indicated that the Site H shape shown on the drawings is not final.

4.3 JdS (AFGRI) is concerned about the potential health effect caused by dust from the ADF on the people who work at the Afgri silos (approximately 20 permanent employees) as well as the farmers and temporary workers who spend time there.

**ACTION**

- 4.4 JdS (AFGRI) is concerned about the potential residue left on crops from the ADF dust. He indicates that the dust may affect the grade of the crops and therefore the price. He indicates that in the area there are mainly mielies, wheat and soya. Soya is oil based and therefore might be more sensitive to ash dust. He indicated that we should speak to Wiana Louw from SAGL (Suid Afrikaanse Grond Laboratorium) about tests / analyses that could be conducted on the crops to determine the effects from the ADF. He is concerned about food security.
- 4.5 JdS (AFGRI) is concerned about the realignment of the gravel road (D1390) past them. Farmers use this road to deliver their crops. If they have to travel further it will have an impact on them.
- 4.6 JdS (AFGRI) indicated that they send their products via the railway – Transnet system.
- 4.7 SvS (AFGRI) indicated that he has a different understanding of the alignment of the Kendal-Kusile pipeline depicted on the drawing. He agreed to look up the contacts of the persons who consulted with them and send this to TO.
- 4.8 TO indicated that she will register both of them on the IAP database. They will receive notifications of the process via email and sms. TO asked them to let her know if they want to register anyone else on the database. TO
- 4.9 TO pointed out the Heuvelfontein Colliery is being planned on portions 20 and 47 of Heuvelfontein 215. She indicated that their Mining Right application is with the DMR, but they have already received their environmental authorisation.
- 4.10 TO suggested that perhaps once more studies are available a feedback session could be held with AFGRI, and other relevant bodies who they would like to involve from their side. TO

**DATE: 09 October 2014**

**SIGNATURE:**



**ZITHOLELE CONSULTING**

**Environmental Impact Assessment and Water-use Licence Application for Kendal Power Station – 30 Year Ash Disposal Facility, Mpumalanga Province**

**(DEA Ref.: 14/12/16/3/3/3/68 and NEAS Ref.: DEA/EIA/0001624/2013)**

**COMMUNITY CONSULTATION MEETING**

**Saturday, 29 November 2014, 09h00**

**House of Sarah Sindane (House No 8), Kendal**

## **Minutes**

**Note:** These draft minutes are a summary of the presentation made to the Community Members and the comments / questions / concerns raised by the Community Members and are not verbatim.

**List of abbreviations:**

ADF	Ash Disposal Facility	CSM	Community Services Manager
DEIR	Draft Environmental Impact Assessment Report	KPS	Kendal Power Station
SIA	Social Impact Assessment		

**1. WELCOME, INTRODUCTIONS AND APOLOGIES**

Nicolene Venter, Zitholele Consulting, welcomed all present and requested that the team introduce themselves and give a brief summary of their role in the proposed project.

It was agreed by all present that the information provided by Zitholele Consulting will be presented in English and will be translated into Zulu by Bongani Dhlamini. The same process will be followed during the discussion and question session.

The community members was informed that they are most welcome to ask questions in the language of their choice and the responses provided by the team in English, will be translated by Bongani Dhlamini into Zulu.

***Please refer to Appendix A for the Attendance Record and the apologies received.***

### **3. OBJECTIVES OF THE MEETING**

- For Eskom to introduce the Zitholele project team to the community;
- Inform the residents regarding the need for- and status if the proposed development;
- Brief overview of the various sites investigated to date;
- Provide the Social Impact Assessment (SIA) Specialist an opportunity to obtain important and relevant information from the community to assess the possible social impact for inclusion in the SIA Report; and
- To record community members' comments/concerns and inputs raised at the meeting and invite them to become involved in the public participation process going forward.

### **4. PRESENTATION / INFORMATION SESSION**

Tania Oosthuizen, Zitholele Consulting presented a background summary of the proposed project. The life of the Kendal Power Station (KPS) has been extended by approximately 40 years. The current ash facility can only be extended to accommodate another 10 years of ash, approximately. An additional site is required to accommodate the remaining 30 years of ash disposal that will be produced by the KPS, approximately 30 years.

The attendees were informed that Zitholele Consulting has been appointed by Eskom Holdings SOC Ltd (Eskom) as the independent environmental consultants to undertake the environmental studies for the proposed new "30 year" Ash Disposal Facility (ADF). The environmental studies do not only consist of the impact on animals and plants, but also on humans.

By making use of a colour project locality map, the four (4) site alternatives assessed were pointed out in relation to where the community is based. Tania Oosthuizen pointed out that the required site needs to be a minimum of 400ha in size and must be within 10km of the KPS. Mining rights have been identified on three of the four alternative sites but not on Site H. Therefore, Site H is the most preferred site from that point of view. Should Site H go forward as the most preferred site, the Eskom Triangle Community will most probably need to be relocated. The relocation will be a separate process, and does not form part of this meeting.

This meeting forms part of the public participation process and through this process we are identifying possibly affected communities and sensitive areas that needs to be taken into consideration in deciding which site will have the least impact on the environment.

Zitholele Consulting is not yet in a position to say that Site H is the best site when it comes to the environmental impacts, as we are still undertaking studies. However, should Site H be selected as the preferred site, it would affect the community and Zitholele Consulting would like to hear what the community's concern(s) are in terms of this ADF in close proximity as they will then be affected by it.

The residents were also informed that the Social Specialists, Ilse and San-Marie Aucamp, are present to obtain information from the community to assess their current social environment, and the potential impact that the proposed new ADF will have on them. This information will enable them to submit recommendations in their Social Report.

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***The two maps presented at the meeting are attached as Appendix B***

**5. DISCUSSIONS**

- 5.1. Ester Goyi, Resident, Eskom Triangle Community: It was mentioned that the shape of Site H will change. How will the shape change?

Bongani Dhlamini, Zitholele Consulting: Zitholele just wants to point out that, because the engineers are still working on the design of the ADF, the exact shape of it might vary from the shape indicated on the maps presented on the day.

**Post-meeting note:**

Zitholele Consulting will provide feedback to the community during the Draft Environmental Impact Assessment Report (DEIR) phase. At that stage the team will have more finality regarding the design of the ADF.

- 5.2 Richard, Resident, Eskom Triangle Community: Complaining about the dust blowing in their direction from the currently ADF. The community is experiencing health problems, i.e. they cough a lot and suffer from long problems.

Tania Oosthuizen, Zitholele Consulting indicated that this issue is related to the existing ADF, and requested someone from Eskom to respond.

Edwin Setei, Eskom: As this matter relates to the existing ADF, information will be sourced from Kendal Power Station and feedback provided in the draft minutes.

**Post-meeting note:**

Kendal Power Station acknowledge the concern raised by the community. Kendal power station has implemented the dust fallout management system where dust fallout from different sources are monitored, of which the ADF is one of the areas that are monitored. From the latest dust fallout report Kendal Power Station had three monitoring points namely EK001, EK003, EK005 that are the closest proximity ( $\pm 3$  km) to the village and it can be reported that all these monitoring point's results are below the dust fallout residential limit of 600 mg/Nm<sup>2</sup> per day (450, 300 & 200 mg/Nm<sup>2</sup> per day, respectively) indicating that Kendal Power Station is complying with the legal requirements. In addition to these the Power Station's ADF has a dust suppression spray system that is used to control dust emanating from the facility continuously. Kendal Power Station therefore confirm that its ADF has sufficient control to manage any potential dust emanating from the site.

Please note that there are many sources of dust nearby the Kendal Triangle Village like open cast mining, mining stockpiles and farmers as compared to Kendal Power Station that is few kilometers away from the village.

- 5.3 Johanna Mashiane and Mamsie Mbonani, Eskom Triangle Community: The dust generated from the current mining operation of Mbuyelo Mine is unbearable to such an extent that they cannot do their laundry over weekends.

Nicolene Venter, Zitholele Consulting: As the project team present cannot respond to the concern raised as the this proposed project is not related to Mbuyelo Mine's operations. However, after a brief discussion with Mr Edwin Seitei (Eskom) it was agreed that Mr Seitei will liaise with the KPS Manager to establish whether Mbuyelo Mine is a service provider (providing coal) to KPS. Feedback will be provided to the community.

**Post-meeting note:**

Eskom received the following information from Perisat Mining Operations.

*The mine has a dedicated Community Services Manager (CSM) whose task is to address these very issues. Among other things, several key reports such as the Mine's Bankable Feasibility Study reports, EIA and mining right application reports (which were commissioned before they started mining) will be studied. He would then compare the findings with what is going on now to assist in finding any deviations/irregularities.*

Edwin Seitei, Eskom: Eskom has requested Perisat Mine Management to make haste in setting up a platform and engage the community via its recognised leadership so that the affected community members could air their points of contention to the mine. This engagement would inevitably lead to an appropriate, mutually-beneficial and amicable solution. If this platform is not successful it is believed the community would have no option but to report these matters to the Department of Mineral Resources, who, in turn, would issue Perisat with a Section 54 Mine Stoppage Notice.

Nicolene Venter: It is important for the community to take note that these type of concerns and matters which relates to impact from the mining activities in the area, can unfortunately not be addressed or attended to by the Kendal 30 Year Ash Disposal Facility EIA project team.

- 5.4 All Community Members: Their houses are cracking as a result of the trucks passing their houses.

Nicolene Venter: This matter will be reported to Mbuyelo Mine.

**Post-meeting note:**

An e-mail was sent to the Management of Mbuyelo Mine for further action. Eskom and KPS Management have been copied in the e-mail.

***Refer to Appendix C.***

- 5.5 Mamsie Mbonani, Eskom Triangle Community: Not only does the dust from the current ADF have a health impact on them as a community, it also affects the roof of their houses and the fences as these are rusting quicker than in the past. It also affects the plants.

**Post-meeting note:**

Kendal Power Station acknowledge the concern raised by the community. Kendal power station has implemented the dust fallout management system where dust fallout from different sources are monitored, of which the ADF is one of the areas that are monitored. From the latest dust fallout report Kendal Power Station had three monitoring points namely EK001, EK003, EK005 that are the closest proximity ( $\pm 3$  km) to the village and it can be reported that all these monitoring point's results are below the dust fallout residential limit of 600 mg/Nm<sup>2</sup> per day (450, 300 & 200 mg/Nm<sup>2</sup> per day, respectively) indicating that Kendal Power Station is complying with the legal requirements. In addition to these the Power Station's ADF has a dust suppression spray system that is used to control dust emanating from the facility continuously. Kendal Power Station therefore confirm that its ADF has sufficient control to manage any potential dust emanating from the site.

Please note that there are many sources of dust nearby the Kendal Triangle Village like open cast mining, mining stockpiles and farmers as compared to Kendal Power Station that is few kilometers away from the village.

Zitholele Consulting will, as part of the impact assessment phase, assess the impact of the ADF on humans' health and plants.

**5.6 Johanna Mashiane: What is going to happen about them?**

Edwin Seitei, Eskom: Discussions will be held with the KPS Manager regarding the management of their existing ADF.

Bronwyn Stolp, Eskom: As rumours might start to go around, it was requested that community members must please speak to her or Andre and not react to rumours. Eskom will have the correct information and Zitholele Consulting will keep the community informed of any progress made.

**5.7 Eric Mbonani ,Eskom Triangle Community: The community is at times left without water for 3 to 4 days. Their water is supplied from the farmer across the road.**

André Janse van Rensburg, Eskom: The water tank that provide the community with water does go empty at times, and should water supply become interrupted at night time, Hannes (the farmer), for security reason cannot go out to switch on the pump. However, the community should not be without water for 3 of 4 days. The matter will be discuss matter with Hanes.

**Post-meeting note:**

As discussed with Hannes (neighbour on whose property the bore hole is situated) the latest water problem was the result of cable theft and it is believed that the lack of water supply to the community was during this period. Hannes is committed to ensure, as far as humanly possible, to keep the water level in the tank as full as possible. It also needs to be noted that at two previous occasions the borehole dried up in the winter period and during these instances, the landowner had bought water.

Eskom Triangle Community: The community raised several concerns regarding their existing living arrangements with Eskom such as extensions to their houses, provision of electricity, etc. It was agreed that, as these questions are not relevant to the EIA being conducted and the purpose of the meeting, that the community raise these with Eskom separately.

Ilse Aucamp, the Social Impact Assessment (SIA) Specialist asked the community members questions pertaining to their occupation, livelihood, transport, commerce, schooling, etc. that will be used in the drafting of the SIA Report.

## **5. Closure and Way Forward**

Tania Oosthuizen presented the project time lines as follows:

- The construction of the Kendal 30 year ADF will only start from approximately 2020 - 2025. For now Zitholele is working on the environmental studies and engineering designs;
- Once more information is available on the site selection / preferred site, further consultation will be undertaken with the community;
- Nicolene Venter indicated that Tricia Njapha will be the contact person from Zitholele for the community to submit their questions and comments. Tricia will send her contact details to Sarah.

Nicolene Venter officially closed the meeting at 11h05 by thanking the community members for their attendance and their fruitful participation.

**DATE:**

**SIGNATURE:**

**ZITHOLELE CONSULTING**



**Environmental Impact Assessment and Water-use Licence Application for Kendal Power Station – 30 Year Ash Disposal Facility, Mpumalanga Province**

**(DEA Ref.: 14/12/16/3/3/3/68 and NEAS Ref.: DEA/EIA/0001624/2013)**

**COMMUNITY CONSULTATION MEETING**

**Saturday, 29 November 2014, 11h30**

**Khayaletu Village, Kendal**

## **Minutes**

**Note:** These draft minutes are a summary of the presentation made to the Community Members and the comments / questions / concerns raised by the Khayaletu Residents and are not verbatim.

**List of abbreviations:**

ADF	Ash Disposal Facility	DEIR	Draft Environmental Impact Assessment Report
EIA	Environmental Impact Assessment	KPS	Kendal Power Station
SIA	Social Impact Assessment		

**1. WELCOME, INTRODUCTIONS AND APOLOGIES**

Nicolene Venter, Zitholele Consulting, welcomed all present and requested that the team introduce themselves and give a brief summary of their role in the proposed project.

It was agreed by all present that the information provided by Zitholele Consulting will be presented in English and will be translated into Zulu by Bongani Dhlamini. The same process will be followed during the discussion and question session.

The community members was informed that they are most welcome to ask questions in the language of their choice and the responses provided by the team in English, will be translated by Bongani Dhlamini into Zulu.

***Please refer to Appendix A for the Attendance Record and the apologies received.***

### 3. OBJECTIVES OF THE MEETING

- Introduce Zitholele Consulting team members to residents of Khayaletu Village;
- Inform the residents regarding the need for - and status of the proposed development;
- Brief overview of the various sites investigated to date;
- Provide the Social Impact Assessment (SIA) Specialist an opportunity to obtain important and relevant information from the community to assess the possible social impact for inclusion in the SIA Report; and
- To record residents' comments/concerns and inputs raised at the meeting and invite them to become involved in the public participation process going forward.

### 4. PRESENTATION / INFORMATION SESSION

Tania Oosthuizen, Zitholele Consulting presented a background summary of the proposed project. The life of the Kendal Power Station (KPS) has been extended by approximately 40 years. The current ash facility can only be extended to accommodate another 10 years of ash approximately. An additional site is required to accommodate the remaining 30 years of ash disposal that will be produced by the KPS, approximately 30 years.

The attendees were informed that Zitholele Consulting has been appointed by Eskom Holdings SOC Ltd (Eskom) as the independent environmental consultants to undertake the environmental studies for the proposed new "30 year" Ash Disposal Facility (ADF). The environmental studies do not only consist of the impact on animals and plants, but also on humans.

By making use of a colour project locality map, the four (4) site alternatives assessed were pointed out in relation to where the community is based. Tania Oosthuizen pointed out that the required site needs to be a minimum of 400ha in size and must be within 10km of the KPS. Mining rights have been identified on three of the four alternative sites but not on Site H. Therefore, Site H is the most preferred site from that point of view. Should Site H go forward as the most preferred site, the Khayaletu Village will be affected. Tania Oosthuizen pointed out that Eyethu Coal / Kusile Mining have put in an application for a mining right in this area. Should the mine be approved by the authorities, they will have to relocate this community.

This meeting forms part of the public participation process and through this process we are identifying possibly affected communities and sensitive areas that needs to be taken into consideration in deciding which site will have the least impact on the environment.

Zitholele Consulting is not yet in a position to say that Site H is the best site when it comes to the environmental impacts, as we are still undertaking studies. However, should Site H be selected as the preferred site, it would affect the community (if they are not being moved as part of the mining project) and Zitholele Consulting would like to hear what the community's concern(s) are in terms of this ADF in close proximity as they will then be affected by it.

The residents were also informed that the Social Specialists, Ilse and San-Marie Aucamp, are present to obtain information from them, to assess their current social environment, and the

potential impact that the proposed new ADF will have on them. This information will enable them to submit recommendations in their Social Report.

***The two maps presented at the meeting are attached as Appendix B***

## 5. DISCUSSIONS

- 5.1. Richard Mafuwane, Resident, Khayaletu Village: Informed the project team that “people” from Eyethu Coal / Kusile Mining spoke to them once about a new mine but they had never received any further feedback on whether the project is going ahead or whether they will have to be relocated.

Tania Oosthuizen, Zitholele Consulting: This information will be forwarded to Geovicon, the environmental consultants appointed by Eyethu Coal / Kusile Mining to conduct the Environmental Impact Assessment (EIA) for the newly proposed coal mine.

### **Post-meeting note:**

E-mail was sent to Geovicon on 15 January 2015 informing them of the Community’s concern that they have not received any further feedback regarding the EIA and Mining Right Application. Copy of this e-mail will be included in the Public Participation Appendices of the DEIR.

- 5.2 Siphwe Nkala, Resident, Khayaletu Village: Will the residents need to be relocated for this proposed project.

Tania Oosthuizen: There is no need, at this stage, that the residents of Khayaletu Village will need to be relocated in terms of this proposed project. However, the project team is aware of the Mining Right Application process that was initiated by Eyethu Coal / Kusile Mining. The Environmental Authorisation was issued to them, but as far as Zitholele is aware, they have not yet obtained their Mining Right.

- 5.3 Eric Makhubu, Resident, Khayaletu Village: Is Zitholele Consulting independent?

Tania Oosthuizen: It can be confirmed that Zitholele Consulting is independent as well as all the environmental specialists appointed to undertake the various environmental studies for this proposed project.

- 5.4 Elli Maseko and Sipho Kabini, Residents, Khayaletu Village: We have been dumped here some years ago and what is now going to happen to us?

Tania Oosthuizen: If Site H, as presented earlier, is the preferred site for this proposed project, and the proposed mine is not going ahead, then there will be a need to relocate the residents of Khayaletu Village. Should this be the case then Eskom will be in contact with the residents long before relocation will take place. It should be noted that the construction of the Kendal 30 year ADF project will only start between 2020 and 2025.

Khayaletu Community Members: The project team was informed that they have been moved to the Village sometime between 2006 and 2008 but the consensus was reached that it was around 2008. The move was initiated and executed by Homeland Mining & Energy SA (Pty) Ltd (Homeland). To date they have not received any information or visits from Homeland regarding the maintenance of their infrastructure.

Geovicon visited them once to inform them of the proposed mining application but they have not received any further information or feedback regarding the proposed Heuvelfontein Colliery project.

- 5.5 Richard Mafuwane: Will dust be settling on their houses from the new ash dump?

Tania Oosthuizen: At this stage, we cannot yet undertake air quality modelling to see how far the dust plume will extend, as we are waiting for the design of the Site H footprint to be finalised. Once finalised, the Air Quality Specialists will use the design as well as the local meteorological conditions to model the dust plume. However, if the villagers are already experiencing dust impacts from the existing ADF, then it can be assumed that this will continue or worsen, as Site H will be closer to the Village than the existing ADF.

- 5.6 Dumisane Motha , Resident, Khayaletu Village: Requested the public participation team that should the youth need to be approach, that Mr Bongani Mafuwane is their contact person.

Bongani Dlamini, Zitholele Consulting: Acknowledges the information and confirm that Tricia Njapha will be in contact with Mr Bongani Mafuwane, as and when required.

- 5.7 Richard Mafuwane: Express his confusion regarding the relocation discussions and ask whether Eyethu Coal / Kusile Mining will be relocating them or will Eskom?

Tania Oosthuizen: Zitholele Consulting is also uncertain about the plans of the mine project. However, should the mining go ahead, then the Mine will have to relocate the residents of Khayaletu Village. As previously mentioned (*refer to point 5.5 above*).

- 5.8 Dumisane Motha: Expressed his concern regarding the fact that updated information regarding projects takes forever to reach them, if at all, and referred to the process followed for the Kusile Project. He requested that monthly feedback regarding the proposed Kendal 30Year ADF project i.e. what is happening, meetings taking place, etc be communicated to them.

Tania Oosthuizen: Tricia Njapha from Zitholele Consulting will send monthly updated feedback to Mr Motha. Should there be no new / updated information regarding the proposed project, this will also be communicated to him on a monthly basis.

Nicolene Venter, Zitholele Consulting: Confirmation was requested that when information is provided to Mr Motha on a monthly basis, that he will inform all the residents at Khayaletu Village of the information received from Tricia Njapha.

Mr Motha confirms that he will do so.

**Post-meeting note:**

Tricia Njapha introduced herself to Mr Motha the first week of December 2014 and confirmed that she will provide information to him on a monthly basis. Although there was no updated project information, she SMS Mr Motha on Monday 05 January 2015, followed by a telephone call informing him that the public participation practitioners will be in the area but will not be meeting him as there is no new information to be shared.

- 5.9 Eric Makupe, Resident, Khayaletu Village: If the project goes ahead and Site H is the preferred site, what benefit will there be to the children of their community?

Tania Oosthuizen: From what I understand from the engineers on the project is that there will not be many jobs created by the project. This project is unlike a mine, it works with little human intervention. The exact employment figures is not yet available and will be available in the EIA Report.

- 5.10 Philip Jini, Resident, Khayaletu Village: What is the timeframe for the EIA process and asked whether they can stay in their houses until 2025?

Tania Oosthuizen: It is planned that the EIA process for the Kendal 30 year ADF will be completed by mid-2015 (June / July 2015). Then, the EIA will be submitted to the authorities for decision making which could add a year or more to the timeline. Should the project be approved, construction will start between 2020 and 2025. Should site H be selected and the

residents not be moved as part of the mining project, they should be able to remain where they are until that time. However, Zitholele is not resettlement consultants. Should there be a need to undertake a resettlement project, Eskom will appoint suitable consultants.

- 5.11 Tania Oosthuizen: Are there any graves in close proximity to Khayaletu Village that the residents are aware of?

Richard Mafuwane: There are a number of graves in the area and this question was also asked by the Mine. He confirmed that the Heritage Specialist appointed by Zitholele has visited them as part of his study.

- 5.12 Dumisane Motha: Requested whether the social report can be made available to them and translated into Zulu.

Ilze Aucamp, Social Impact Assessment Specialist, Equispectives Research and Consulting Services: Confirmed that the Report will be made available.

Nicolene Venter: The request for the Report to be translated will be submitted to Eskom. It was agreed that only the executive summary of the Report will be translated and not the full Report.

Tania Oosthuizen: For clarification purposes, the social studies undertaken for this propose project is done independently and on behalf of Eskom. The Mine (Eyethu Coal) has their own environmental team and it is believed that they have done a social study. If the Mine is planning to relocate the Khayaletu Villagers, it should be documented by their Social and Resettlement Specialists. The SIA Report that Equispectives Research and Consulting Services are doing for the Kendal 30 Year ADF project will focus on the social impacts that the Kendal 30 year ADF project could have on the social environment, which includes Khayaletu Village.

- 5.13 Liston Malatji, Resident, Khayaletu Village: They are experiencing problems with their water supply.

Tania Oosthuizen: As this problem does not form part of the EIA currently being conducted, Zitholele Consulting will forward this comment to Homeland Mining & Energy SA (Pty) Ltd.

**Post-meeting note:**

Mr Malatji's problem with the water supply was e-mailed to Homeland Mining & Energy SA (Pty) Ltd on Wednesday, 21 January 2015. Copy of this e-mail will be included in the Public Participation Appendices of the DEIR.

- 5.14 Dumisane Motha: The project team was informed that they do not know who their Councillor is so that they can report service delivery problems to the Councillor.

Tania Oosthuizen: Tricia Njapha will forward the Councillor's details to Mr Mafuwane.

**Post-meeting note:**

The requested information was provided to Mr Motha on Friday 09 January 2015 by telephone and a sms.

**Note:**

The questions asked by the SIA Specialists and those of the residents in terms of the social impacts related to this project has not been captured in these minutes as it will form part of the Social Impact Assessment Report.

**5. Closure and Way Forward**

Tania Oosthuizen presented the project time lines as follows:

- The construction of the Kendal 30 year ADF will only start from between 2020 and 2025. For now Zitholele is working on the environmental studies and engineering designs;
- Once more information is available on the site selection / preferred site, further consultation will be undertaken with the community;
- Nicolene Venter indicated that Tricia Njapha will be the contact person from Zitholele for the community to submit their questions and comments. Tricia will send her contact details to Dumisane Motha

Nicolene Venter officially closed the meeting at 13h15 by thanking the residents of Khayaletu Village for their attendance and their fruitful participation.

**DATE:**

**SIGNATURE:**

**ZITHOLELE CONSULTING**

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## **LANDOWNER(S)/OCCUPANT(S) NOTIFICATION AND CONSULTATION REPORT**

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### **1 PUBLIC PARTICIPATION FACT FINDING TRUTHING / CONFIRMATION OF SENSITIVE RECEPTORS**

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As landowners and community dynamics changes during an Environmental Impact Assessment (EIA) process, especially due to the time frame of an EIA process such as this, the Public Participation (PP) team, as best practice, conducted a ground truthing and consultation process on Tuesday, 06 January 2015.

The approach of visiting any potentially affected landowner(s), occupants, person(s) in control of the land and community members was to confirm and obtain an understanding of these potentially affected parties and to set the basis for future consultation required for the EIA process.

Much of the consultation was conducted in Zulu which is the preferred local language spoken amongst the community members.

The PP ground truthing was conducted within a 1km buffer from Site H and during the ground truthing the people the team met with were informed of the proposed project by providing them the following brief background:

The current Ash Disposal Facility (ADF) at Kendal Power Station is running out of capacity due to high ash volumes being produced. In addition to that, the lifespan of Kendal Power Station has been extended to 2053, and the current ADF can only be extended by approximately ten years. As a result, it has become necessary for the power station to seek a preferred location for a new ADF for the remaining 30 years of life (approximately) in order to continue production and providing electricity through to 2053. Various sites were identified and through a rigorous selection process, Site H has been identified as one of the preferred site for the new ADF.

A PP ground truthing photo report is attached as Appendix A which includes co-ordinates of the various communities consulted and infrastructures within the 1km ground truthing buffer. An attendance register was also completed by those people that the team consulted with and acts as a *record of consultation* and is attached as Appendix B. For easy reference, Appendix C is an aerial map with hand written notes indicating the location of the various communities within the 1km PP ground truthing buffer that was marked up during the day of consultation.

Below is a summary of the consultation process that was conducted.

**Integrated Environmental Authorisation (Environmental Impact Assessment, Waste Management License and Water Use License Applications): Proposed New 30 Year Ash Disposal Facility and Associated Infrastructure at Kendal Power Station**

**Visitation date: Tuesday, 06 January 2015**

**1.1 WESCOAL MINING**

Although Wescoal Mining's (Wescoal) offices situated at "El Toro" (previous landmark in the study area) falls outside the 1km PP ground truthing buffer, the team visited the offices of Wescoal from which the Khanyisa and Intibane Colliery are managed. The following is a summary of information received during this discussion:

- The temporary office buildings in which Wescoal is housed belongs to the Just Coal Group of Companies (Pty) Ltd
- Coal mined at Khanyisa & Intibane Collieries are transported by trucks to Arbor Siding and from there transported by rail to i.e. Majuba Power Station.
- Wescoal does not employ staff members for the collieries, this is outsourced to contractors.
- Some of the people working at the collieries mentioned above reside at Olympic (Kendal) and Makhosi Communities.
- Wescoal's outsourced Social & Labour Plan (SLP) Community Representative is Mr Lesley Dhakathi (on site Coordinator) and Ms Thuli Makhubedu (SLP Manager) and they liaise on a regular basis with the Olympic (Kendal) and Arbor Community Forums.



**Figure 1: Entrance to Wescoal's Offices, Kendal**



## **1.2 MAKHOSI COMMUNITY**

### **1.2.1 Northern Entrance to Makhosi Village**

The houses (referred to as “Blue Houses”), although distanced from the community form part of Makhosi Community as confirmed by Mrs Mavis Giyane (resident on the property) and Mrs Mambane (business woman). On arrival, no adults were at home to consult with. The children with whom we spoke confirmed that their parents are the occupants of one of the houses. Their parents are Mr Walter Giyane, Ms Mavis Giyane and Mrs Selena Giyane (one family).

They also informed the team that their parents work in Witbank and Kendal. Their names and contact details were provided and will be added to the project database.



**Figure 2: “Blue Houses” of the Makhosi Community**



**Figure 3: The Giyane Family Children**

### **1.2.2 Makhosi Village**

The team met with Mrs Mambane, a resident and business woman at Makhosi Village. She informed the team that she takes note of the information presented and said that the team must liaise with Mr Chris Menzi. Subsequent to our consultation with Mrs Mambane, Mr Sergeant Mkhathshwa (Kendal Police Forum (KPF) Chairperson) called Zitholele Consulting on Wednesday, 07 January 2015 and informed us that he is the correct contact person to liaise with regarding matters affecting the Makhosi community. The Makhosi community consists of approximately 200 to 250 houses of which some are formal and others informal structures.

**Integrated Environmental Authorisation (Environmental Impact Assessment, Waste Management License and Water Use License Applications): Proposed New 30 Year Ash Disposal Facility and Associated Infrastructure at Kendal Power Station**

Visitation date: Tuesday, 06 January 2015



**Figure 4: Entrance to Makhosi Tavern**



**Figure 5: Discussions with Mrs MameMambane**

**1.3 OLYMPIC COMMUNITY**

Situated south of the Old Ogies Road (R555) and west of the R545 intersection, this community has an estimated 60 – 80 houses, also consisting of formal and informal structures. Consultation took place with Ms Nompumelelo Mlangeni who is a member of the KPF. She also informed the team to also consult with Mr Chris Menzi who is also a member of the KPF. Upon enquiry from the team she informed us that the Transnet houses adjacent to their community are still owned by Transnet. Please refer to Appendix C for the location of the Transnet houses.



**Figure 6: Olympic Community**



**Figure 7: Mrs Nompumelelo Mlangeni & Mother - Olympic Community**



**Figure 8: Transnet houses (south of Old Ogies Road (R555) and railway line)**

#### **1.4 MR HARRY VAN BILJON (OCCUPIER ON THE FARM SCHOONGEZICHT 125, PORTION 20)**

It needs to be noted that the farm on which Mr Van Biljon's house is situated is Heuvelfontein 215, Portion 20 and not on the farm Schoongezicht 218, as informed by Mr Van Biljon.

The team met with Mr Harry van Biljon and his wife, Mrs Maria van Biljon, at their residence and the following points were raised and discussed:

- Mr van Biljon's father owned 1 of 4 properties of the farm Heuvelfontein which are situated to the east of the R545 and south of the Old Ogies Road (R555) (refer to Figures 9 – 10 for other three properties)
- The other three farms were owned by the "Shill" family. Mr Van Biljon's father received "life interest" on the property on which the family currently resides (see Figures 11 & 12). His Father passed away in 1978.
- Mr Van Biljon informed the team that he and the Makhosi community had submitted a land claim for the properties on which the Makhosi community is located.



**Integrated Environmental Authorisation (Environmental Impact Assessment, Waste Management License and Water Use License Applications): Proposed New 30 Year Ash Disposal Facility and Associated Infrastructure at Kendal Power Station**

**Visitation date: Tuesday, 06 January 2015**

- It is Mr Van Biljon's intention to also lodge a land claim for the property mentioned to the team (Heuvelfontein 215, Portion 20).
- The team was also informed that many of the residents within Makhosi and Olympic settled there as a result of seeking work and over the years the extended families moved in and out. Most of the residents at Olympic are not from Kendal and mainly from KwaZulu-Natal and towns in Mpumalanga.



**Figure 9: Houses east of the R545 (near Kendal Power Station)**



**Figure 10: More houses east of the R545 (near Kendal Power Station)**



**Figure 11: Shop & Residence of the previous property owner, Mr Shill**



**Figure 12: Mr and Mrs Van Biljon's Residence (behind Mr Shill's shop & residence)**

**1.4.1 Mrs Louise Engelbrecht (Delta Crane & Plant Hire Property Resident)**

The team met with Mrs Louise Engelbrecht who informed the team that she and her husband occupy (renting) the residence on Delta Crane & Plant Hire's property (Heuvelfontein 215, Portion 66) and advised Zitholele to contact the owners, Mr Anton and Jenny van Dam.

**Integrated Environmental Authorisation (Environmental Impact Assessment, Waste Management License and Water Use License Applications): Proposed New 30 Year Ash Disposal Facility and Associated Infrastructure at Kendal Power Station**

**Visitation date: Tuesday, 06 January 2015**

No concerns were raised by Mrs Engelbrecht regarding the proposed ADF however, one comment that was made by Mrs Engelbrecht was that should no suitable site be found for the proposed new ADF, then the power station might need to close down and that will result in more load shedding.



**Figure 13: Entrance (on the left) to the residence of Mr & Mrs Engelbrecht and entrance to the right to warehouses of Delta Crane Hire**

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## **2 CONCLUSION**

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The PP ground truthing undertaken above served to consult with the various sensitive receptors i.e. communities, informal settlements, businesses and landowners who were not previously consulted with. The people that the team consulted with were informed of the proposed project and its potential environmental consequences associated with the development of the proposed new ADF.

During the PP ground truthing, the relevant representatives for the communities were identified and their contact details obtained. This will ensure that when the Draft Environmental Impact Assessment Report (DEIR) is available for public review and comment and the public meeting arrangements are undertaken, the team will have one communication entry to ensure that the information is disseminated to the community members and ensuring attendance at the public meeting(s) to be held.






The majority of I&APs who were consulted with raised comments which were not part of the Scope of Work, but rather, comments were mainly focused on their current poor living conditions of which the key points mentioned were that of:

- Electricity;
- Water; and
- Sanitation.

## PP Liaison/Consultation with IAP's within a 1km Radius of Site H Photos taken 06 January 2015



### Integrated Environmental Authorisation (Environmental Impact Assessment and Water Use License Application) for the Proposed 30 Year Ash Disposal Facility at Kendal Power Station

(DEA REF NO: 14/12/16/3/3/3/63)


No	Co-ordinates	Notes
1	Co-ordinates: S 26 02 30.3/E 028 57 5107	Landowner: Simon & Miems Duvenage Kendal Forest Small Holdings
 <p data-bbox="73 931 783 960">Figure 1: Entrance to Simon &amp; Miems Duvenage's Small Holding</p>		
2	Co-ordinates: S 26 03 28.9/E028 58 02.7	Blue Houses - Giyane Family Children
 <p data-bbox="309 1462 552 1491">Figure 2: Blue Houses</p>  <p data-bbox="1054 1462 1297 1491">Figure 3: Blue Houses</p>		
 <p data-bbox="309 1892 552 1921">Figure 4: Blue Houses</p>  <p data-bbox="1054 1892 1297 1921">Figure 5: Blue Houses</p>		



**PP Liaison/Consultation with IAP's within a 1km Radius of Site H  
Photos taken 06 January 2015**

No	Co-ordinates	Notes
	 <p align="center"><b>Figure 6: Blue Houses</b></p>	 <p align="center"><b>Figure 7: Blue Houses</b></p>

3	Co-ordinates: S 26 03 37.4/E028 58 08.8	Tavern at Makhosi Village run by Mrs Mamebane
 <p align="center"><b>Figure 8: Mrs Mamebane's Tavern</b></p>	 <p align="center"><b>Figure 9: Members of Mrs Mamebane's family at the Tavern</b></p>	
 <p align="center"><b>Figure 10: Entrance to Mrs Mamebane's Tavern</b></p>	 <p align="center"><b>Figure 11: Entrance to Mrs Mamebane's Tavern</b></p>	

4	Co-ordinates: S 26 03 43.7/E 028 58 07.2	Maytex Kenmay Trading off Old Ogies (R555)
 <p align="center"><b>Figure 12: Maytex Kenmay Trading off Old Pretoria</b></p>		

**PP Liaison/Consultation with IAP's within a 1km Radius of Site H  
Photos taken 06 January 2015**

No	Co-ordinates	Notes
5	Co-ordinates: S 26 03 44.1/E 028 58 10.3 Co-ordinates: S 26 03 44.0/E 028 58 09.1	Access Road from Old Ogies Road (R555) Facing Entrance to Makhosi Community from Old Ogies Road



**Figure 13: Access Road from Old Ogies**



**Figure 14: Entrance to Access Road from Old Ogies**

6	Co-ordinates: S 26 04 50.9/E 028 58 31.3	Olympic Community
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**Figure 15: Nompumelelo Mlangeni with her Mother**



**Figure 16: Nompumelelo Mlangeni with her Mother**



**Figure 17: Residential Houses**





**Figure 18: Empty Warehouse**











**PP Liaison/Consultation with IAP's within a 1km Radius of Site H  
Photos taken 06 January 2015**

No	Co-ordinates	Notes
	 <p>Figure 19: Supermarket Cafe</p>	 <p>Figure 20: Tuck Shop</p>
	 <p>Figure 21: Behind Tuck Shop Opposite Railway</p>	 <p>Figure 22: Supermarket &amp; Restaurant</p>
	 <p>Figure 23: After Supermarket &amp; Restaurant</p>	




7	Co-ordinates: S 26 03 14.3/E 028 57 03.5	Olympic community north of Old Ogies Road (R555)
 <p>Figure 24: Houses Across from Old Transnet Houses</p>		 <p>Figure 25: Houses Across from Old Transnet Houses</p>

**PP Liaison/Consultation with IAP's within a 1km Radius of Site H  
Photos taken 06 January 2015**

No	Co-ordinates	Notes
	 <p data-bbox="140 667 719 689"><b>Figure 26: Houses Across from Old Transnet Houses</b></p>	 <p data-bbox="885 667 1465 689"><b>Figure 27: Houses Across from Old Transnet Houses</b></p>
	 <p data-bbox="81 1084 778 1137"><b>Figure 28: Community member from across from Old Transnet Houses</b></p>	 <p data-bbox="826 1084 1524 1137"><b>Figure 29: Community member from across from Old Transnet Houses and her family</b></p>
8	Co-ordinates: S 26 03 11.0/E 028 57 29.9	Community Soccer Field Behind Supermarket & Restaurant
	 <p data-bbox="108 1630 751 1653"><b>Figure 30: Soccer Field Behind Supermarket &amp; Restaurant</b></p>	 <p data-bbox="853 1630 1497 1653"><b>Figure 31: Soccer Field Behind Supermarket &amp; Restaurant</b></p>
9	Co-ordinates: S 26 03 11.0/E 028 57 29.9	Olympic Community north of Old Ogies Road (R555)
	 <p data-bbox="140 2116 719 2141"><b>Figure 32: Residents north of Old Ogies Road (R555)</b></p>	 <p data-bbox="885 2116 1465 2141"><b>Figure 33: Residents north of Old Ogies Road (R555)</b></p>



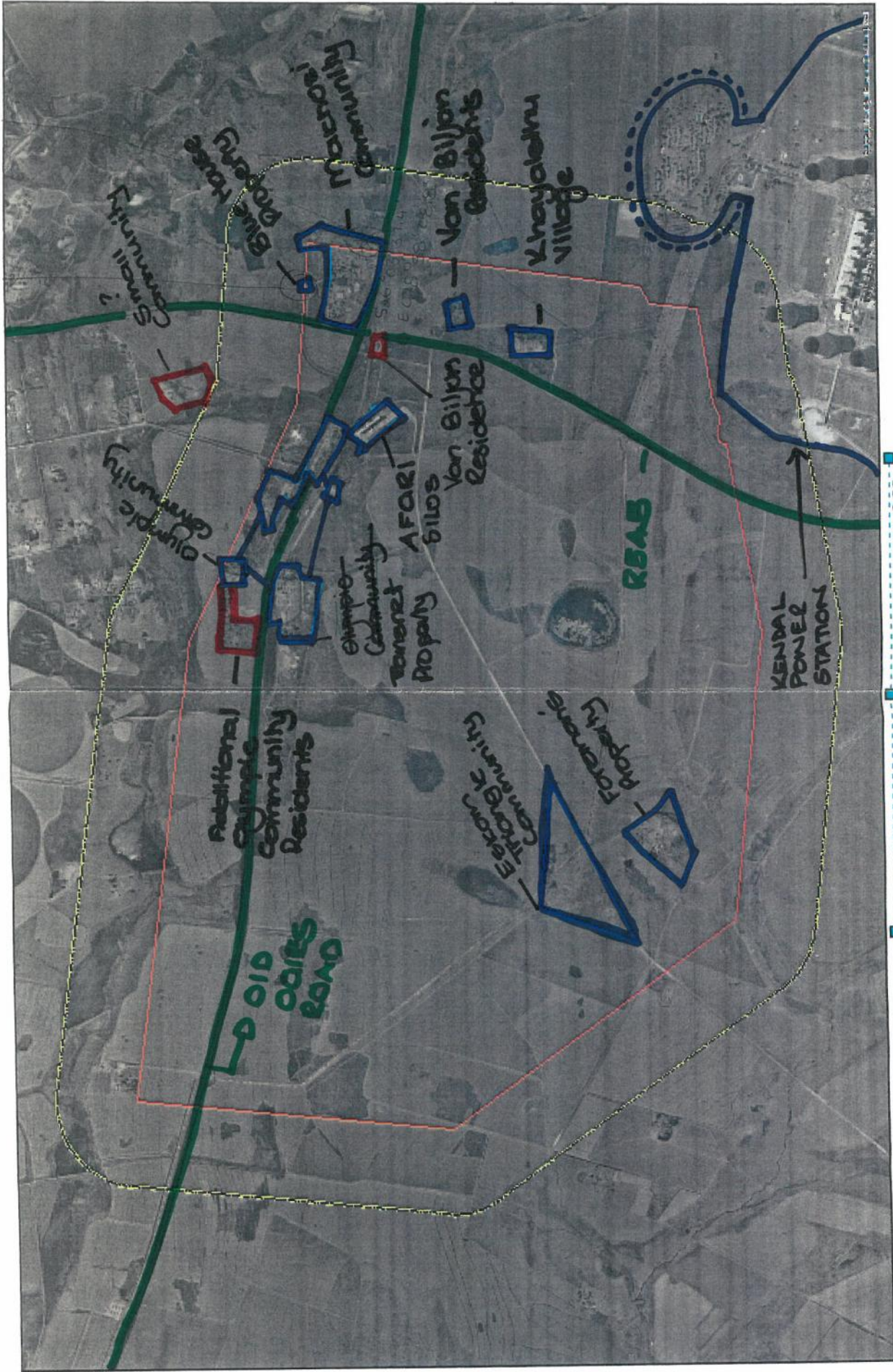
**PP Liaison/Consultation with IAP's within a 1km Radius of Site H  
Photos taken 06 January 2015**

No	Co-ordinates	Notes
10	Co-ordinates: S 26 06 29.8/E 028 59 22.5	Abandoned House of Mr Shill (previous owner)
 <p data-bbox="124 741 735 770"><b>Figure 34: Side view of Mr Shill's abandoned residence</b></p>		 <p data-bbox="863 741 1485 770"><b>Figure 35: Front view of Mr Shill's abandoned residence</b></p>
11	Co-ordinates: S 26 03 43.9/E 028 57 51.7	Mr Van Biljon's residence
 <p data-bbox="252 1274 608 1303"><b>Figure 36: Van Biljon Residence</b></p>		 <p data-bbox="997 1274 1353 1303"><b>Figure 37: Van Biljon Residence</b></p>
12	Co-ordinates: S 26 03 40.75/E 028 57 58.32	Signage outside Delta Entrance & Residence
 <p data-bbox="124 1794 735 1823"><b>Figure 38: Signage outside Delta Entrance &amp; Residence</b></p>		

**PP Liaison/Consultation with IAP's within a 1km Radius of Site H  
Photos taken 06 January 2015**

No	Co-ordinates	Notes
13	Co-ordinates: S 26 03 21.5/E 028 57 03.4	Old Transnet Houses
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p><b>Figure 39: Transnet Houses with view of Cooling Towers</b></p> </div> <div style="text-align: center;">  <p><b>Figure 40: Old Transnet Houses</b></p> </div> </div>		
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p><b>Figure 41: Old Transnet Houses</b></p> </div> <div style="text-align: center;">  <p><b>Figure 42: Area Opposite Old Transnet Houses</b></p> </div> </div>		





Small Community?

Blue House Property

Marcel Community

Van Biljon Residents

Khayalethu Village

Van Biljon Residence

AFORI Bilos

Olympic Community

Eskom Property

Additional Olympic Community Residents

Eskom Property

Eskom Property

KENDAL POWER STATION

REAS

OLD COAKS ROAD



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## **I&AP CONSULTATION REPORT**

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### **1 MEETING WITH THE KENDAL POLICING COMMUNITY (KCPF) AND EMALAHLENI LOCAL MUNICIPALITY WARD COUNCILLORS FOR WARDS 28 AND 30 AND COOPERATIVE GOVERNANCE TRADITIONAL AFFAIRS (COGTA) REPRESENTATIVE**

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This consultation with the Kendal Policing Community Forum (KCPF), Emalahleni Local Municipality Councillors for Wards 28 (Thabiso Gwambe) and 30 (Chris Mkhabela) and the representative of the Co-operative Governance Traditional Affairs (COGTA) was held as a follow up to the initial Public Participation (PP) which was carried out on Thursday, 15 January 2015 with communities/landowners/occupants surrounding the proposed project area at Site H.

The purpose for the consultation with these three groups of stakeholders was to:

- Inform them about the proposed project for information dissemination to the communities within the project's 1km buffer from Site H;
- To get a better understanding of the history behind the establishment of the communities;
- The reason behind residents' occupancy on the properties and;
- To confirm the landowners of occupied and unoccupied properties located on the land.

As per previous consultation with members of the community, all of the communication was conducted in their preferred spoken language. Consultation with the ward councillors was a combination of both IsiZulu and English.

In our consultation regarding the proposed New 30 Year Ash Disposal Facility (ADF) and Associated Infrastructure at Kendal Power Station, we provided the following brief background information:

The current ADF at Kendal Power Station is running out of capacity due to high ash volumes being produced. In addition to that, the lifespan of Kendal Power Station has been extended to 2053. As a result, it has become necessary for the power station to seek a preferred location for a new ADF hence continuing production and providing electricity through to 2053. Various sites were identified and through a rigorous selection process, Site H has been identified as one of the preferred sites for the new ADF.

Below is a summary of the consultation process that was conducted.

## **1.1 KENDAL COMMUNITY POLICING FORUM (KCPF)**

KCPF is a Non-Profit Organisation (NPO) which acts as an organ of representation for the neighbouring communities, mainly Makhosi Community and Olympic Community and then another nearby surrounding community, Khayaletu Village.

Some factors about the KCPF:

- The KCPF currently comprises of a total of 11 members
- They act as representatives for the communities mentioned above
- Some of the members have jobs (permanent and casual jobs) within Kendal and surrounding areas
- All the members reside in Kendal
- It cannot be confirmed that all the KCPF members are landowners as most of the land housing the Makhosi Village is private property and most of the land housing the Olympic community belongs to Transnet

Most of the discussions and issues brought up by the members of KCPF had to do with the possibility of resettlement. The members were concerned about the communities' livelihoods and state of progress with their place of residency in terms of provision of water and electricity on their property and building more rooms in order to accommodate occupants.

The following comments / concerns were raised:

- Air Pollution
- The controlled buffer distance away from the proposed ADF footprint
- The remaining lifespan of the current ADF
- Jobs
- Electricity, water and sanitation
- Limitation / prevention of extension to their houses
- Livestock
- Follow up meetings
- Gravesites

Two main observations from the consultation with the KCPF regarding Eskom's communication with them were:

- the comment was made that there is not enough communication from Eskom/Kendal Power Station with them (KCPF, Olympic and Makhosi Communities) as with the Eskom Triangle Community; and
- they are unhappy about the fact that areas like Arden/Dryden are supplied with water and electricity (even though they fall under a different municipality) whereas they are not supplied with water and electricity.



**Integrated Environmental Authorisation (Environmental Impact Assessment, Waste Management License and Water Use License Applications): Proposed New 30 Year Ash Disposal Facility and Associated Infrastructure at Kendal Power Station**

**Visitation date: Thursday, 15 January 2015**



**Figures 1 - 4: Meeting with Kendal Community Policing Forum (KCPF) in Kendal (Olympic Community)**

**1.2 WARD COUNCILLORS & COGTA MEMBER**

**1.2.1 Ward Councillors (Ward 28 and 30) & COGTA member**

We met with the ward councillors of Ward 28 (Thabiso Gwambe) and the ward councillor of Ward 30 (Chris Mkhabela) and a member of COGTA (Sibongile Mabona) at the eMalahleni Local Municipality Office, Phola.

The attendees were informed regarding the background to the proposed project, obtain any comments and/or concerns that they may have regarding the proposed project. The team also made use of the opportunity to obtain information as to how the communities, now referred to as Makhosi and Olympic, was originally established.



**Integrated Environmental Authorisation (Environmental Impact Assessment, Waste Management License and Water Use License Applications): Proposed New 30 Year Ash Disposal Facility and Associated Infrastructure at Kendal Power Station**

**Visitation date: Thursday, 15 January 2015**

In assisting the team to establish ownership of the land upon which the Makhosi community is established, Cllrs Chris Makhabela and Thabiso Gwambe introduced the team to Mr Bheki Mlotja, an Official from the Landscaping Department for assistance regarding the registered landowners' information. The team was provided only with a map which, unfortunately, was not legible and not of much use to the team. No hard copy or electronic information which contained the contact details of the registered landowners could be provided. The team was requested to contact the Surveyor General (SG) Department at eMahleleni Municipality.

This meeting was more of a fact-finding purpose of which we were unable to get many answers during our consultation.

A summary of the issues which came out of the consultation process with the ward councillors and COGTA member were as follows:

- Some of the community members have no IDs
- Most of the community members are occupying residency on property illegally
- Some of the community members are illegal immigrants
- There is some friction within certain groups in the communities as well as segregation between them
- The municipality (ward councillors) have had a tough time trying to contain the communities and bring about some order

It needs to be noted that the team informed the ward councillors that during the Draft Environmental Impact Assessment Report (DEIR) review period, a public meeting will be held and that the public meeting will cover the proposed project, as presented to them. The public meeting will not be able to accommodate any current issues between the community members and eMahlaleni Local Municipality/ Eskom / Transnet.

Figure 5 is an illustration of our meeting at eMalahleni Local Municipality offices in Phola.



**Figure 5: Meeting with eMalahleni Local Municipality ward councillors (Wards 28 & 30) & COGTA Member**

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**2 CONCLUSION**

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The team is pleased with the outcome of the meetings in terms of attaining a better understanding of the Makhosi and Olympic Communities. This is despite the fact that some critical information which we require from the eMalahleni Local Municipality such as the rightful property/landowners of the properties occupied by the community members (particularly the Makhosi Community) could not be provided.

**INTEGRATED ENVIRONMENTAL AUTHORISATION & WATER USE LICENSE  
APPLICATION FOR THE PROPOSED 30 YEAR ASH DISPOSAL FACILITY AT KENDAL  
POWER STATION**

DEA REF NO: 14/12/16/3/3/3/63

**MEETING WITH FERRET COAL**

Thursday, 12 February 2015, 10h00

Ferret Coal Offices

**List of abbreviations:**

ADF	Ash Disposal Facility	EAP	Environmental Assessment Practitioner
DMR	Department of Mineral Resources		

**1. ATTENDEES**

The following people attended the meeting:

Present	
Tania Oosthuizen (TO)	Zitholele Consulting
Emmy Molepo (EM)	Eskom
P Norman (PM)	Ferret Mine
Eddie Seitei (ES)	Eskom
Martin Bartle (MB)	Joe Singh Group + Kusile Mining

**2. INTRODUCTION AND PURPOSE OF MEETING**

TO introduced herself and explained that Zitholele Consulting has been appointed by Eskom as the independent Environmental Assessment Practitioner (EAP) for the proposed Kendal 30 year Ash Disposal Facility (ADF) Project.

She explained that the purpose of the meeting was to consult with Ferret Coal as part of the public participation process as they are one of the affected landowners. TO showed MB on the maps provided where the Ferret Coal property is in relation to the Kendal 30 year Site H alternative. The farm portion which Ferret Coal owns is Heuvelfontein 215 IR portion 20.

**3. BACKGROUND ON KENDAL 30 YEAR PROJECT AND DISCUSSIONS**

Tania Oosthuizen (TO) explained that Site H was reintroduced as an alternative to the proposed project and is being looked at in detail now. Is it the site alternative closest to the Kendal Power Station. There is a property (Heuvelfontein Portion 20) owned by Ferret Coal which will be affected by Site H if chosen.

MB explained that Ferret Coal is now owned by Joe Singh Group. The Joe Singh Group also owns 51% of Kusile Mining.

A new mine, the Heuwelfontein Colliery is being proposed by Kusile Mining on this property, but on the western side of the R545. Zitholele and Eskom have been engaging with Mike Elliot from Eyethu Coal and Claude Haven from Kusile Mining about this. Kusile Mining do not object to the placement of the Kendal 30 year ADF on Site H. TO referred to the letter received from Kusile Mining in this regard. MB asked that this letter be sent to him. MB indicated that the letter was done before the Joe Singh Group had taken over Kusile Mining as Kusile Mining was bought in October/November 2014.

MB asked if Eskom wants to buy the land from Joe Singh Group. TO responded to say that if Site H is found to be the most feasible alternative, then Eskom will start engaging with the Joe Singh group for the piece of property affected.

MB requested the meeting attendees to take a drive out to the site to get a better understanding of the land and what is being proposed. On the site visit the area was pointed out to MB. EM also showed him where the Khayaletu Village is located which Kusile Mining will have to relocate as part of their Heuwelfontein mining project. MB confirmed that a mining right application was lodged, but not yet granted by the Department of Mineral Resources (DMR).

### **3. CLOSURE**

TO confirmed that going forward, MB is the correct person to talk to from Ferret Coal (or Joe Singh Group). MB agreed to provide his feedback. The meeting was closed with thanks.

**DATE:** 23 February 2015

**SIGNATURE:** 

**ZITHOLELE CONSULTING**

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**INTEGRATED ENVIRONMENTAL ASSESSMENT (ENVIRONMENTAL IMPACT ASSESSMENT,  
WASTE MANAGEMENT LICENSE AND WATER USE LICENSE APPLICATIONS) FOR THE  
PROPOSED KENDAL 30-YEAR ASH DISPOSAL FACILITY, KENDAL POWER STATION**

**FINAL MINUTES OF MEETING HELD WITH TRANSNET FREIGHT RAIL  
(Property and Occupants Discussions)**

**Monday, 02 March 2015, Real Estate Management, Transnet Freight Rail  
Braamfontein**

Project No : 12935

**ACTION**

**1. Present**

***Eskom:***

Mrs Goody Ntuli, Land and Rights (GN)

Mr Edwin Seitei, Project Development Manager (ES)

***Transnet Freight Rail***

Ms Neo Mosebo (NM)

Mr Loveous Tampane (Teleconference) (LT)

***Zitholele Consulting***

Nicolene Venter, Snr Public Participation Practitioner (NV)

**2. Apologies**

Ms Emmy Molepo, Sustainable Division: EIA COE, Eskom

Mrs Tania Oosthuizen, Environmental Assessment Practitioner, Zitholele consulting

**3. Welcome, introduction and purpose of the meeting**

Nicolene Venter (NV), Zitholele Consulting, welcomed all present and requested that they introduce themselves and their responsibilities at the Company they represent.

It was agreed by all those present that this meeting will be referred to as an *introduction* meeting to the proposed project, including land utilisation discussions, as Transnet Freight Rail was not yet fully informed regarding the proposed project. NV informed the attendees that Mr Tampane (LT) and Mr Ndivhuwo Netshilaphala, Environmental Manager, Transnet Freight Rail received all the relevant project information prior to the meeting.

The purpose of the meeting was to present the Environmental Impact Assessment process for the proposed Kendal 30 Year Ash Disposal Facility (ADF), the Transnet properties identified and its close proximity to the proposed new ADF, and the occupants consulted with during the public participation community consultation process.

## ACTION

It also serves the purpose for Eskom and Transnet as State Own Entities (SOEs) to discuss the impact the occupants on Transnet's property have on the proposed new ADF project.

NV, by utilising the cadastral map indicating the subdivisions (portions) of the farm Heuvelfontein 215, pointed out the properties owned by Transnet and the established Transnet Houses. The Transnet properties are adjacent to the Old Ogies Road (R555) and Transnet's established houses are accessed from the gravel road (D1390) off the R545 (Balmoral-Ogies Road).

### 4. Discussion

4.1 LT reported that Transnet's fact finding mission established that the occupants on Transnet's property are illegal occupants/squatters. Transnet was not aware of any illegal occupants/squatter on their property or in the Transnet houses adjacent to the railway line.

4.2 NM informed Eskom that Transnet needs to honour their lease to their custodians (lessees) managing their siding.

NV responded that Transnet's siding is approximately 7km to 10km west down the Old Ogies Road. This information was confirmed by LT.

4.3 NM said that the Transnet houses are in the process of being sold and that this information regarding the status of this process will be confirmed. NM

4.4 GN enquired as to whether Transnet will be relocating the illegal occupants/squatters prior to Eskom's construction phase for the proposed new ADF.

NM responded that Transnet does not relocate any occupants from their properties, and that they liaise with the relevant Local Municipality to undertake the relocation of illegal occupants.

4.5 Transnet will further investigate as to: NM

- what is happening on their properties in that area (internal discussion and planning); and
- who is their existing custodians (leases)

4.6 Transnet requested a copy of the Air Quality modelling when completed. NV

4.7 Transnet requested a copy of the **Windeed** search which reflects only Transnet properties. NV

4.8 GN requested that Transnet reserve their properties for Eskom for possible future infrastructures that might be required to Kendal Power Station.

NM replied that information regarding Transnet's future planning for the area will be obtained and will share the information, once received, with Eskom. NM

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	<b>ACTION</b>
<b>5. Way Forward</b>	
5.1 All relevant project information to be forwarded to NM.	NV
5.2 Windeed information to be forwarded to NM.	NV
5.3 Transnet will be in discussion with eMalahleni Local Municipality regarding the relocation of the illegal occupants/squatters on their properties.	NM
5.4 Transnet will ensure that there are no illegal occupants on their property once construction starts for the new Kendal 30 Year ADFs.	NM
5.5 NM will brief Transnet's Environmental Manager regarding this proposed project and obtain his inputs.	NM

DATE: 07 May 2015

SIGNATURE:   
ZITHOLELE CONSULTING

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**INTEGRATED ENVIRONMENTAL ASSESSMENT (ENVIRONMENTAL IMPACT ASSESSMENT,  
WASTE MANAGEMENT LICENSE AND WATER USE LICENSE APPLICATIONS) FOR THE  
PROPOSED KENDAL 30-YEAR ASH DISPOSAL FACILITY, KENDAL POWER STATION**

**MINUTES OF MEETING HELD WITH TRANSNET PIPELINES**

**Thursday 12 March 2015, Zitholele Offices**

Project No : 12935

**ACTION**

**1. Present**

Mr Edwin Seitei (ES), Eskom  
Mr Lenny Govender (LG), Eskom  
Mr Maxwell Makhanya (MM), Eskom  
Mr Robert van Bulderen (RvB), Transnet  
Mr Nevin Rajasakran (NR), Zitholele  
Tania Oosthuizen (TO), Zitholele

**3. Welcome, introduction and background**

Tania Oosthuizen (TO) welcomed and introduced everyone and gave a background to the project. She explained that Zitholele Consulting is appointed by Eskom to undertake the Environmental Authorisation processes for the proposed Kendal 30 year Ash Disposal Facility (ADF) project.

**4. Site H Ash Disposal Site and Transnet Pipeline**

4.1 TO explained that Site H is one of the site alternatives for the Kendal 30 year ADF. She explained that Zitholele has undertaken a rigorous site selection process. The outcome of the process has revealed that Site H is the preferred site, as it is the site least affected by mining. It is also the site closest to the existing Kendal Power Station.

4.2 A map was provided (Appendix A to these minutes) which shows the Site H ADF as well as the Transnet 18" fuel pipeline. TO explained that the size of the ADF is such so as to accommodate 30 years of Ash. TO explained that there is obviously a conflict between the Transnet pipeline and the ADF. And, it is hoped that the discussion of the day would be to come up with a solution.

4.3 RvB asked whether the ADF could possibly be rotated 90 degrees to miss the pipeline. NR explained that there are various infrastructure which is prohibiting this, including large Transmission lines as well as the Kendal-Kusile pipeline to the South of the current Site H facility design.

**5.1. Engineering Design**

5.1 NR provided some details about the engineering design of the proposed ADF.



**ACTION**

He made reference to the design drawing (Appendix B to these minutes).

He explained that the maximum height of the ADF will be 75 m, and the footprint area will be about 400 ha. He explained that the ash will be transported by means of a conveyor belt. The ash will be deposited from a easterly to westerly direction. The total life of the facility is about 27 years. NR explained that construction will start in 2025. It will reach the servitude of the pipeline in 2044 (29 years from now).

- 5.2 The section of the pipeline which is covered by the proposed Site H ADF is 1.2 km long.

**6. Information about Transnet pipeline**

- 6.1 NR enquired about the life of the pipeline. RvB responded that the pipeline is 50 years old and still functioning well. He indicated that he was not aware of any plans to decommission it. RvB stated that they do a pigging survey on the pipeline every five years, and this hasn't shown any damage on the pipe as yet.
- 6.2 RvB indicated it is an 18" / 450 mm diameter pipeline that transports diesel. It is running at 5000 kpa at the moment. The line is coming from Secunda to the Kendal pump station, and from there it swings over to go to Jameson Park depot in Heidelberg.
- 6.3 RvB explained that there are a few changes that should be made on the drawing (aerial map, Appendix A). He explained these on the map. None of the changes which he pointed out were on the 18" pipeline that traverses the proposed Site H ADF site.
- 6.4 NR enquired whether the pipeline can be taken off line for a few weeks. RvB responded that it can only be taken offline for 2/3 days. He explained that if physical work have to be done on it, a bypass will be need to be built and will be taken out again when the work is completed.
- 6.5 LG asked whether it will be possible to perform hot taps on either side of the diversion and build a line across to reduce new pipeline tie-in time. RvB explained that it is possible, although the costs are very high.
- 6.6 RvB explained that the costs are \$100 000 per pipeline inch per km. RvB explained that there are also costs of buying the affected properties. NR explained that Eskom would have had to buy the properties from the private owners anyway. RvB also explained that a new servitude should then be negotiated for the new pipeline and existing drawings will need to be updated when approved by Transnet Engineering
- 6.7 RvB explained that the width of the servitude would have to be 9 m, unobstructed for maintenance access to the pipeline
- 6.8 RvB explained that the link will first have to be built. Then a stopple will be put in on either side, and shut off for two days. RvB explained that if the length of pipeline is longer than the original, then additional product in the pipeline will have to be bought from Transnet to make up for the new volume of the diversion. The pipes have to always be full. This is the way theft is picked up – if there is a drop in pressure.
- 6.9 RvB indicated that deviating the Transnet pipeline around the ADF is possible, but it is a long and costly process.
- 6.10 NR explained that another option would be to build a tunnel over the pipeline. RvB explained that there is a 120 m tunnel underneath the Vaal dam. It was agreed that this option would be much more expensive than diverting the pipeline.

**ACTION**

- 6.11 TO enquired about the bends / angles of the pipeline deviation. RvB indicated that it will require long radius bends. He also pointed out that the pressure will be good as it is very close to the depot. The pumps may have to be upgraded.
- 6.12 RvB explained that the Kusile pipeline goes underneath the 18" Transnet pipeline. The Transnet pipeline is at depth of between 1.5 – 2.5 metres..
- 6.13 NR pointed out that there are plans for a new coal mine (Kusile Mining: Heuvelfontein Colliery) to the east of the proposed Site H ADF. RvB indicated that he has not received any EIA to comment on or wayleaf from them. TO will send this information to RvB. He pointed out that the mining act says that no one is allowed to mine within 100m of the pipeline.

**7. Way forward**

- 7.1 It was agreed that NR will prepare a map with the proposed deviation and technical memorandum by 20 March 2015 and send this to Transnet Engineering for approval. RvB will send it to the head office in Durban.

**DATE: 25 March 2015**

**SIGNATURE:**

**ZITHOLELE CONSULTING**



## Zitholele Consulting

Reg. No. 2000/000392/07

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Ons Verw.: 12935-83-Let-001-Truter Boerdery

29 Junie 2016

Mnr Christie Truter  
Grondeienaar: o/a Heuvelfontein  
Posbus 621  
OGIES  
2230

**Vir Aandag:** Mnr Thys Marais

Beste Thys,

**GEÏNTEGREERDE OMGEWINGSMAGTIGING: OMGEWINGSIMPAKEVALUERING EN AANSOEK OM AFVALBESTUURS- EN WATERGEBRUIKLISENSIE VIR DIE VOORGESTELDE NUWE 30 JAAR ASVERWYDERINGSINSTALLASIE EN GEPAARDE INFRASTRUKTURE VIR KENDAL KRAGSTASIE (DO Verw: 14/12/16/3/3/3/68; NEAS Verw: DEA/EIA/0001624/2013)**

Graag maak ons van hierdie geleentheid gebruik om u te bedank vir die tyd wat u op Donderdag, 23 Junie 2016 aan ons afgestaan het om met u te ontmoet rakende die bogenoemde voorgestelde projek. Ons neem kennis dat u namens Mnr Christie Truter die vergadering bygewoon het.

Die doel van hierdie vergadering is dat die projekspan 'n geruime tyd gelede met Truter Boerdery gekonsulteer het en maak dus van hierdie geleentheid om Truter Boerdery op datum te bring van waar die projek tans is in die Omgewinginsimpakevaluering (OIE) proses.

Ter agtergrond het Mev Tania Oosthuizen, Projekbestuurder, die volgende ter tafel gestel:

- Die OIE vir die Kendal Deurlopende Asverwyderingsinstallasie is afgehandel en 'n Omgewingsmagtiging is toegestaan. Hierdie projek is om die onmiddellike situasie van Kendal Kragstasie se asverwydering aan te spreek.
- Die Kendal 30 Jaar Asverwydingsinstallasie waarvan die OIE tans in proses is, sal konstruksie, indien 'n Omgewingsmagtiging toegestaan word, eers in 2025 begin.
- Met die gebruik van die kaart wat aan u voorgelê is, is die volgende infrastrukture uitgewys wat van toepassing is op Terrein H (die voorgestelde asverwyderingsinstallasie), naamlik dat die:
  - rooi lyn dui die asfasiliteit se heining aan;
  - perslyn dui die voetspoor van die asfasiliteit aan; en
  - PCD (oranje en blou blokke) is die "pollution control dams" (besoedelingsbeheer damme).
- Dit was ook uitgewys dat die bestaande grondpad, D1390, herbelyng sal word om aan die suidekant (ligblou stippelyn) van Terrein H te gaan. Die afstand na herbelyning sal ongeveer 500m langer as die bestaande D1390 belyning wees.

- As gevolg van die ontwikkelings (hoofsaaklik mynbou) wat in die area plaasvind is Terrein H die enigste (en mees geskikste) terrein vir die voorgestelde asverwyderingsinstallasie en gepaardgaande infrastruktuur.
- Volgens inligting ingewin van verskeie partye, is daar tans geen mynregte geregistreer op Terrein H nie.
- In terme van die OIE proses is die beskikbaarstelling van die Konsep Omgewingsimpakverslag naby voltooiing en sal binnekort beskikbaar gestel word vir publieke insae en kommentaar. Tydens die oorsig periode sal daar publieke vergaderings gehou word en kommentaar op die Konsep Omgewingsimpakverslag ingewin word.
- Die omgewingstudies is nou afgehandel en soos die ontwerp op Terrein H ontwikkel het, het die vorm ietwat verander.

Die volgende punte was geopper en het deel uitgemaak van die vergadering:

- Die kaart wat voorgelê was tydens die vergadering sal opgedateer word om die herbelyning van die D1390 se gedeelte voor die Afgri-silos aan te dui.
- Dit is aan die projekspan uitgewys dat Terrein H se landbou potensiaal hoog is en dat die voorgestelde ontwikkeling voedselvoorsiening sal beperk.
- Dit was bevestig dat Truter Boerdery bewus is van die projek en het die deurlopende skriftelike kommunikasie vanaf die Publieke Deelnamekantoor ontvang.
- Dit was bevestig dat daar tot datum, geen grondeise op die eiendomme van Truter Boerdery is nie.

Neem asseblief kennis dat bogenoemde punte in die Kommentaar- en Kwessieverslag, wat deel van die Konsep Omgewingsimpakevalueringsverslag uitmaak, vervat sal word.

Indien enige van die bogenoemde punte nie korrek weergegee is nie, versoek ons u vriendelik om u insette skriftelik aan ons deur te gee sodat die nodige regstelling aangebring kan word.

Vriendelike groete



Nicolene Venter  
Snr Publieke Deelnamekonsultant  
**ZITHOLELE CONSULTING (PTY) LTD**

**Bylaag A:** Kaart van Terrein H

## Zitholele Consulting

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Ons Verw.: 12935-83-Let-001-Torero Investment

29 Junie 2016

Mnr Hardu Prinsloo  
Grondeienaar: Plaas Vlakvarkfontein  
Posbus 149  
DELMAS  
2210

Beste Hardu,

**GEÏNTEGREERDE OMGEWINGSMAGTIGING: OMGEWINGSIMPAKEVALUERING EN AANSOEK OM AFVALBESTUURS- EN WATERGEBRUIKLISENSIE VIR DIE VOORGESTELDE NUWE 30 JAAR ASVERWYDERINGSINSTALLASIE EN GEPAARDE INFRASTRUKTURE VIR KENDAL KRAGSTASIE (DO Verw: 14/12/16/3/3/3/68; NEAS Verw: DEA/EIA/0001624/2013)**

Graag maak ons van hierdie geleentheid gebruik om u te bedank vir die tyd wat u op Donderdag, 23 Junie 2016 aan ons afgestaan het om met u te ontmoet rakende die bogenoemde voorgestelde projek.

Hierdie skrywe het ten doel om die punte wat deur u geopper is tydens die gesprek vas te lê. Indien daar enige regstelling van u kant is op ondergenoemde punte, versoek ons u vriendelik om dit skriftelik aan ons deur te gee. Die ondergenoemde punte is nie *verbatim* nie, maar 'n opsomming:

- U het genoem dat die vleiland (Terrein H) deur flaminke besoek word;
  - *Die voorkoms van flaminke is in die Ekologiese Spesialisstudies vir hierdie projek omskryf.*
- U het verneem wanneer die verwagte datum wanneer die infrastruktuur in werking gestel sal word;
  - *Indien die omgewingsmagtiging toegestaan word en alle lisensie aansoeke goedgekeur is, is die verwagte datum van aanvang van konstruksie in 2025, waarna die fasiliteit in 2030 in diens gestel sal word.*
- Dit was bevestig dat u die gemagtigde verteenwoordiger is om namens Torero Investments op te tree;
- U het versoek dat die projekspan u gereeld op hoogte hou van enige verwickelinge op die projek.
  - *Zitholele Consulting het bevestig dat daar gehoor aan u versoek gegee sal word en dat u op 'n gereelde basis terugvoer gegee sal word per sms.*
- Zitholele Consulting het onder u aandag gebring dat volgens die Omgewingsimpakevaluering (OIE) Regulasies is die publieke deelname praktisyn verplig om nie net die grondeienaar nie maar ook bewoners op die eiendom waar die ontwikkeling beplan word, in te lig rakende die voorgestelde projek.

- *U het onderneem om u werkers wat woonagtig is op Eskom se eiendom (verwysend as die Triangle Community) asook mnr Hannes Oosthuizen (Voorman) op hoogte te hou van die verwickelinge van die OIE proses. Die rede vir die onderneming is om 'n situasie te vermy waar werknemers 'n mate van paniek kan ervaar bv gaan hulle verskuif word, is hulle werk in gedrang ens. Die ooreenstemming is bereik aangesien die projek, as alle magtigings toegestaan en lisensies toegeken is, eers in 2030 mag realiseer.*
- Dit was genoem dat u in beginsel nie gekant is teen die voorgestelde ontwikkeling nie, maar dat aspekte wat verband hou met hierdie tipe ontwikkeling soos hervestiging, veiligheid en gesondheid ondersoek en aangespreek moet word. Die behoefte vir so 'n ontwikkeling is verstaanbaar en die ontwikkeling word nie teengestaan nie, maar die bogenoemde sosiale impakte moet aangespreek word.
  - *Zitholele Consulting het bevestig dat dit aan die projekspan gekommunikeer sal word.*
- Zitholele Consulting was meegedeel dat u as geaffekteerde grondeienaar in ag geneem moet word en ook die nodige respek betoon word veral vanaf Kendal Kragstasie se personeel. Eskom Generations (Hoofkantoor) tree wel met die nodige respek teenoor u op.
  - *Zitholele Consulting het bevestig dat dit aan die projekspan gekommunikeer sal word.*

Ons bevestig ook dat die volgende punte geopper is wat nie verband hou met die voorgestelde 30 Jaar Asverwyderingsfasiliteit nie maar wel met die Kendal Deurlopende Asverwyderingsfasiliteit waarvan die OIE reeds magtiging ontvang het:

- U het navraag gedoen wanneer konstruksie op die Deurlopende Asverwyderingsfasiliteit sal begin. U het aangedui dat u langtermyn beplanning moet doen rakende die landbou aktiwiteite op die eiendom, wat u tans by Eskom huur wat vir hierdie fasiliteit geïdentifiseer is.
  - *Zitholele Consulting het navraag gedoen by die bepaalde projekspan oor die vraag. Hulle het aangedui dat konstruksie in 2018 sal begin.*

Neem asseblief kennis dat bogenoemde punte in die Kommentaar- en Kwessieverslag, wat deel van die Konsep Omgewingsimpakevalueringverslag uitmaak, vervat sal word.

Soos vroeër genoem, indien enige van die bogenoemde punte nie korrek weergegee is nie moet u ons asseblief skriftelik in kennis stel sodat die nodige regstelling gedoen kan word.

Vriendelike groete



Snr Publieke Deelnamekonsultant  
**ZITHOLELE CONSULTING (PTY) LTD**

**Bylaag A:** Kaart van Terrein H

**Environmental Impact Assessment, Waste Management Licence and Water Use Licence  
Application for a new 30 Year Ash Disposal Facility at Kendal Power Station, Mpumalanga  
Province**

**(DEA Ref.: 14/12/16/3/3/3/68 and NEAS Ref.: DEA/EIA/0001624/2013)**

**PUBLIC MEETING**

**Wednesday, 21 November 2016, 09h30**

**Kopanong Hall, Kendal**

## Minutes

**Note:** These minutes are a summary of the questions and answers from the public meeting. It is not verbatim. This public meeting was mostly attended by community members from the Triangle Village.

### List of abbreviations:

ADF	Ash Disposal Facility	I&AP's	Interested and Affected Parties
Clr	Counsellor	KPS	Kendal Power Station
DEA	Department of Environmental Affairs	MR	Mining Right
DEIR	Draft Environmental Impact Report	MRA	Mining Right Application
DWS	Department of Water and Sanitation	PCD	Pollution Control Dam
EA	Environmental Authorisation		
EIA	Environmental Impact Assessment		

### 1. WELCOME, INTRODUCTIONS AND APOLOGIES

Tania Oosthuizen, Zitholele Consulting (ZC), welcomed all present and introduced both Zitholele and Eskom team also gave a brief summary of their role in the proposed project.

It was agreed by all present that the information provided by Zitholele Consulting will be presented in English and will be translated into Zulu by Bongani Dhlamini. The same process will be followed during the discussion and question session.

The community members was informed that they are most welcome to ask questions in the language of their choice, questions will be translated by Bongani Dhlamini in English to the team and the responses provided, will be translated by Bongani Dhlamini into Zulu.

***Please refer to Appendix A for the Power Point Presentation and Appendix B for the Attendance Record.***

## 2. OBJECTIVES OF THE MEETING

- Presenting the results of the Environmental Impact Assessment (EIA) that was undertaken for the Kendal 30 year Ash Disposal Facility (ADF)
- To record comments/concerns and inputs raised at the meeting and invite attendees to review and comment on the Draft Environmental Impact Assessment (DEIR) that is out for public review from 24 August 2016 to 24 October 2016.

## 3. PRESENTATION / INFORMATION SESSION

Tania Oosthuizen (Zitholele Consulting) welcomed the attendees and went through the agenda. She explained that Zitholele Pty (Ltd) and the sub-consultants on the project are independent service providers. She stated that Eskom (SOC) Ltd is the applicant, the Department of Environmental Affairs (DEA) is the Competent Authority and the Department of Water and Sanitation (DWS) is one of the commenting authorities.

Tania Oosthuizen presented a background summary of the proposed project. On when was the project was initiated (2012), and the environmental stages that has been covered, as well as those to come. Zitholele is aiming to submit the Final Environmental Impact Report (FEIR) to DEA at the end of October 2016. Tania Oosthuizen added that Zitholele and Eskom have been engaging with the DEA and DWS since the project was initiated. It is anticipated that the construction of the Kendal 30 year ADF will start around the year 2025, 9 years from now, if authorisation is granted.

Tania Oosthuizen indicated the need of the Kendal 30 year ADF project is to accommodate the ash that will be generated from the electricity generation process (coal burning) at the Kendal Power Station from the year 2031 to 2058 approximately 27 years. The proposed ADF will be approximately 405 ha in area and 75 m high.

Tania showed the attendees where the project was located on a locality map. The project is proposed on certain portions of the farms Schoongezicht 218 IR and Heuvelfontein 215 IR falling within Ward 28 under ward Counsellor (Clr) Mavis Mahlangu. She also noted who the neighbouring councillors were.. Attendees confirmed that they knew Clr Elias Mahlalela.

Subsequent maps were zoomed into site, highlighting affected land owners. It was pointed out that the site is largely owned by Eskom and Transnet. Tania Oosthuizen pointed out that the Eskom Triangle Community would have to be relocated by Eskom as part of this project.

Tania Oosthuizen explained that an extensive site selection process was undertaken to find a site within 10 km of the KPS. The three top-ranked sites underwent specialist investigation, and Site H emerged as the preferred site.

The specialist studies provide information regarding the baseline environmental conditions, identify anticipated impacts on the receiving environment, and develop mitigation measures for the anticipated environmental impacts.

The attendees were reminded that the Draft Environmental Impact Assessment Report (DEIR) is available for public review at the Phola, Ogies and Emalahleni public libraries; and at the Eskom Wilge Office. Report in CD's were also available upon request from ZC and at the public meeting. The availability of reports was advertised in the following newspapers: Streeknuus, Witbank News, The Echo, Springs Advertiser, Citizen and Beeld. The report is also available on ZC's website: <http://www.zitholele.co.za/ea-wml-for-30yr-ash-disposal-facility-at-kendal-power-station> where anyone can download it. The last day to submit comment is the 24 October 2016.



## 4.

**DISCUSSIONS**

4.1. Ester Qoyi (Eskom Triangle Community Resident): Mentioned that most of the residents were not objecting to the proposed relocation, however she would request that they receive better housing and also be able to sustain their livelihood, which includes but not limited to schooling, occupation and farming.

Tania Oosthuizen (Zitholele consulting): Responded by saying that ZC was not doing the relocation process, however another consultation will be appointed by Eskom if/when the time comes. The wellbeing of the community will be a priority.

Patience Selepe (Eskom): Assured residents that they will not lose their livelihoods. She started her response by reminding residents that Eskom was already in possession of the number of homesteads and/or families occupying Triangle. The database will be used when relocating families. She added that even database of their farming activities will inform on how much space they should receive.

Patience told residents that they should continue with their lives as normal, there will be another run on property ownership, children, graves and stork (farming) closer to the relocation time, however relocation beneficiaries is only limited to the existing number of families, no 'additional families' will be catered for. The term additional families refers to other people from other places that would want to come reside at the Triangle village. Residents will also be afforded with an opportunity during the relocation process to go and see proposed relocation sites.

She concluded by indicating that she will be working together with André Janse van Rensburg (Eskom) whom the residents knew.

4.2. Ester Qoyi (Eskom Triangle Community Resident): Mentioned that the information that Eskom has on property ownership might not be accurate since they have already extended their houses from the time the census was conducted. She mentioned that it was owed to the fact that the children were growing up, and wanted to move them on extended rooms.

Patience Selepe (Eskom): mentioned that whilst she is noting the fact that they have already extended, she requested that residents in future should seek clearance from Eskom, this will also assist to update property ownership. Patience proposed that she will be visiting the village soon to undertake a status quo, arrangement thereof will be undertaken outside this meeting.

Housing beneficiation will be afforded to families not to each child from the family.

4.3. Emmah Lukhele (Eskom Triangle Community Resident): Mentioned that the information that Eskom has on property infrastructure might not be accurate. At the time when they conducted the census, some families had stick and mud houses, now they have got brick houses in the same property/space. They have demolished the stick and mud houses because they were old and falling. Some families have only upgraded (stick and mud into brick) portions of the house.

Patience Selepe (Eskom): referred to above answer, that they should communicate with Eskom on any proposed development they wish to undertake.

4.4. Ester Qoyi (Eskom Triangle Community Resident): Wanted to find out if there will be any job opportunities for residents on proposed ADF operations. She also mentioned that some of the residents did not have Grade 12.

Tania Oosthuizen (ZC): Responded by saying that there were not so many opportunities as is from the existing ADF, and Eskom employees currently working in the ADF will be moved into the new

ADF.

Emmy Moleopo (Eskom): Indicated that should there be some job openings during the construction phase, Eskom will look into employing some of the Triangle residents. Emmy added that during construction there will be both p skilled and unskilled job opportunities, residents should also be giving preference where possible. . She asserted the part that she was not promising them jobs.

4.5 Ester Qoyi (Eskom Triangle Community Resident): Why was Eskom not also undertaking a health assessment on the Triangle community, since they have been exposed over the years. The assessment should be done before they are relocated. Her question was around the fact that now she was suffering from asthma, and suspected that it was owed to the fact of being exposed.

Emmy Molepo (Eskom): Indicated that they cannot commit to undertake a health study prior to relocating the community. However, the concern will be escalated within Eskom. Only then a definite and informed answer will be shared.

4.6 Johannah Mashiane (Eskom Triangle Community Resident): Community was experiencing ash nuisance from the existing Eskom ADF. Also the ash was causing corrosion on their corrugated iron (roofing).

Tania Oosthuizen (ZC): Responded by saying that Air quality specialist revealed that dominating winds were blowing toward the station, however it can also happen that the winds can change.

Nevin Rajasakran (ZC): Indicated that it was not chemically possible that the corrosion was caused by the ash. He suspected that it can be owed to moisture/condensation settling on the roof. He also urged resident to increase number of windows to allow for air circulation in the houses.

4.7 Richard Mapheele (Eskom Triangle Community Resident): Came in on Johannah's point, saying that there is a house that was built 2 years ago, with enough ventilation (windows and ventilators) but the roofing has worn out. Richard Mapheele also requested that an Eskom representative pays them a visit.

Nevin Rajasakran (ZC): Stood by his answer provided above (*refer to response on 4.7*). He added that ash was not acidic.

Tania Oosthuizen (ZC): Indicated that since question was centred around current situation, the question was noted, however she re-emphasised that the objective of the meeting is to discuss a future project. And, for the future project the implication is that the community will have to be relocated. She suggested that hopefully the new area will be sufficiently far away from any ADF.

Patience Selepe (Eskom): Will speak to André Janse van Rensburg (Eskom) to communicate when should they visit community to assess infrastructure and all other related issues.

4.8 Sarah Sindane (Eskom Triangle Community Resident): Requested that they get relocated closer to Phola village since they have relatives in that village.

Tania Oosthuizen (ZC): Responded by saying that the request made should be raised on the relocation consultation process, and it will be taken into consideration.

4.9 Johannah Mashiane (Eskom Triangle Community Resident): Wanted to find out if Zitholele Consulting was working together with Mbuyelo mine.

Tania Oosthuizen (ZC): Responded by saying no. She indicated that Zitholele has met with them as they are also an Interested and Affected Party (I&AP) on the project.

- 4.10 Johannah Mashiane (Eskom Triangle Community Resident): When will they receive informed/definite answers on issues raised.

Tania Oosthuizen (ZC): Indicated that it will depend on whether or not environmental authorisation is obtained or not. She indicated that a decision can be expected sometime in 2017 at which time they will be informed of the decision.

- 4.11 Bongani (Zitholele): Should the community continue burying their loved ones at the cemeteries.

Patience (Eskom): responded by saying yes, communities can continue, another round of grave identification will be undertaken then, should EA be granted.

## 5. Closure

Tania Oosthuizen officially closed the meeting by thanking the residents of Khayaletu Village for their attendance and their fruitful participation.

**DATE: 10 / 10 / 2016**

**SIGNATURE:**



**ZITHOLELE CONSULTING**

**INTEGRATED ENVIRONMENTAL AUTHORISATION: ENVIRONMENTAL IMPACT  
ASSESSMENT AND WASTE MANAGEMENT LICENCE APPLICATION FOR THE PROPOSED  
ASH DISPOSAL FACILITY FOR KENDAL POWER STATION**

**Public Meeting**

**Wednesday, 21 September 2016 at 09:00 – 11:00  
Kopanong Hall, Kendal Power Station**



**ATTENDANCE REGISTER**

NAME & SURNAME	ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS	SIGNATURE
EUNICE MAGAGULA	ESKOM		Tel No: 0136997404 Fax No: Cell No: 0828514725 E-mail: meqayiem@eskom.co.za	
BONGANI DHLAMINI	ZITHOLELE CONSULTING		Tel No: 011 207 2060 Fax No: Cell No: 0784157801 E-mail: bongani@zitholele.co.za	
SARAH	SINDANE SCHODDGEZALI		Tel No: 0717319807 Fax No: Cell No: E-mail:	

NAME & SURNAME	ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS	SIGNATURE
ESTHER GOYI	SCHOONGEZICHT		Tel No: Fax No: Cell No: 0765958899 E-mail:	
MARBEELLE RICHARD	SCHOONGEZICHT		Tel No: Fax No: Cell No: 0769 713 951 E-mail:	
JOHANNAH NASHIANE	SCHOONGEZICHT		Tel No: Fax No: Cell No: 0767182147 E-mail:	
NEVIN RAJASAIKARAN	ZITHOLELE		Tel No: 011 2072060 Fax No: Cell No: E-mail:	
PETRUS MARGOLANE	KENDAL P/S		Tel No: Fax No: Cell No: 0820484046 E-mail: Margolp@esko.wa.co.za	

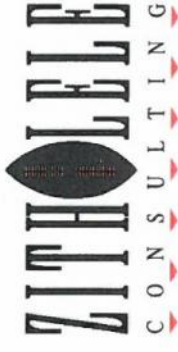


NAME & SURNAME	ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS	SIGNATURE
Solly Chotoe	Estam kendal	kendal power station	Tel No: 013 647 6970 Fax No: Cell No: 079 2385142 E-mail: wotoems@estam.co.za	
Tania Oosthuizen	Zitholele Consulting	PO Box 6002 Halfway House 1685	Tel No: 011 207 2060 Fax No: Cell No: E-mail: tania.o@zitholele.co.za	
			Tel No: Fax No: Cell No: E-mail:	
			Tel No: Fax No: Cell No: E-mail:	
			Tel No: Fax No: Cell No: E-mail:	

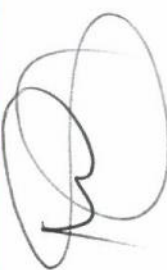
**INTEGRATED ENVIRONMENTAL AUTHORISATION: ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENCE APPLICATION FOR THE PROPOSED ASH DISPOSAL FACILITY FOR KENDAL POWER STATION**

**Public Meeting**






**Wednesday, 21 September 2016 at 09:00 – 11:00  
Kopanong Hall, Kendal Power Station**





**ATTENDANCE REGISTER**

NAME & SURNAME	ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS	SIGNATURE
Sennyboy Moya	Estcom	Kendal P/S.	Tel No: 0825540818 Fax No: Cell No: 0825540818 E-mail:	
Lenny Govender	Eskom	Kendal Power Station	Tel No: Fax No: Cell No: 0772496249 E-mail:	
ALFRED MONSIEUR		GREEN FARM SCHOONHEZICHT SKOOB	Tel No: Fax No: Cell No: 0797749895 E-mail:	ALFRED



NAME & SURNAME	ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS	SIGNATURE
EMAAH M LUKHELE		SCHOONGEZICHT	Tel No: Fax No: Cell No: 073 8249414 E-mail:	
NORAH Mbonani		Schoongezicht	Tel No: Fax No: Cell No: 073 4970667 E-mail:	
PATIENCE SELEPE	Eskom	MEGAWATT PARK	Tel No: Fax No: Cell No: 082 805 7371 E-mail:	
Emmy Molepo	Eskom	Mogamoth Park	Tel No: 011 8004211 Fax No: Cell No: 0828600919 E-mail:	
Gugulethu Hlangwa	Eskom	Tendel	Tel No: 013 6900765 Fax No: Cell No: 0827799052 E-mail:	





# KENDAL 30 YEAR ASH DISPOSAL FACILITY (ADF)

## Public Meeting

### 21 September 2016


Presenters: Tania Oosthuizen  
Bongani Dhlamini




## AGENDA


1. Welcome, Introductions, Meeting Objectives
2. Explain the Project
3. Public review details
4. Environmental Authorisations
5. Summarise specialist findings
6. Discussion
7. Way Forward and Closure

2




## THE TEAM

- Applicant 
  - Kendal Power Station
- Environmental Assessment Practitioner
  - Tania Oosthuizen (Environmental)
  - Bongani Dhlamini (Public Participation)
  - Nevin Rajasakran (Engineering)




3



## OBJECTIVES OF THE MEETING

- Presenting the results of the Environmental Impact Assessment (EIA) that was undertaken for the Kendal 30 year Ash Disposal Facility (ADF)
- Draft Environmental Impact Report (DEIR) is currently out for public review (24 August 2016 – 24 October 2016)

4



## WHERE CAN I FIND THE REPORT?

### Public places


Contact and Location	Telephone
Phola Public Library, Qwabe Street, Phola Location	013 645 0094
Ogies Public Library, 61 Main Street, Ogies	013 643 1150
Emalahleni Public Library – 28 Hofmeyer Street	013 690 6231
EskomWilge Office	013 699 7004

### Electronic copies

Zitholele Consulting Website	<a href="http://www.zitholele.co.za/ea-wmi-for-30yr-ash-disposal-facility-at-kendal-power-station">http://www.zitholele.co.za/ea-wmi-for-30yr-ash-disposal-facility-at-kendal-power-station</a>
Tania Oosthuizen	Available on CD on request via email Tel.: 011 207 2060 E-mail: <a href="mailto:publicprocess@zitholele.co.za">publicprocess@zitholele.co.za</a>

**Last day to comment = 24 October 2016**

5



## GUIDELINES FOR PRODUCTIVE DISCUSSION

- Focus on issues, not people
- Courtesy
- One person at a time
- Agree to disagree
- Cell phones on silent

6

## NEWSPAPER ADVERTS

- Streeknuus
- Witbank News
- The Echo
- Springs Advertiser
- Citizen
- Beeld

## PROJECT OVERVIEW

A timeline diagram overlaid on a landscape image showing the project's progress. The stages are: Project Initiation (Dec 2012), Scoping (Aug 2013), EIA (Sept 2016), IWULA (Oct 2016), Decision Making (April 2017), and Construction start (±2025).

## Need for the Kendal “30-year” Project

Kendal Power Station has capacity to accommodate ash until 2031

➔

Require a new Ash Disposal Facility to accommodate ash from 2031 to 2058 – approximately 27 years

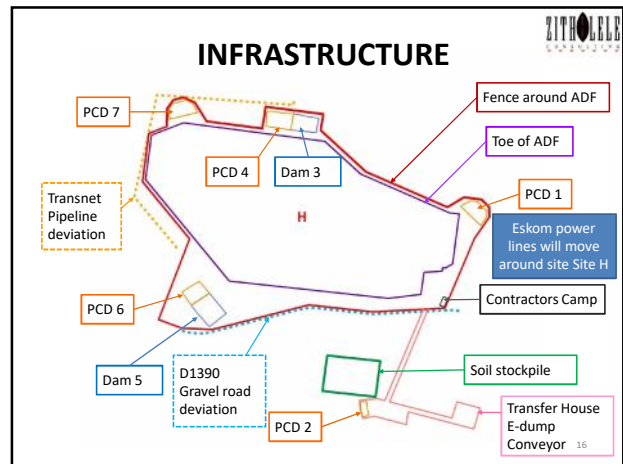
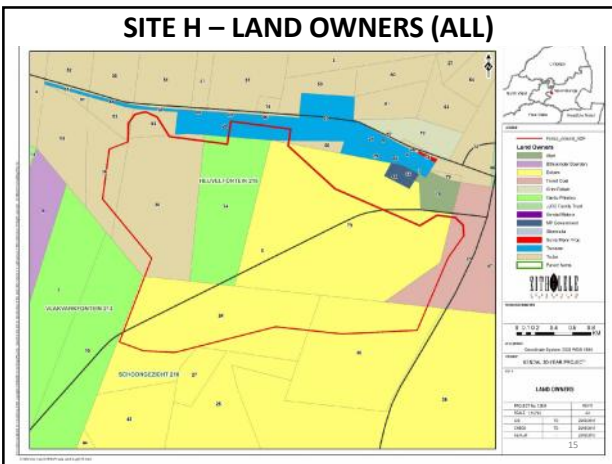
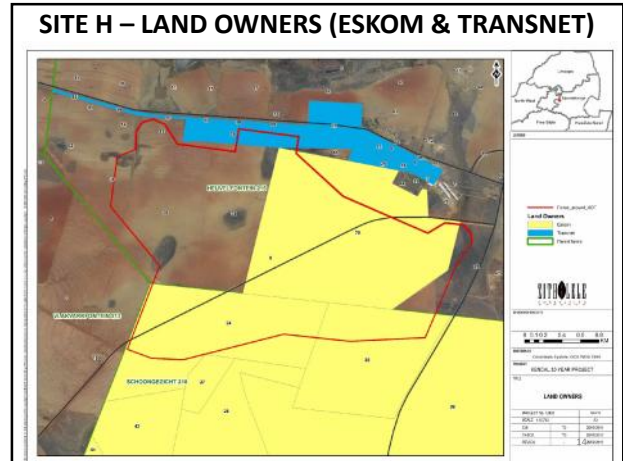
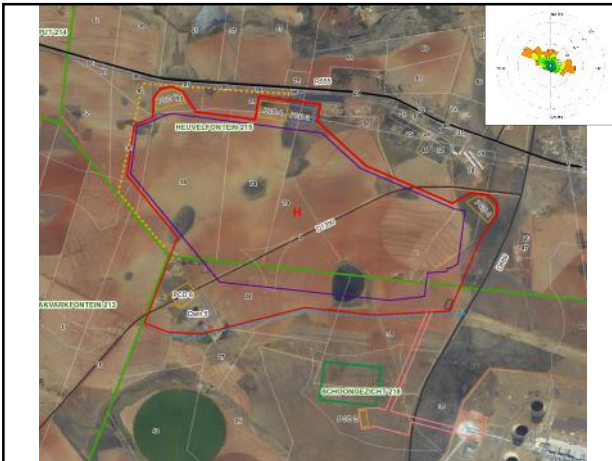
## SITE SELECTION

- An extensive site selection process was undertaken
- Three sites underwent full specialist investigation
- Mining activities (current and future) on all sites except for Site H
- Site H emerged as only feasible site alternative
- Site H challenges in been investigated as part of this EIA, and communicated with the authorities

## SITE IDENTIFICATION PROCESS

A map showing the geographical layout of seven potential sites (A through G) in the area around the Kendal power station. Each site is labeled with its name and area in hectares.

A detailed map of Site H, showing its boundaries, surrounding infrastructure, and geographical features. The map includes a legend, scale, and project information.



### ENVIRONMENTAL AUTHORISATIONS

Process	Authorisation / Licence	Department	Legislation
Environmental Impact Assessment (EIA)	Environmental Authorisation	Department of Environmental Affairs	National Environmental Management Act (NEMA)
Environmental Impact Assessment (EIA)	Waste Management Licence	Department of Environmental Affairs	National Environmental Management Waste Act (NEM:WA)
Integrated Water Use Licence Application (IWULA)	Water Use Licence	Department of Water Affairs	National Water Act (NWA)

- ### EIA Listed Activities
- ❖ EIA - National Environmental Management Act (Act 107 of 1998) as amended.
    - Listing Notice 1 – Activity 10: Construction of facilities or infrastructure for the transmission of electricity outside urban areas between 33-275kV
    - Listing Notice 1- Activity 11: Construction within 32m of a watercourse
    - Listing Notice 1- Activity 12: Off-stream storage of water exceeding 50 000m<sup>3</sup>
    - Listing Notice 2 – Activity 29: Expansion of facilities for the generation of electricity
    - Listing Notice 1-Activity 18: Dredging , excavating .. More than 5m<sup>3</sup> of soil in a watercourse.
    - Listing Notice 1 – Activity 22: Construction of a road (wider than 8 m) where no reserve exists



## EIA Listed Activities Cont'd

❖ EIA- National Environmental Management Act (Act 107 of 1998) as amended.

- Listing Notice 1 – Activity 26: A process or activity in terms of the Biodiversity Act
- Listing Notice 1 – Activity 29: Expansion of facilities for the generation of electricity
- Listing Notice 2 – Activity 5: Any process that requires a permit or licence in terms of other legislation
- Listing Notice 2 – Activity 6: Bulk transportation of dangerous goods
- Listing Notice 2 – Activity 8: Construction of facilities for the transmission / distribution of electricity of 275 kV or more
- Listing Notice 2- Activity 15: Physical alteration of more than 20 ha of undeveloped land into industrial use

## Waste Management License Activities

❖ WML – in terms of the National Environmental Management: Waste Act of 2008 as amended.

- Category B- Activity 7: Disposal of hazardous waste to land.
- Category B- Activity 10: Construction of facilities for Category B

## Water Uses Triggered

❖ WULA – National Water Act (Act 36 of 1998) as amended.

- 21 a – taking water from a water resource.
- 21 b – storing water
- 21 c – impeding or diverting the flow of water in a watercourse;
- 21 e – engaging in a controlled activity – irrigation of any land with waste water or water containing waste.
- 21 g – disposing of waste in a manner which may detrimentally impact on a water resource.
- 21 i – altering the beds, banks, course or characteristics of a water course

## SPECIALIST STUDIES

Number of Specialist Studies were carried out to:

- Provide information regarding the baseline environmental conditions;
- Identify anticipated impacts on the receiving environment;
- Develop mitigation measures for each anticipated environmental impact.

## WETLAND ASSESSMENT

Wetland Type	Area (ha)	% of wetland area	% of footprint area
Pan / depression	12.6	14.6%	2.4%
Hillslope seepage	73.9	85.4%	13.9%
<b>TOTAL</b>	<b>86.5</b>	<b>100%</b>	<b>16.3%</b>


## WETLAND ASSESSMENT PES

Wetland Type	C	D	Total
Pan / depression	1.8	10.8	12.6
Hillslope seepage	14.5	59.4	73.9
<b>TOTAL</b>	<b>16.3</b>	<b>70.2</b>	<b>86.5</b>
<b>% of wetland area</b>	<b>18.8%</b>	<b>81.2%</b>	<b>100%</b>

### WETLAND IMPACTS

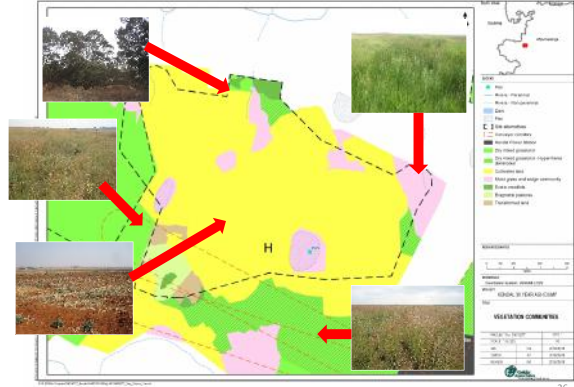
- Loss of wetland habitat
- Increased erosion and sedimentation
- Water quality deterioration in wetlands
- Disturbance and degradation of wetland habitat
- Increased risk of erosion in wetlands
- Sedimentation within wetlands
- Habitat fragmentation
- Establishment and spread of alien vegetation


- Mitigation – On site and also wetland offset in progress



25

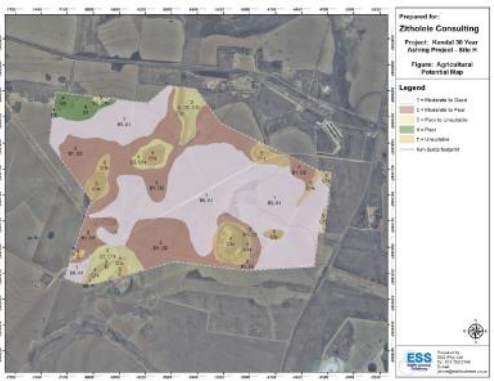
### VEGETATION COMMUNITIES






26

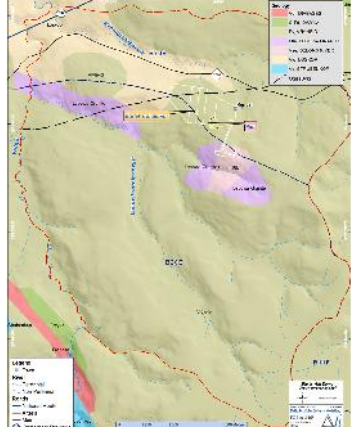
### AGRICULTURAL POTENTIAL






27

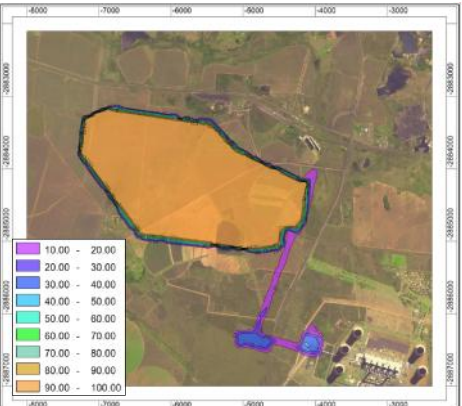
### GEOLOGY






28


### MODEL (IMPACT) PREDICTIONS – 50yrs






29

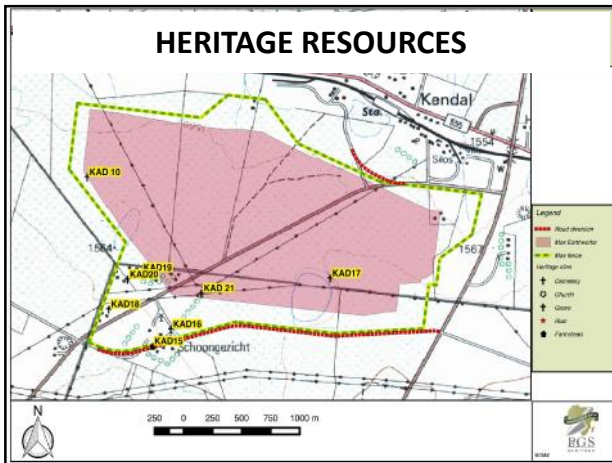
### GROUNDWATER AND THE PAN



Modelling shows that inflow and outflow between the pan and groundwater is negligible

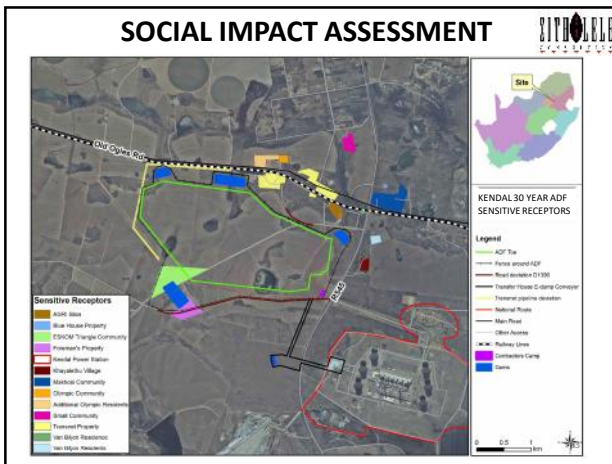


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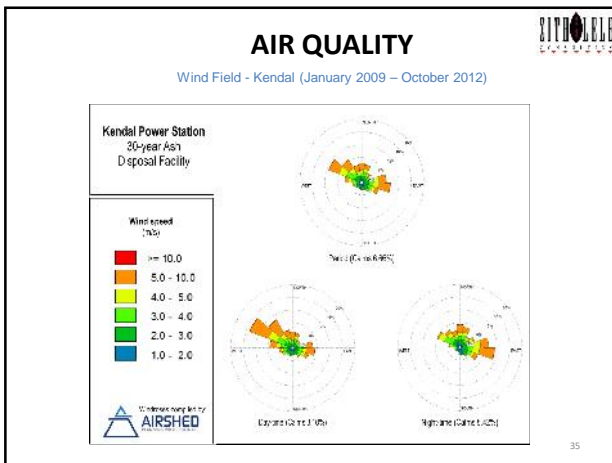
### HERITAGE MITIGATION OLD HOMESTEAD

- Permit for destruction should be obtained



### SOCIAL IMPACT ASSESSMENT

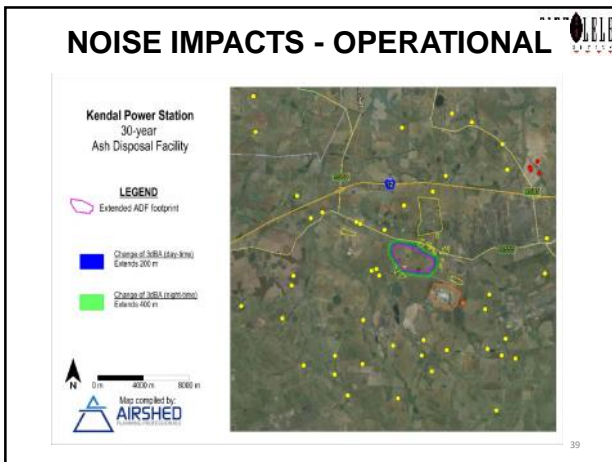
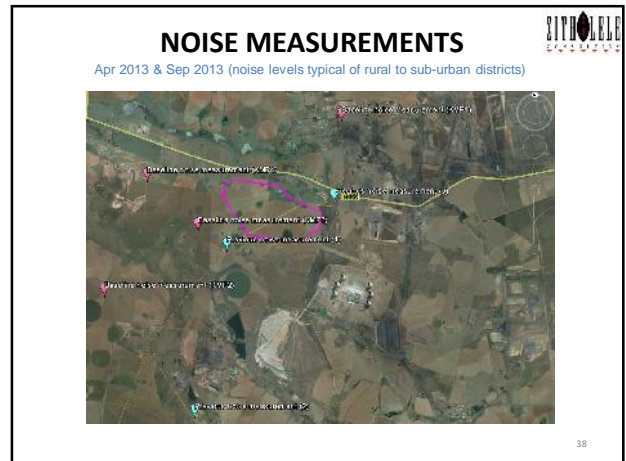
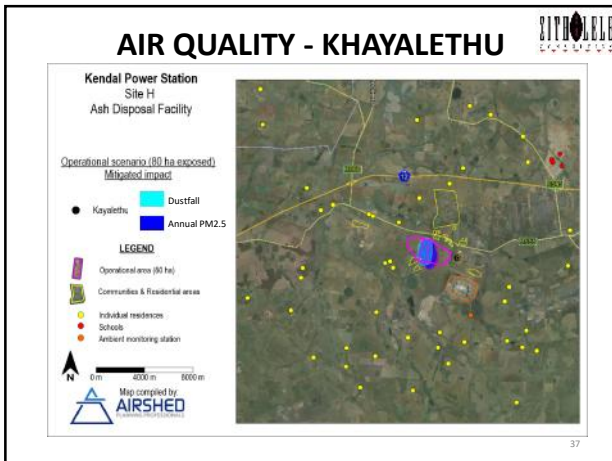
- Project is proposed within a complex social environment, with several communities living within 1km of it.
- Triangle Community needs to be relocated – formal resettlement process must be followed.
- A human health study is recommended for communities not being relocated.
- Environmental Forum should be established.



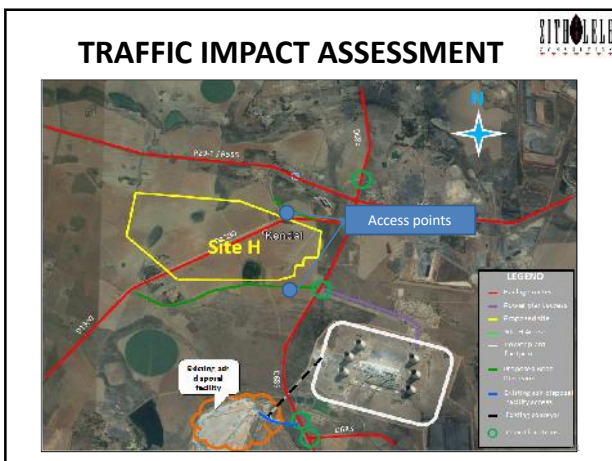
### AIR QUALITY BASELINE

- Project is located within the Highveld Priority Area
- Main pollutant of concern is particulate matter
  - Total Suspended Particulates – nuisance
  - Finer particulates (PM<sub>10</sub> & PM<sub>2.5</sub>) – health
- A seven point dust bucket network is proposed at sensitive receptors surrounding the ADF.

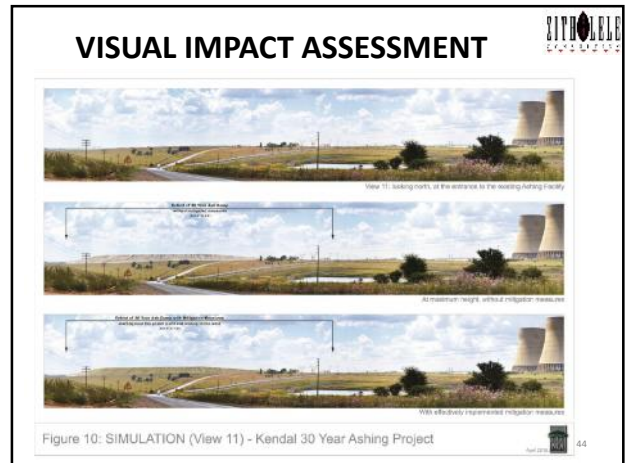
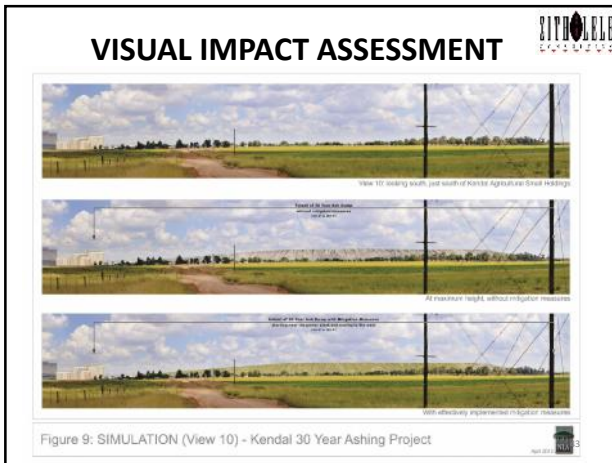




- ### NOISE RECOMMENDATIONS
- All diesel powered equipment = regular maintenance and inspection.
  - Minimise noise generation - vendors required to guarantee optimised equipment design noise levels.
  - A mechanism to monitor noise levels, record and respond to complaints and mitigate impacts should be developed.
- 40



- ### TRAFFIC IMPACT ASSESSMENT
- The D1390 runs through the middle of Site H and the road will have to be rerouted.
  - D1390 currently carries about 110 vehicles in both directions in a 12 hour period.
  - The re-alignment will add about 500 m to the distance travelled
  - The proposed deviation was accepted in principle by both the local and district municipalities
  - Two proposed access points to ADF
  - No additional access roads proposed.
- 42



**VISUAL IMPACT ASSESSMENT**

- Recommendations:
  - Remove as little as possible vegetation during construction
  - Retain natural vegetation where possible to be incorporated in rehabilitation
  - Put dust suppression measures in place in all phases
  - Landscape architect could assist with detailed design & Rehab Plan
  - Rehabilitate / restore exposed areas as soon as possible after construction activities are complete.
  - Only indigenous vegetation should be used for rehabilitation / landscaping purposes.
  - Lights should be kept to a minimum, use precisely-directed illumination, use bollard type lights for pathways and roads, use lights that are activated by movement



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**Environmental Impact Assessment, Waste Management Licence and Water Use Licence  
Application for a new 30 Year Ash Disposal Facility at Kendal Power Station, Mpumalanga  
Province**

**(DEA Ref.: 14/12/16/3/3/3/68 and NEAS Ref.: DEA/EIA/0001624/2013)**

**PUBLIC MEETING**

**Wednesday, 21 November 2016, 16h30**

**Kopanong Hall, Kendal**

## Minutes

**Note:** These minutes are a summary of the questions and answers from the public meeting. It is not verbatim. This public meeting was mostly attended by community members from the Khayaletu Village and Green Farm Residents.

### List of abbreviations:

DEA	Department of Environmental Affairs	IWULA	Integrated Water Use Licence Application
ADF	Ash Disposal Facility	KPS	Kendal Power Station
DEIR	Draft Environmental Impact Report	MR	Mining Right
DMR	Department of Mineral Resources	MRA	Mining Right Application
DWS	Department of Water and Sanitation	PCD	Pollution Control Dam
EA	Environmental Authorisation	SIA	Social Impact Assessment
EIA	Environmental Impact Assessment	KPS	Kendal Power Station
FEIR	Final Environmental Impact Report		

### **1. WELCOME, INTRODUCTIONS AND APOLOGIES**

Tania Oosthuizen, Zitholele Consulting (ZC), welcomed all present and introduced both Zitholele and Eskom team also gave a brief summary of their role in the proposed project.

It was agreed by all present that the information provided by Zitholele Consulting will be presented in isiZulu, by Bongani Dhlamini.

The community members was informed that they are most welcome to ask questions in the language of their choice, questions will be translated by Bongani Dhlamini in English to the team and the responses provided, will be translated by Bongani Dhlamini into Zulu.

***Please refer to Appendix A and B for the Presentation and Attendance Record.***

## 2. OBJECTIVES OF THE MEETING

- Presenting the results of the Environmental Impact Assessment (EIA) that was undertaken for the Kendal 30 year Ash Disposal Facility (ADF)
- To record comments/concerns and inputs raised at the meeting and invite attendees to review and comment on the Draft Environmental Impact Assessment (DEIR) that is out for public review from 24 August 2016 to 24 October 2016.

## 3. PRESENTATION / INFORMATION SESSION

Bongani (Zitholele Consulting) opened his presentation by declaring Zitholele consulting's independency on the project as well all the environmental specialists appointed to undertake the various environmental studies for this proposed project. He stated that Eskom (SOC) Ltd is the applicant, the Department of Environmental Affairs (DEA) is the competent Authority and the Department of Water and Sanitation (DWS) is one of the EIA commenting authorities and authority for the water use licence application. To explain the latter, Bongani made an example of a soccer match, where Eskom was the team, Zitholele consulting the coach, Specialist as coach advisors, DEA being the referee, and DWS one of the line men. Bongani Dhlamini presented a background summary of the proposed project. On when was the project was initiated (2012), and the environmental stages that has been covered, as well as those to come. Zitholele is aiming to submit the Final Environmental Impact Report (FEIR) to DEA at the end of October 2016. Bongani added that Zitholele and Eskom has been engaging with the DEA and DWS since the project was initiated. The construction will start around the year 2025, 9 years from now, if authorisation is to be granted.

The Kendal 30-year ADF project is that of a new ADF to accommodate ash that will be generated from the electricity generation process (coal burning) at the Kendal Power Station from the year 2031 to 2058 approximately 27 years. The proposed ADF will be approximately 405 ha in area and 75 m high, and it was proposed within a 10km radius from the KPS. It is estimated that Eskom will start disposing ash from the year 2031.

By making use of a colour project locality map (1:50 000), the proposed ADF and associated infrastructure was overlaid on the affected farms namely; Schoongezicht 218 IR and Heuvelfontein 215 IR. Associated infrastructure included pollution control dams (PCD), ADF fencing, contractors camp and the soil stockpile. Bongani spent some time on the locality map, making sure that attendees could orientate themselves.

Attendees also pointed out where the Green farm community (5 houses/homesteads) was located, but indicated that Green farm was rather part of Khayaletu.

Subsequent maps were zoomed into site, highlighting affected land owners. It was pointed out that the site is largely owned by Eskom and Transnet. Bongani pointed out that Eyethu Coal / Kusile Mining have put in an application for a mining right (Heuvelfontein Colliery) covering the area on which the Khayaletu Village is located. Kusile Mining may be relocating the community, should they wish to proceed with their mining activities.

Bongani explained that an extensive site selection process was undertaken for a site within 10 km of the KPS. The three top-ranked sites underwent specialist investigation, and Site H emerged as the preferred site.

The specialist studies provide information regarding the baseline environmental conditions, identify anticipated impacts on the receiving environment, and develop mitigation measures for the anticipated environmental impacts. Specialists comprised, amongst others, Wetlands; Soil and

Land Capability including Agricultural potential; Groundwater Heritage Resources; Social , Air Quality, Noise; Traffic; and Visual.

#### 4. DISCUSSIONS

- 4.1. Richard Mafuwane (Khayaletu Resident): Informed the project team that “people” from ‘Roshcon SOC Ltd’ on behalf of Eskom and from Eyethu Coal / Kusile Mining spoke to them once about a new mine but they have never received any further feedback on whether the project is going ahead or whether they will have to be relocated.

Tania Oosthuizen, (ZC): Explained that the proposed Heuvelfontein Colliery is a separate project proposed by a different company – Kusile Mining. She explained that ZC has engaged with Kusile Mining on their project. As far as ZC knows, Kusile Mining have applied for Environmental Authorisation (EA) and for a Mining Right on this land to build the Heuvelfontein Colliery only the EA has been obtained, and not yet the Mining Right.

- 4.2 Mr Stanley Cindi (Khayaletu Resident): A request was made that the community also obtain a copy of the attendance register.

Bongani Dhlamini indicated that a copy of the register will be distributed together with the minutes in two weeks’ time from date of the meeting.

- 4.3 Mr Stanley Cindi (Khayaletu Resident): Requested clarity/emphases on what will happen to them as the Khayaletu residents being 500m meters away from the proposed ADF with regards to the community being relocated and/or healthy study.

Tania Oosthuizen: Explained that, if the proposed Heuvelfontein Colliery does not go ahead, and the Kendal 30 year project is authorised, Eskom should undertake a Health Assessment on the residents of the Khayaletu Community prior construction to see if they will be adversely affected by the ash from the Kendal 30 year project. TO explained that the Khayaletu Village will be about 500 m away from the toe of the Kendal 30 yr ADF (at the closest point) in the first five years of the Kendal 30-year ADF operation. This will be around the years 2030-2035. From there, the ADF will progress away from them.

- 4.4 Mr Stanley Cindi (Khayaletu Resident): Where can they find the reports

Bongani Dhlamini responded that the report is available for public review at the Phola, Ogies and Emalahleni public libraries; and at the Eskom Wilge Office. Report in CD’s were also available upon request from ZC and at the public meeting. Bongani further indicated that availability of reports was advertised in the following newspapers: Streeknuus, Witbank News, The Echo, Springs Advertiser, Citizen and Beeld.

The report is also available on ZC’s website: <http://www.zitholele.co.za/ea-wml-for-30yr-ash-disposal-facility-at-kendal-power-station> where anyone can download it. The last day to submit comment is the 24th of October 2016. Bongani encouraged attendees not to wait but to submit their comments on the comment sheets provided, and ask all questions in the public meeting to afford a rather quick response to all parties involved namely Eskom and Zitholele.

- 4.5 Mr Stanley Cindi (Khayaletu Resident): Requested clarity on what will happen to them as the Khayaletu residents being 500m meters away from the proposed ADF with regards to the community being relocation and or healthy study.

Khayaletu village was experiencing ash nuisance from the existing Eskom ADF, what are the measures in place to minimise the exposure.

Tania Oosthuizen (ZC) and Emmy Molepo (Eskom) : Refer to response in question 4.3.

- 4.6 Mandla Mabuza (Khayaletu Resident): Noted that there was a gap between Kusile Mining and Eskom, that is Eskom was not talking to Kusile Mining or vice versa. He appreciated that Eskom consulted with them, despite the fact that Eskom was awaiting Kusile Mining, what would be Eskom's advice seeing that there are very close to the ADF.

Tania Oosthuizen (ZC): Responded by saying that it was a matter of timing. The Kendal 30 year project is proposed quite a few years in the future. Construction is estimated to start in the year 2025 (9 years from now), whilst ashing is estimated to start in 2031 (15 years from now). The Mine activities may start before this. Please also refer to the response of item 4.3.

#### **Post meeting note**

ZC have engaged with Kusile Mining on the matter. They are on our I&AP database. Our last update from them was in February 2016 saying that the mining right (MR) has not yet been granted, but that they are following up with the DMR.

- 4.7 John: When the existing mine is blasting, it creates open pits/donga's, where amongst other their stork falls into the holes, this has a great impact on their farming activities.

Bongani Dhlamini (ZC): The team present at the meeting cannot respond on question relating to mine activities, only the mine personnel's can respond. He also reminded delegation that Eskom was only taking about disposing of ash on the proposed site and that there will not be any blasting involved.

- 4.8 Richard Mafuwane (Khayaletu Resident): Confirmed that they do not have lots of questions for Eskom, however appreciated the consultation and Eskom stand point. He concluded his word of appreciation by saying that they will only have questions for the specific company between Kusile Mining and Eskom which comes to them first at the time when they start with their respective activities.

Bongani Dhlamini (ZC): Referred back to Eskom's timeline as indicated above. He also mentioned that it was unfortunate that the team cannot provide dates on when is Kusile Mining (Heuvelfontein Colliery) will start mining.

- 4.9 Richard Mafuwane (Khayaletu Resident): Should they extend their houses, with the relocation cloud hanging over them?

Nevin Rajasakran (ZC): Zitholele and Eskom cannot comment on the property rights that the Khayaletu Village have, as its an agreement between the community and Homeland Mining & Energy SA (Pty) Ltd who relocated them to Khayaletu Village.

Goody Ntuli (Eskom): Eskom is not saying their lives should come to a standstill, if they are in possession of title deeds, they can extend their houses provided they adhere to their agreements with Homeland mining and Energy SA. Should the Eskom need to relocate the village, Eskom will assess each house, and provide with similar or better house.

- 4.10 Mandla Mabuza (Khayaletu Resident): Requested that since they were not sure if they were having a tittle deed but had some paperwork that was received from Homeland Mining & Energy SA (Pty) Ltd, can Eskom visit the village and confirm if those papers were indeed title deeds, since the Homeland Mining & Energy SA (Pty) Ltd was shut down.

Goody Ntuli (Eskom): Advised that instead, 'home owners' should approach the Department of Mineral and Resources (DMR) in Witbank for further advise, and maybe they should hold from

extending until they have consulted with the DMR.

- 4.11 Mr Stanley Cindi (Khayaletu Resident): Khayaletu village was experiencing ash nuisance from the existing Eskom ADF, what are the measures in place to minimise the exposure, even worse now Eskom was proposing to bring it close to the village.

Solly Choke (Eskom): Dust monitoring buckets are strategically positioned based on wind directions. He indicated that the dust fallout does not exceed the national standards, except for one monitoring point (which exceeded once) on the opposite side of the ADF, not close to Khayaletu.

- 4.12 Mr Stanley (Khayaletu Resident): Can Eskom increase the number of dust monitoring buckets closer to them. Stanley concluded his requested by 'educating' team that there was a difference between the ash and the dust. The mine used to put dust monitoring bucket, but not Eskom. Eskom does not listen to their plight each time they complain about the ash nuisance.

Emmy Molepo (Eskom): Added that Eskom was complying with the current legislation with regard to positioning of dust monitoring buckets and the ash recorded from each bucket.

Goody Ntuli (Eskom): Requested Solly Choke (Eskom) that he afford time and visit Khayaletu village and escalate the matter with the Kendal Power Station management, if they can install another dust monitoring bucket..

- 4.13 Mandla Mabuza (Khayaletu Resident): He was worried about the long-time exposure to the Finer particulates (PM10 & PM2.5) has some effects.

Tania Oosthuizen (ZC): Assured residents that they are currently far enough away from the exiting ADF so that it does not pose a health risk to them. This is validated by the response provided by Solly Chokoe (Environmental personnel at Kendal Power Station) who indicated that the current dust monitoring results shows compliance to the national standards.

However, the Kendal 30 year ADF will be closer to the Khalaletu Village than the existing ADF. Therefore, as per item 4.3, Eskom might undertake a health study on the effect on this community because of the effect that the Kendal 30 year Project could have on them.

- 4.14 Mr Stanley Cindi (Khayaletu Resident): Khayaletu village was experiencing noise from KPS, emitted from some valves. He was also worried about the long-time exposure to the noise.

Tania Oosthuizen (ZC): Will forward concern to Eskom, if present Eskom team cannot respond.

## 5. Closure

Tania Oosthuizen officially closed the meeting at 18h15 by thanking the residents of Khayaletu Village for their attendance and their fruitful participation.

**DATE: 10 /10 /2016**

**SIGNATURE:**



**ZITHOLELE CONSULTING**



**INTEGRATED ENVIRONMENTAL AUTHORISATION: ENVIRONMENTAL IMPACT  
ASSESSMENT AND WASTE MANAGEMENT LICENCE APPLICATION FOR THE PROPOSED  
ASH DISPOSAL FACILITY FOR KENDAL POWER STATION**






**Public Meeting**






**Wednesday, 21 September 2016 at 16:00 – 18:00  
Kopanong Hall, Kendal Power Station**

**ATTENDANCE REGISTER**









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Pehus Mogolane	Kendal P/S		Tel No: Fax No: Cell No: E-mail: Mogolp@eskom.co.za	
Neisive Mahlangu	Kendal Khayalethu House no 1		Tel No: Fax No: Cell No: 0714249735 E-mail:	
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Stanley Cindi	Khyalyathu Village	Khyalyathu Village	Tel No: Fax No: Cell No: E-mail: Tel No: Fax No: Cell No: 0842160775 E-mail:	
Mobyge Madle	Community	Khyalyathu	Tel No: Fax No: Cell No: 0761175111 E-mail:	
Nabila Khosro	Khyalyathu	Khyalyathu	Tel No: Fax No: Cell No: E-mail:	
Miki Shrivani	M. Shrivani		Tel No: Fax No: Cell No: 0713503013 E-mail:	



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Goody PETER	ESKOM	MWP	Tel No: 082920805 Fax No: Cell No: E-mail:				
			Tel No: Fax No: Cell No: E-mail:				

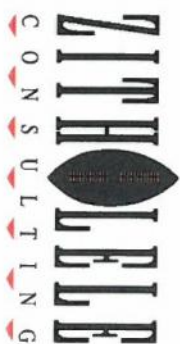
NAME & SURNAME	ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS				SIGNATURE
Pedrus	ESKOW	Kendal	Tel No:	Fax No:	Cell No:	E-mail:	
Eric Nyoni	ESKOW	Khangalethu	Tel No:	Fax No:	Cell No:	E-mail:	
Steven Nyoni	Community	Khangalethu	Tel No:	Fax No:	Cell No:	E-mail:	
Benjamin Dhanini	Zithulele Consulting		Tel No:	Fax No:	Cell No:	E-mail:	
			Tel No:	Fax No:	Cell No:	E-mail:	

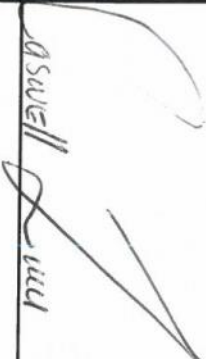







**INTEGRATED ENVIRONMENTAL AUTHORISATION: ENVIRONMENTAL IMPACT  
ASSESSMENT AND WASTE MANAGEMENT LICENCE APPLICATION FOR THE PROPOSED  
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Public Meeting




Wednesday, 21 September 2016 at 16:00 – 18:00  
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**ATTENDANCE REGISTER**



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 Lordrick Moya;		 Mphahlethu	Tel No:	Fax No:	Cell No: 0764656161	E-mail:	
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