

INTEGRATED ENVIRONMENTAL AUTHORISATION AND WATER USE LICENSE APPLICATION

Proposed 30 Year Ash Disposal Facility for Kendal Power Station, near Ogies, Mpumalanga Province

DEA REF: 14/12/16/3/3/3/68 and NEAS REF: DEA/EIA/0001624/2013

Comments and Responses Report Draft Environmental Impact Assessment Report Version 4

All additions from the CRR Version 3 in the DEIR is shown in underlined text.

The Comments and Responses Report (CRR) captures the comments and issues raised by stakeholders during the Scoping phase of the Environmental Impact Assessment (EIA), Draft Environmental Impact Assessment Report (DEIR) phase and Water Use License Application processes for the proposed 30 Year Ash Disposal Facility at Kendal Power Station (KPS), Mpumalanga Province.

This CRR is a record of all the comments and issues raised by Stakeholders ranging across all sectors of society during the Scoping and EIR phase.

ABBREVIATIONS/ACRONYMS:

ADF	Ash Disposal Facility	BA	Basic Assessment
Clr	Councillor	COD	Chemical Oxygen Demand
CSY	Coal Stockyard	DEIR	Draft Environmental Impact Report
DMR	Department of Mineral Resources		
DSR	Draft Scoping Report	EAP	Environmental Assessment Practitioner
EIA	Environmental Impact Assessment	EMC	Environmental Monitoring Committee

EMP	Environmental Management Programme	EIR	Environmental Impact Report		
EMS	Environmental Management Services/System	FGM	Focus Group Meeting		
FSR	Final Scoping Report	FEIR	Final Environmental Impact Assessment		
GN	Government Notice	Ha	Hectares		
I&APs	Interested and/or Affected Parties	ISO	International Organisation for Standardisation	KCPF	Kendal
	Community Policing Forum				
LoM	Life of Mine	m ²	Meter Squared		
MDEDET	Mpumalanga Department of Economic Development, Environment and Tourism	MES	Minimum Emission Standards		
MRA	Mining Right Application	MWP	Megawatt Park		
NEM	National Environmental Management	NWA	National Water Act		
NEM:AQA	National Environmental Management: Air Quality Act	PAH	Polycyclic Aromatic Hydrocarbon (compound)		
Ptn	Portion	PRA	Prospecting Right Application		
SAGL	Suid Afrikaanse Grond Laboratorium	ToR	Terms of Reference		
VOC	Volatile Organic Compound	WMLA	Waste Management License Application		
WULA	Water Use License Application				

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1. SCOPING PHASE - MEETINGS				
1.1 FGM 20 June 2013				
1.1.1	It was asked how Eskom is managing the leachate that is being produced during the disposal of waste.	KHOZA, Hlahla eMalahleni Local Municipality	FGM: District & Local Municipalities 20 June 2013	<p>The Power 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.</p> <p>Tobile Bokwe, Eskom</p> <p>On the proposed development a liner system will be put in place, which will have a leachate collection system. There will also be a ground water monitoring system in place.</p> <p>Nevin Rajasakran, Director</p>
1.1.2	What impact this project will have on the air quality and whether it will add to the deteriorating state?	FENYAWE, Priscilla eMalahleni Local Municipality	FGM: District & Local Municipalities 20 June 2013	<p>The impacts will be evaluated by the specialists who will conduct an air quality assessment. From this assessment Zitholele can determine the degree and significance of the impact and propose suitable mitigation measures.</p> <p>Mathys Vosloo, EAP</p> <p>In terms of the engineering design we have made provision for an irrigation system that will aid in dust suppression in the area.</p> <p>Nevin Rajasakran, Director</p> <p>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 is not a capacity increase in terms of the emissions. The only thing we are taking care of is the space that takes the</p>

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				ash Christopher Nani, Eskom
1.1.6	It was asked what is going to happen to the current facility that is being used? Will it be rehabilitated?	FENYAWE, Priscilla eMalahleni Local Municipality	FGM: District & Local Municipalities 20 June 2013	The current ash facility 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 Boipelo Molema, Eskom
1.1.3	It was asked if procurement / employment guidelines are given to contractors that have been awarded the contract.	MASHIYANE, Clr Harry eMalahleni Local Municipality	FGM: Stakeholders 20 June 2013	Guidelines are provided to the appointed contractor. Bongani Simelane, Eskom
1.1.4	It was asked whether there will be any job opportunities for the local people and will there be any opportunity for skills transfer to the young people in the area.			Eskom's existing work force will be used. Mathys Vosloo, EAP In addition to the above there is no job creation associated with this proposed project. The lining work of the facility required skilled labour and will be done by specialists. The rest of the work will be done by Eskom's existing work force. Tobile Bokwe, Eskom
1.1.5	It was asked whether there are any farm dwellers on the Site Alternatives and if so, what will happen to them.			Should there be communities that need to be moved it will be done through Eskom who will go and negotiate with those that are affected. A social impact assessment will be undertaken to identify if there are any dwellers in the sites that are identified. Mathys Vosloo, EAP
1.1.7	It was asked whether there are any government owned property in the various Site Alternatives.	NOBELA, Merridew Dept of Public Works, Roads & Transport	FGM: Stakeholders 20 June 2013	There are no government owned property. Mathys Vosloo, EAP
1.1.8	Kusile Mining has prospecting rights in the area. Should site H be the chosen site what are the rules of engagement between Eskom and Kusile Mining since	PHELE, Mr Tlotlo Kusile Mining	FGM: Stakeholders 20 June 2013	Site H has been eliminated as a potentially feasible site due to the extent of services that will have to be relocated and the destruction of a seasonal pan where greater and lesser flamingos have been recorded

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	Kusile Mining has prospecting rights near Site H.			<p>during some parts of the high flow period. The area encompassed by site H may be affected by potential conveyor alignment. Eskom will avoid sterilisation of mineral rights as far as possible, and will enter negotiations with Kusile Mining at an early stage as a starting point to find a mutually beneficial arrangement.</p> <p>Mathys Vosloo, EAP</p> <p>Updated reponse: In 2014 Site H was re-introduced into the project and has become the preferred site. Refer to Chapter 7 of the DEIR for more details of the site selection process. Kusile Mining is a registered stakeholder and have been consulted with about this Site. Kusile Mining have indicated that they have no objections to Site H.</p> <p>Tania Oosthuizen, EAP</p>
1.1.9	It was asked what will the lining cost.	RIGGS, Ivan Dept of Agriculture, Forestry & Fisheries	FGM: Stakeholders 20 June 2013	<p>Zitholele estimate it to be approximately R450/m². The reason for this is that the authorities want a H:H lagoon barrier system.</p> <p>Nevin Rajasakran, Director</p>
1.1.1 0	It was asked where the clay will be sourced.			<p>The composite system is made up of 900ml of clay and leachate collection system. It's not easy to get institute clay, therefore we can use geosynthetic clay liners. However, when we look at the design we must look at the reaction to leachate that it does not seep through. Alternatively, HDP liners or higher can be used.</p> <p>Nevin Rajasakran, Director</p>
1.1.1 1	It was asked how the drain slope will affect the site preparation.			<p>The flatter the terrain the better but for now one has to work with what is available.</p> <p>Nevin Rajasakran, Director, Zitholele Consulting</p>
1.1.1 2	An electronic copy (shape file) of the Site Alternatives as well as a meeting with Zitholele Consulting was requested.	PHELE, Mr Tlotlo Kusile Mining (Pty) Ltd	FGM: Stakeholders 20 June 2013	<p>The shape files were e-mail on 27 June 2013.</p> <p>Mathys Vosloo, EAP</p> <p>All mining houses in the study area were invited to</p>

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				<p>attend the FGM. However, a meeting as requested will be arranged.</p> <p>Nicolene Venter, Snr PPP</p> <p>Post-meeting note: A FGM with Mining Houses was conducted on 28 June 2013 at KPS.</p>
1.1.1 3	An electronic copy (shape file) of the Site Alternatives was requested.	RIGGS, Ivan Dept of Agriculture, Forestry & Fisheries	FGM: Stakeholders 20 June 2013	<p>The shape files were e-mailed.</p> <p>Mathys Vosloo, EAP</p>
1.2 Public Meeting 20 June 2013				
1.1.1	Will any agricultural land will be affected? AFGRI Kendal has silos near site F.	Mr Make	Public Meeting: 20 June 2013 Phola Community Hall	<p>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.</p>
1.1.2	Mr Skosana asked what impacts will this proposed development have on the community of Phola in terms of the air quality?	Mr Skosana	Public Meeting: 20 June 2013 Phola Community Hall	<p>Dr Mathys respond that if a health issue is picked up than the health specialist would have to come and do an assessment.</p> <p>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.</p> <p>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</p>

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				direction of Phola.
1.1.3	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 Makoma Lekalakala	Public Meeting: 20 June 2013 Phola Community Hall	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.
1.1.4	What will the height of the facility be?	Ms Makoma Lekalakala	Public Meeting: 20 June 2013 Phola Community Hall	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.
1.1.5	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.
1.1.6	Another concern was the issue of mist as there are a lot of trucks on the road. 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.
1.1.7	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.
1.3 FGM (Mining Houses) 28 June 2013				
	Site B			
1.3.1	It was pointed out that Anglo American has mining rights and prospective licensing for coal mining.	DUROW, Leonard Anglo American	FGM: Mining Houses 28 June 2013	The prospective mining rights on Site B are noted. The feasibility of site B will be investigated further in the EIR phase and in the event that site B emerges as the preferred alternative negotiations between Anglo American and Eskom will commence. Eskom and the EIA project team are cognisant of mineral and prospecting rights in the area and where possible will avoid sterilising these resources. Mathys Vosloo, EAP
1.3.2	Small piece need to be negotiated with			The mining right is noted as per the FGM. See

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	Anglo for the reason that a small part on the North Eastern part of the site falls within their mining rights.			response above in 4.2.1. Mathys Vosloo, EAP
1.3.3	Shanduka Coal was mining at this site.			The presence of mining by Shanduka Coal was pointed out by representatives of Shanduka Coal and further consultation with Shanduka will be undertaken during the EIR phase. Mathys Vosloo, EAP
1.3.4	It was stated that Kusile Mining has prospecting rights and have applied for mining rights for Ptn 38 and 88.	PHELE, Mr Tlotlo Kusile Mining	FGM: Mining Houses 28 June 2013	It was agreed between the parties that Eskom will enter into negotiations at an early stage with Kusile Mining in it becomes evident that prospecting and mineral rights may be affected adversely. Kusile Mining, and all other Mining Houses for that matter, will be informed throughout the EIA process as per the regulations. Mathys Vosloo, EAP
Site C				
1.3.5	Anglo Coal and Kusile Mining has no concern with Site C.	DUROW, Leonard Anglo American and PHELE, Mr Tlotlo Kusile Mining	FGM: Mining Houses 28 June 2013	No concern noted by the EIA Project Manager. Mathys Vosloo, EAP
Site D				
1.3.6	The project team was informed that Homelands Company are possibly mining in the area and that Ingwe Mining was looking to mine on sections of the Site D. There is a possibility that Zibuluko Mine conveyors traverses Site D.	DUROW, Leonard Anglo American	FGM: Mining Houses 28 June 2013	The project team has tried to elicit comments from Homelands and Ingwe Mining, but has received none. More intense consultation with these Mining Houses will be undertaken early in the EIR phase. The presence of a coal conveyor across site D along a north-south alignment has been confirmed, and this will be included in the feasibility assessment of site D in the EIR phase. Mathys Vosloo, EAP Updated response Site D has been eliminated as a feasible site alternative

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				because it is more than 80% undermined. Site H is currently the preferred alternative. Tania Oosthuizen, EAP
Site F				
1.3.7	<p>Anglo American has a problem with Site F for the following reasons:</p> <ul style="list-style-type: none"> • Anglo coal conveyors are running through this site and no activity is allowed to take place next to these conveyors. • Anglo also plans to mine in this area. • There are three oil pipelines (20, 40 and 60 inches in size) at Bankfontein 216 IR. • There is Shanduka coal, West Coal and Homelands mining in the area • There is also underground mining, but could not be confirmed 	DUROW, Leonard Anglo American	FGM: Mining Houses 28 June 2013	<p>The conveyors and mining activities on site F are noted. Given the fact that the EIA is still in the Scoping Phase Site F has not been excluded and in the event that site F emerges as the preferred alternative, Eskom will enter into negotiations with all affected Mining Houses on site F. Eskom and the EIA project team are cognisant of mineral and prospecting rights in the area and where possible will avoid sterilising these resources. The feasibility of site F will be investigated in light of this new information in the EIR phase of the project.</p> <p>Mathys Vosloo, EAP</p> <p>Updated response Site F has been eliminated as a feasible site alternative. Site H is currently the preferred alternative. Tania Oosthuizen, EAP</p>
1.3.8	It was furthermore stated that if the area can be reduced then Anglo will be open for negotiations	DUROW, Leonard Anglo American	FGM: Mining Houses 28 June 2013	<p>The EIA project team and engineers undertaking the conceptual design do strive to minimise the ash disposal footprint and optimise the design to avoid sensitive environments and mining areas. Ways to minimise the ash disposal facility footprint and capacity will be investigated in the EIR phase.</p> <p>Mathys Vosloo, EAP</p> <p>Updated response Site F has been eliminated as a feasible site alternative. Site H is currently the preferred alternative. Tania Oosthuizen, EAP</p>
1.3.9	It was indicated that Kusile mining would	PHELE, Mr Tlotlo	FGM: Mining Houses	The Project Manager informed Kusile Mining where the

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	like to mine on Ptn 20 and enquired how the conveyors will be placed.	Kusile Mining	28 June 2013	likely potential conveyor alignments may be placed on a map of the proposed project alternatives. It was agreed between the parties that Eskom will enter into negotiations at an early stage with Kusile Mining in it becomes evident that prospecting and mineral rights may be affected adversely. Kusile Mining, and all other Mining Houses for that matter, will be informed throughout the EIA process as per the regulations. Mathys Vosloo, EAP Updated response Site F has been eliminated as a feasible site alternative. Site H is currently the preferred alternative. Tania Oosthuizen, EAP
General				
1.3.1 1	Kusile Mining does not have a problem with all four Site Alternatives presented.		FGM: Mining Houses 28 June 2013	Comment noted. Mathys Vosloo, EAP
1.3.1 2	Once the information regarding the conveyor alternatives are available, Kusile Mining would like to be involved on how the conveyors will be planned.	PHELE, Mr Tlotlo Kusile Mining	FGM: Mining Houses 28 June 2013	Further consultation with Kusile Mining will be undertaken as soon as feasible conveyor alignments have been identified during the draft concept design period. Mathys Vosloo, EAP Updated response Site H is the preferred site. It will have a very short conveyor as it is located closest to the Power Station. The short conveyor route of Site H will traverse only Eskom-owned land. Tania Oosthuizen, EAP
1.4 FGM (Mining Houses) 4 July 2013				
1.4.1	The concern was raised as to how this project might impact on their groundwater because they have a borehole near the	TJALE, Alucia Shanduka Coal	FGM: Mining Houses 4 July 2013	Currently the project is in the Scoping Phase. A number of specialists have been identified and recommended for this project which amongst other includes

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	proposed site D			<p>Groundwater. Detailed information will be provided later during the EIA process.</p> <p>Mathys Vosloo, EAP</p> <p>Updated response Site D is no longer being considered as a feasible site alternative as it is extensively undermined. Site H is the preferred site. The groundwater impact assessment (Appendix F4) also indicate that the lined ADF will not have a significant pollution plume during its operational life. The report states that the plumes are essentially limited to the immediate vicinity of the ADF and associated footprint areas. Also, due to the low seepage rate from the lined ADF, no significant pollutant load is predicted and associated concentrations disperse in the shallow weathered aquifer underlying the ADF.</p> <p>Mathys Vosloo, EAP</p>
1.4.2	It was enquired as to where Shanduka Coal is currently mining in relation to KPS.	RAJASAKRAN, Nevin Zitholele Consulting	FGM: Mining Houses 4 July 2013	<p>There is no mining taking place at Leeufontein site and neither one of the four sites affect Shanduka Coal unless for future mining.</p> <p>Granny Kgole, Shanduka Coal</p>
1.3.1 0	It was requested that shape files be provided to enable Shanduka Coal to identify their Mining Right areas.	KGOLE, Ms Granny Shanduka Coal	FGM: Mining Houses 4 July 2013	<p>Shanduka will look at all four identified sites and provide feedback in terms of how Shanduka Coal will be impacted with 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.</p> <p>Nevin Rajasakran, Zitholele Consulting</p> <p>Updated response A meeting was held with Shanduka on the 10th of September 2013 whereby valuable information was</p>

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				obtained. <i>Tania Oosthuizen, EAP</i>

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2 SCOPING PHASE - CORRESPONDENCE				
2.1 Letter from SAHRA 18 June 2013				
2.1.1	<p>In terms of Section 38(8) of the NHRA, before any development proposed in terms of NEMA (No. 14 of 2009) is approved. It is incumbent on the developer to ensure that any potential impacts to heritage resources are assessed to the satisfaction of the relevant heritage authority. Any Heritage Impact Assessment completed must assess the impact of this proposed development on all heritage resources. Appropriate mitigation, which involves recording, sampling and dating sites that are to be destroyed, may be required depending on the nature and significance of the resources identified.</p> <p>Interim Comment SAHRA will await the submission of the Heritage Impact Assessment before commenting further. Please submit this report to SAHRA via SAHRIS (www.sahra.org.za/SAHRIS) as soon as it is completed.</p> <p>Please note that a Final Comment must be issued by SAHRA before any development can proceed</p>	LAVIN, Jenna SAHRA	Letter: 18 June 2013	<p>The Heritage Impact Assessment Report will be submitted to SAHRA (through SAHRIS) once completed.</p> <p>Nicolene Venter, Snr PPP</p> <p>Updated Response The final Heritage Impact Report (Appendix F5) has been submitted to SAHRA (through SAHRIS) at the same time as the DEIR was made available for public comment.</p> <p>Tania Oosthuizen, EAP</p>
2.2 Letter from Emalahleni Municipality				
2.2.1	eMalahleni is being identified as a high priority area in terms of Air Pollution	FENYANE, Ms P Environmental Manager:	Letter: 15 July 2013	This statement cannot be refuted and the EIA project team is very aware of the local air quality status in the region. The EIA team will ensure that local and

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		eMalahleni Local Municipality		<p>cumulative impacts from the proposed development will be comprehensively investigated by the air quality specialist during the EIR phase and implementable and effective mitigation measures are recommended.</p> <p>Mathys Vosloo, EAP</p> <p>Updated response The Air Quality Impact Assessment has been finalised and is available in Appendix F1.</p> <p>Tania Oosthuizen, EAP</p>
2.2.2	This kind of a project might have an impact on the already affected air quality in the area. Another concern is the issue of leachate management and will systems be put in place for ground water monitoring			<p>Impact on existing air quality is noted and the response in 2.2.1 is also applicable here. With regards to the leachate management and potential ground water pollution, a DWS approved liner system will be installed to prevent pollution due to leachate. Further a leachate monitoring system will be installed as part of the liner to monitor leachate production. A Groundwater monitoring programme will also be investigated as part of the Environmental Management Programme for the project.</p> <p>Mathys Vosloo, EAP</p> <p>Updated response Please refer to the Conceptual Engineering Report (Appendix E) for the details of the barrier system and to Appendix F4 for the Groundwater Impact Assessment. The EMPr in Appendix G summarises the mitigation and monitoring programmes</p> <p>Tania Oosthuizen, EAP</p>
2.2.3	The question was raised regarding the possible plans for the rehabilitation of the current ash facility once it's no longer used.			<p>The current ash facility will be rehabilitated in its entirety before the facility can be decommissioned. It is proposed with the new ash facility that rehabilitation will occur concurrently with ash deposition in order to reduce air quality and surface water impacts.</p> <p>Mathys Vosloo, EAP</p>

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2.3 Letter from Dr J Meyer				
<p>It should be noted that the original comments have been summarised for the purpose of the DEIR CRR. It was included in detail in the FSR CRR. The original letter from Dr Meyer can be viewed in Appendix C5.</p>				
2.3.1	<p>Section 1.1 of DSR: The DSR does not provide comprehensive analytical descriptions of the waste to be disposed of, nor does it provide literature on the composition thereof.</p>	<p>MEYER, Dr JA Appointed Consultant for TOPIGS SA (Pty) Ltd</p>	<p>Report: 18 July 2013</p>	<p>A comprehensive description of the waste to be disposed of will be undertaken during the EIR phase of the project. Mathys Vosloo, EAP</p> <p>Updated Response A Waste Assessment Report was undertaken by Jones and Wagener in March 2013. Please refer to Appendix B of Appendix E (Conceptual Engineering Report) for the full report.</p> <p>The report states that, in terms of the DEAs waste classification system, the ash is classified as a Type 3 waste (low hazard waste), which requires disposal on a landfill with a Class C barrier system. This classification was the result of the leachable concentration of boron and the total concentration of barium and fluoride in the ash. Tania Oosthuizen, Zitholele Consulting</p>
2.3.2	<p>Wetlands Sections 3.2.2; 3.3 and 3.5 of the DSR refer: The report raised concern regarding the buffer zones around water features that were used during the site identification process.</p> <p>It warned about the restrictions of locality imposed by the National Water Act and its regulations.</p>	<p>MEYER, Dr JA Appointed Consultant for TOPIGS SA (Pty) Ltd</p>	<p>Report: 18/07/2013</p>	<p>The buffer of 500 m was only applied to the Wilge River as a no-go+ area when water resources were considered due to the importance of the Wilge River in the Olifants River WMA. Further tributaries and streams were assigned a minimum buffer of 100 m, which cumulatively with the rest of the criteria used during the site identification process, provided an indication of the developable areas. The areas identified at the conclusion of this process only reflect the maximum area that may potentially be available for an ash facility. As you will notice the disposal site footprint is smaller, and in some of the areas considerably smaller than the</p>

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				<p>delineated areas. This specifically allows optimal placement of an ash facility within the identified area. This implicitly includes maximum avoidance of water sources where possible.</p> <p>Mathys Vosloo, EAP</p> <p>Updated Response Detailed specialist studies have been undertaken in the DEIR phase (Appendix F). Wetlands are very common in this part of the county and no sites could be identified which completely avoid water features. The preferred site (Site H) will destroy a pan and will also impact on other wetland features. Zitholele and Eskom have engaged with both the DEA and the DWS on the preferred site. Refer to Appendix C9 for the minutes of the authority consultation. The DWS have requested that a Wetland Offset Study be undertaken, which is currently in progress. Refer to Appendix F14 for the wetland offset report at its current level of completeness.</p> <p>Tania Oosthuizen, EAP</p>
2.3.3	<p>Impact Assessments: Air and Water Quality: <u>Sections 3.2.2: 3.3 and 3.5 refer again:</u> The report raised concerns regarding the non-inclusion of GN 32816 (National Air Quality Standards) in legislation considered.</p>	MEYER, Dr JA Appointed Consultant for TOPIGS SA (Pty) Ltd	Report: 18/07/2013	<p>The National Air Quality Standards (GN 32816) has been included in the FSR and will be considered in the EIA process.</p> <p>Mathys Vosloo, EAP</p> <p>Updated Response The National Air Quality Standards (GN 32816) have been considered by the Air Quality Specialist Study (Appendix F1) which has been incorporated into the DEIR.</p> <p>Tania Oosthuizen, EAP</p>
2.3.4	<p>Impact Assessments: Air and Water Quality:</p>	MEYER, Dr JA Appointed	Report: 18/07/2013	<p>Your concerns regarding the composition hazardous nature of the ash has been noted in the FSR. This will</p>

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	<p>Sections 3.2.2; 3.3 and 3.5 refer again: The report raised concerns related to the hazardous substances relevant, current baseline values and appropriate sources, pathways and receptors relating to the dispersal of fly ash and air quality at large.</p> <p>It questioned who the Water Research Council is and if it should be changed to the Water Research Commission.</p>	<p>Consultant for TOPIGS SA (Pty) Ltd</p>		<p>be assessed in the EIR phase. Mathys Vosloo, EAP</p> <p>Updated Response Detailed Specialists reports have now been undertaken to address this concern (Appendix E and F). The results thereof have been included in the DEIR. Tania Oosthuizen, EAP</p> <p>Water Research Commission was intended and corrected. Mathys Vosloo, EAP</p>
2.3.5	<p>Impact Assessments: Air and Water Quality: <u>Sections 3.2.2; 3.3 and 3.5 and Sections 5.2.2 & 10</u></p> <p>The report provided a list of key aspects that should be considered specifically in the Waste Assessment and Air Quality Specialist Studies.</p> <p>The need for monitoring programmes is stated.</p>	<p>MEYER, Dr JA Appointed Consultant for TOPIGS SA (Pty) Ltd</p>	<p>Report: 18/07/2013</p>	<p>Your concerns regarding the composition hazardous nature of the ash has been noted in the FSR. This will be assessed in the EIR phase. Mathys Vosloo, EAP</p> <p>Updated Response Detailed Specialists reports have now been undertaken, specifically the Waste Assessment Report (Appendix B of Appendix E) and the Air Quality Impact Assessment (Appendix F1). The results of the studies have been incorporated into the DEIR.</p> <p>The DEMP (Appendix G) includes a section on the proposed monitoring programme.</p> <p>You are invited to review these reports and provide your comments during the DEIR review period. Tania Oosthuizen, EAP</p>
2.3.6	<p><u>Mining Activities</u> It is noted in section 8.6.3 of the DSR regarding %sensitivities+ that existing mineral rights exist on numerous</p>	<p>MEYER, Dr JA Appointed Consultant for TOPIGS SA (Pty)</p>	<p>Report: 18/07/2013</p>	<p>Information on mineral and prospecting rights has been requested through official channels from the DMR more than 3 months ago already. Information has also been obtained from mining houses that may be affected.</p>

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	properties in the study area. More detail would be beneficial regarding proposed prospecting rights, planned mining permits etc., in the area as this will conceivably influence aspects relating to the impact assessment process as sources and pathways may be altered.	Ltd		Confirmation of all land parcels will be completed early in the EIR phase and will factor into the assessment of the identified sites. Mathys Vosloo, EAP Updated Response The mining information that could be obtained is contained in Chapter 6 of the DEIR. Tania Oosthuizen, EAP
2.3.7	<u>Construction:</u> No mention is made of handling the waste stream from human effluent and other hazardous wastes associated with the construction phase, both of the ash dump and conveyor systems. No indication is given of the number of people involved and assurances to prevent contamination of the environment (including wetlands, surface and groundwater) by their waste and construction-related hazards.	MEYER, Dr JA Appointed Consultant for TOPIGS SA (Pty) Ltd	Report: 18/07/2013	It is argued that this information will be assessed in the EIR phase. Mathys Vosloo, EAP Updated Response For information on the handling of the waste stream, please refer to Appendix E. Appendix D of Appendix E, specifically illustrate the water balance in diagram form. This includes the handling of dirty water. For information regarding the prevention of contamination during the construction phase, refer to Appendix G (DEMP) for the specific mitigation measures proposed during this phase. Tania Oosthuizen, EAP
2.3.8	General The sources, pathway and receptor approach is fundamental to the assessment of hazards and risks and accepted world-wide, and implied in the relevant NEMA and NWA Acts. Observation in terms of sampling, analytical determination and transparent reporting, of the relevant potentially	MEYER, Dr JA Appointed Consultant for TOPIGS SA (Pty) Ltd	Report: 18/07/2013	Noted. Mathys Vosloo, EAP Updated Response We believe that a Source-Path and Receptor approach was taken to the specialist studies, with specific mention of the following: Appendix F1: Air Quality Appendix F4: Groundwater Appendix F5: Surface Water

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	hazardous constituents should be included for all these aspects noted in the points above (waste stream and other possible sources; pathways as relevant, e.g. air, soil, water, plant; for relevant receptor types).			Appendix F13: Wetland You are invited to review these reports and provide your comments during the DEIR review period. Tania Oosthuizen, EAP
2.4 Letter from Kusile Mining				
2.4.1	In response to the DSR Comment Form question as to whether stakeholders questions, concerns, issues and suggestions have been capture the response was: <i>Yes, but there has been no feedback</i>	PHELE, Mr Tlotlo Kusile Mining (Pty) Ltd	DSR Comment Form: 24 June 2013	The comments previously received from Kusile Mining (Pty) Ltd were on the Kendal Continuous Ashing Project and not the proposed 30yr Ash Facility at KPS project. This comment has been forwarded to the project team dealing with the Kendal Continuous Ashing Project at KPS. Nicolene Venter, Snr PPP
2.4.2	Get the electronic map of the four proposed sites and overlay them on the Kusile Mining portions.			This request was executed and the maps presented at the meeting held on Thursday 4 July 2013. Nicolene Venter, Snr PPP
2.4.3	Propose a meeting between Kusile Mining, Eskom and Zitholele			

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3 IMPACT PHASE - MEETINGS				
3.1 BHB Billiton (Ingwe Surface Holdings) Meeting 28 August 2014				
3.1.1	Information was requested from BHP on the location of their surface and mining rights, as this is necessary for the site selection process.	OOSTHUIZEN, Tania EAP Zitholele Consulting	BHB Billiton (Ingwe Surface Holdings): FGM: 28 August 2014	<p>BHP has mining rights for two mines (Khutuka and Klipsruit) in the area. These mines will be affected by the site alternatives %D+and %E+.</p> <p>It was indicated that the Khutala Mine supplies KPS; and that both mines have a remaining LoM of well over 20 years.</p> <p>Johan Muller, BHP Billiton/Khutala Colliery</p> <p>On 22 October 2013, Johan Muller emailed a map showing the BHP mining right areas. These areas cover most of Site D and a portion of Site F</p> <p>MULLER, Johan BHP Billiton/Khutala Colliery</p>
3.2 Shanduka Mining Meeting 10 September 2013				
3.2.1	The Shanduka operation that is closest to the KPS is Leeuwfontein Colliery.	MUNGAROO, Sunil	Shanduka Mining FGM: 10 September 2013	The team take note of this information. Tania Oosthuizen, EAP
3.2.2	Shanduka Mining has 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). Lakeside and Leeuwfontein are in a state of care and maintenance. Bankfontein is almost entirely mined out.	Group Manager: Health & Safety Shanduka Coal		
3.2.3	Bankfontein has been totally opencast mining, Lakeside and Leeuwfontein was a combination of open cast and underground mining.			Undermined areas are a problem for the proposed ADF project, especially from a geotechnical point of view. Tania Oosthuizen, EAP
3.2.4	A copy of the landowner information	MUNGAROO,	Shanduka Mining	The landowner database was sent, together with the

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	database was requested.	Sunil Group Manager: Health & Safety Shanduka Coal	FGM: 10 September 2013	minutes of the meeting to Shanduka via email on 26 September 2013. Tania Oosthuizen, EAP
3.2.5	There is a possibility of utilising the Bankfontein area as a site for the 30 yr ADF as it falls within the current Site F. A site of between 550 and 770 ha is required for the 30-year ash dump based on the design.	OOSTHUIZEN, Tania EAP, Zitholele Consulting	Shanduka Mining FGM: 10 September 2013	There are about 260 ha immediately available on Bankfontein. Shanduka Mining was also approached by Eskom to utilise this site for Kusile's Coal Stock Yard (CSY). Sunil Mungaroo, Group Manager: Health & Safety, Shanduka Coal
3.3 Wescoal Mining Meeting 04 November 2013				
3.3.1	Information was requested from Wescoal on the location of their surface and mining rights, as this is necessary for the site selection process.	OOSTHUIZEN, Tania EAP Zitholele Consulting	Wescoal Mining (Pty) Ltd FGM: 04 November 2013	<p>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 %E+.</p> <p>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).</p> <p>Wescoal leases the Heuvelfontein property, but has the surface rights for the Vlakvarkfontein Colliery.</p> <p>Bioth sites will be affected by underground mining. At Khanyisa, underground mining is being undertaken by Wescoal and on Intibane, historical undermining took place.</p> <p>At both Collieries, the remaining Life of Mine is probably less than 5 years.</p> <p>Martin Bartle, Wescoal Mining General Manager</p>

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3.4 Anglo Central Services Meeting 12 November 2013				
3.4.1	A request was made for more information from Anglo on the location of their surface, mining and prospecting rights, as this is necessary for the site selection process. It was further explained that Eskom are looking closely at Area F as it appears to be one of the few areas that have been largely mined out.	OOSTHUIZEN, Tania EAP Zitholele Consulting	Anglo Central Services FGM: 12 November 2013	Anglo had prepared a map in preparation for the meeting which was discussed. On 18 November 2013, Leonard Durow emailed a Reg2.2 map of the Zondags Mining Right area. Tania Oosthuizen, EAP
3.4.3	Anglo advised that they have applied for a mining right on the Northern side of Site B (van Dyksput ptn 4 & Heuvelfontein ptn 52 and 36)	DUROW, Leonard Survey Specialist Anglo American/Eyethu Coal	Anglo Central Services FGM: 12 November 2013	Information acknowledged. Tania Oosthuizen, EAP
3.4.4	<p>Anglo's main concern is mainly 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. It is envisaged that a pit (Pit J), will be developed but could not comment on when exactly Anglo American intends on developing it.</p> <p>Anglo informed the team that they have a conveyor belt running through the North Eastern corner of Site F.</p> <p>Anglo also advised the team of the Transnet fuel pipeline running through Area F.</p>			<p>Updated Response</p> <p>Site F is no longer being considered as a feasible site alternative. Site H is currently the preferred site.</p> <p>Tania Oosthuizen, EAP</p>

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3.4.5	Anglo advised that they had committed on wetland offsets on Area F (for their conveyor project). They advised Zitholele Consulting to obtain more information on this from Garry Marnevic from Wetland Consulting Services.	DUROW, Leonard Survey Specialist Anglo American/Coal	Anglo Central Services FGM: 12 November 2013	<p>On 31 January 2014, an email was received from Wetland Consulting Services stating that: <i>the wetland system to the north of Site F has been earmarked for rehabilitation as part of the New Largo offset strategy. No rehabilitation measures are proposed within Site F; they are all located outside the site but in the wetland system draining away from Site F. Construction of the ADF on site F could thus impact on the viability/effectiveness of some of the proposed rehabilitation activities.</i></p> <p>They also attached a map circling the approximate area of the rehabilitation activities in yellow to their email.</p> <p>Tania Oosthuizen, EAP</p> <p>Updated Response Site F is no longer being considered as a feasible site alternative. Site H is currently the preferred site.</p> <p>Tania Oosthuizen, EAP</p>
3.4.7	The relevant person to speak to regarding negotiations for land is Lampies Lambrecht from Anglo.	DUROW, Leonard Survey Specialist Anglo American/Coal	Meeting: Anglo Central Services FGM: 12 November 2013	<p>Information acknowledged and forwarded to Eskom for perusal.</p> <p>Tania Oosthuizen, EAP</p>
3.5 Mbuyelo Meeting 21 January 2014				
3.5.1	More information was requested from Mbuyelo on their surface, mining and prospecting rights, as this is necessary for the site selection process.	OOSTHUIZEN, Tania EAP Zitholele Consulting	Mbuyelo Group (Rirhandzu Colliery) FGM: 21 January 2014	<p>The following information was provided:</p> <ul style="list-style-type: none"> • Mbuyelo is owned by Perisat Investments. They started Rirhandzu mining operations in mid-2013. Mining footprint is still relatively small • Mbuyelo has mining rights on Ptns 1, 4, 9, 10, 11, 12, 14, 15 of the farm Vlakvarkfontein 213 approximately 1400 ha. Their mining area is much smaller. • The maximum LoM of 7-10 years. 10 years only if they put up a washing plant.

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				<ul style="list-style-type: none"> • Rirhandzu Colliery will mine only open pit. There is no historic undermining on Site C. • There is a SASOL high pressure pipeline running through Ptns 4, 12 and 11 of Vlakvarkfontein 213. Nick Rademan, Mbuyelo Group/ Rirhandzu Colliery
3.5.2	Mbuyelo are willing to engage with Eskom in negotiations on their mining right areas.	OOSTHUIZEN, Tania EAP Zitholele Consulting	Mbuyelo Group (Rirhandzu Colliery): FGM: 21 January 2014	Eskom has been informed regarding Mbuyelo Group's willingness. Tania Oosthuizen, EAP Eskom cannot engage in any land negotiations without the EA being issued and land confirmed to be used. All further negotiations will be done with all affected land and/or mining owners during land procurement process which is outside the EIA process. Goody Nkabinde, Eskom
3.5.3	Several suggestions were made with regards to the utilisation of ash in mining voids in order to minimise Acid Mine Drainage.	BOTHA, Louis Position Groundwater Square	Mbuyelo Group (Rirhandzu Colliery) FGM: 21 January 2014	The comment is noted and forwarded to Eskom for a response. Tania Oosthuizen, EAP Updated Response Eskom is currently looking at options of selling ash for recycling purposes (manufacturing of bricks). However, this does not take a lot of ash from site, and the power station still requires a disposal facility. As for ashing inside the mining voids, the safety of this option as it relates to groundwater has not been established in this project and therefore not considered. Emmy Molepo, Eskom
3.5.4	Zitholele will register Nick Rademan of Mbuyelo (Rirhandzu Colliery) and Mariante Herbst of Eco-Gain Consulting on the IAP register for the Kendal 30-year project.	OOSTHUIZEN, Tania EAP Zitholele Consulting	Mbuyelo Group (Rirhandzu Colliery) FGM: 21 January 2014	Post-meeting note: It is confirmed that Mr Rademan and Ms Herbst have been registered on the proposed project's database. Nicolene Venter, Snr PPP
3.5.5	Mbuyelo indicated that they will register	RADEMAN, Nick	Mbuyelo Group	Mbuyelo was thanked.

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	Tania Oosthuizen from Zitholele Consulting and Goody Ntuli from Eskom Lands Rights as IAPs on their database for the BA process they are currently undertaking.	Mbuyelo (Rirhandzu Colliery)	(Rirhandzu Colliery) FGM: 21 January 2014	Tania Oosthuizen, EAP To date no information from Mbuyelo was received. Tania Oosthuizen, EAP
3.6 Meeting Anglo Zibulo Colliery 3 February 2014				
3.6.1	Zitholele Consulting requested more information from Zibulo Colliery on their plans for Vlakvarkfontein Ptns 7 and 8 as this forms part of Site C. If there is a possibility for Eskom to acquire this land, then Goody Ntuli of Eskom Lands and Rights 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.	OOSTHUIZEN, Tania EAP Zitholele Consulting	Meeting with Anglo (Zibulo Colliery): 03 February 2014	Anglo indicated that the western part of the Zondagsfontein Mining Right (Vlakvarkfontein ptns 7 and 8) is earmarked for use by New Largo and Kusile Mining and the eastern part is earmarked for mainly for export from Richardsbay. Johan Swanepoel, Anglo American/ Zibulo Colliery
3.6.2	Further requests from Zitholele to Anglo during this meeting include: <ul style="list-style-type: none"> • the EMP and Mine Works Programme from Zibulo in order to provide more information on this site • A clear copy of the Regulation 2.2. map • an official response from Anglo on this matter 			At the conclusion of the EIR no information as requested above was received from Zibulo Colliery. Tania Oosthuizen, EAP
3.7 Kusile Mining / Eyethu Coal 24 February 2014				
3.7.1	Eskom enquired about the progress on the Kusile Mining/Eyethu Coal Prospecting Rights Application. A request was made for a Mining Plan	NTULI, Goody Chief Advisor Eskom Lands and Rights	Kusile Mining / Eyethu Coal FGM: 24 February 2014	A mining right application has been submitted to the DMR which covers Site H of the Kendal 30-year project. The mining right has not been awarded yet. Michael Elliot, Eyethu Coal

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	going forward.			<p>Updated Response Based on the information contained in the Heuvelfontein Colliery Mining Right EMPr (Geovivon), the prospecting right (mining right application) extends over the following farm portions:</p> <ul style="list-style-type: none"> • Heuvelfontein 215: 6, 8, 20, 28, 31, 51, 57, 58, 73, 7, 21, 22, 24, 25, 27, 29, 32, 38, 44, 46, 47, 53, 60, 61, 63, 64, 72, 73, 78, 79, 87, 89, 92 and 93 • Schoongezicht 218: 24, 27, 38 and 44 <p>Tania Oosthuizen, EAP</p>
3.7.2	Ms Ntuli requested the consultation documents in support of the Mining Right Application.	NTULI, Goody Chief Advisor Eskom Lands and Rights	Kusile Mining / Eyethu Coal FGM: 24 February 2014	<p>Consultation was undertaken on portion 20 of Schoongezicht 218 therefore wider consultation was not undertaken.</p> <p>Tshepo Shakwane, EAP, Geovicon</p> <p>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.</p> <p>Michael Elliot, Eyethu Coal</p>
3.7.3	Was there a MRA submitted covering Site C of the Kendal 30-year project?	NTULI, Goody Chief Advisor Eskom Lands and Rights	Kusile Mining / Eyethu Coal FGM: 24 February 2014	<p>Eyethu Coal is in negotiations with Anglo American to buy the mining rights they hold on Welgelegen 221.</p> <p>Michael Elliot, Eyethu Coal</p>
3.7.4	It was asked if the road will be diverted for the proposed Site H development for the Kendal 30-year project.	ELLIOTT, Michael Chief Operations Officer Eyethu Coal	Kusile Mining / Eyethu Coal FGM: 24 February 2014	<p>The D1390 road will be diverted.</p> <p>Mathys Vosloo, EAP</p>
3.7.5	It was asked whether cores were drilled on Site H.	VOSLOO, Mathys EAP: Zitholele	Kusile Mining / Eyethu Coal	<p>It was indicated that 6 holes were drilled in 2013 with little indication of coal, but need to drill about 40 more</p>

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		Consulting	FGM: 24 February 2014	holes to be sure on Ptns 24 and 38 of Schoongezicht 218, and 74 and 79 of Heuvelfontein 215. Michael Elliot, Eyethu Coal
3.7.6	It was requested whether the mining plans can be made available to Eskom. This will help with decision-making.	NTULI, Goody Chief Advisor: Eskom Lands and Rights	Kusile Mining / Eyethu Coal FGM: 24 February 2014	Eyethu Coal agreed to contact their chief surveyor to obtain mining plans and to email plans to Eskom and Zitholele. Michael Elliot, Eyethu Coal On 15 August 2014, an email was received from Terry Gradidge in which the areas Eyethu Coal intends on mining was indicated. Tania Oosthuizen, EAP
3.7.8	It was suggested that a possible coal swap in the event that coal is found on the Kendal Continuous or Kendal 30-year Site H footprint.	ELLIOTT, Michael Chief Operations Officer Eyethu Coal	Kusile Mining / Eyethu Coal FGM: 24 February 2014	Updated Response Eskom did not agree to this proposal as it need to utilise both the site at Kendal and Duvha Power Stations for its processes Emmy Molepo, Eskom PM
3.8 Kusile Mining / Eyethu Coal 26 August 2014				
3.8.1	Is Eyethu in negotiations with mineral right owners on Ptn 4, 12, 11 and 9 of Vlakvarkfontein 213?	VOSLOO, Mathys EAP Zitholele Consulting	Meeting with Eyethu Coal: 26 August 2014	These Ptns are not part of Eyethu's plans. Ptns 18 and 20 of Welgelegen 221 belong to Eyethu Coal. Michael Elliot, Eyethu Coal
3.8.2	Eskom 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.	MOLEPO, Emmy Eskom Holdings SOC Ltd	Eyethu Coal FGM: 26 August 2014	It was confirmed that Michael Elliott will take this back to the Kusile-Eyethu Board of Directors to issue the letter required. Michael Elliot, Eyethu Coal Updated Response A letter was received from Kusile Mining in January 2015 in which they state that they have considered Eskom's request and confirm that the drilling and prospecting report revealed that no coal reserves were found on the Property. In light of the findings of the prospecting activities, we hereby permit Eskom to

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				proceed with its planned activities on the Property. Tania Oosthuizen, EAP
3.8.3	Is there information on undermining under site H.	OOSTHUIZEN, Tania EAP Zitholele Consulting	Eyethu Coal FGM: 26 August 2014	There is no undermining on site H. Michael Elliot, Eyethu Coal
3.8.4	Will the proposed mining on site C be completed by 2025?		Eyethu Coal FGM: 26 August 2014	Mining will continue beyond 2025, by either Eyethu or Anglo. Michael Elliot, Eyethu Coal
3.8.5	Zitholele enquired whether Eyethu know about underground mining on sites B and F? Zitholele requested that any such information be sent to them, in confidence, in order to help eliminate sites based on underground mining,	OOSTHUIZEN, Tania EAP Zitholele Consulting	Eyethu Coal FGM: 26 August 2014	Zitholele must request this information in a letter. Zitholele will draft the letter and send to Eyethu Coal. Michael Elliot, Eyethu Coal Zitholele emailed the letter requesting information on undermining to Mike Elliott on 27 August 2014 and followed up several times. At the conclusion of the EIR no response was received from Eyethu Coal Tania Oosthuizen, EAP
3.8.6	Is there any underground mining present under site C?		Eyethu Coal FGM: 26 August 2014	Underground mining is present on Vlakvarkfontein 213 Ptns 11 and 12. Michael Elliot, Eyethu Coal
3.8.7	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.	ELLIOTT, Michael Chief Operations Officer Eyethu Coal	Eyethu Coal FGM: 26 August 2014	Information acknowledged. Tania Oosthuizen, EAP
3.9 AFGRI Meeting 6 October 2014				
3.9.1	AFGRI is concerned about the potential health effect caused by dust from the ADF on the people who work at the	DE SOUSA, Jan Operational Manager	Meeting: 06 October 2014	Zitholele suggested a feedback session could be held with AFGRI, and other relevant bodies who they would like to involve from their side, when more studies are

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	AFGRI silos (approximately 20 permanent employees) as well as the farmers and temporary workers who spend time there.	AFGRI		available. Tania Oosthuizen, EAP
3.9.2	AFGRI is concerned about the potential residue left on crops from the ADF dust. It was indicated that the dust may affect the grade of the crops and therefore the price. There are mainly mielies, wheat and soya in this area. Soya is oil based and therefore might be more sensitive to ash dust. It was recommended that the team speaks to Wiana Louw from SAGL about tests / analyses that could be conducted on the crops to determine the effects from the ADF. The concern is about food security.			<p>Updated Response</p> <p>Air quality risk assessment to health in South Africa is evaluated by compliance to the ambient air quality standards. If there is non-compliance with the ambient standards, then there is probably harm to human health. The project should therefore ensure compliance.</p> <p>Regarding crop growth, crops can grow in ash. The only issue that could happen is if the crops get covered with ash, and are then shielded from some of the sunlight which they need for photosynthesis. But the ash is of course washed off when it rains or if there is irrigation.</p> <p>Kristy Langerman, Eskom</p>
3.9.3	It was indicated that products are sent via the railway . Transnet system.			Information acknowledged. Tania Oosthuizen, EAP
3.9.4	AFGRI is concerned about the realignment of the gravel road (D1390) past the silos. Farmers use this road to deliver their crops. If they have to travel further it will have a financial impact on them.	DE SOUSA, Jan Operational Manager AFGRI	AFGRI One-on-One Meeting: 06 October 2014	<p>The proposed road deviation will increase the travelling distance for road users coming from the South by 1.8 km.</p> <p>Tania Oosthuizen, EAP</p> <p>Updated Response</p> <p>Following the finalisation of the design and shape of Site H, it can be confirmed that the additional distance of the re-aligned D13890 will only be 500 m.</p> <p>Tania Oosthuizen, EAP</p>

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3.10 Hardu Prinsloo Meeting 13 October 2014				
3.10.1	The project team was informed that he will be amicable to the Site H for the proposed development of the 30 Year ADF, but is concerned about the lowering of the farm dam wall (part of Kendal Continuous project) as he requires this water to irrigate the crops.	PRINSLOO, Hardu Landowner: Farms Schoongezicht and Heuvelfontein	One-on-One Meeting: 13 October 2014	The information provided was acknowledged. Tania Oosthuizen, EAP
3.10.2	It was stated that Site B would have a detrimental effect on his farming business . it could stop all farming activities.			The information provided was acknowledged and currently it seems that Site H would be recommended as the preferred site for the proposed new ADF. Tania Oosthuizen, EAP
3.10.3	The project team was informed that irrigation takes place throughout the year and the existing dam is the only water source available. To establish a new dam will have a cost implication. Should the existing dams be dry as a result of the Kendal Continuous Project then it would terminate any agricultural activities on the farms.	PRINSLOO, Hardu Landowner: Farms Schoongezicht and Heuvelfontein	One-on-One Meeting: 13 October 2014	The information provided was acknowledged and forwarded to Eskom and the Kendal Continuous project team. Tania Oosthuizen, EAP
3.10.4	It was requested that the environmental specialist must do a thorough assessment of impacts. This comment was raised as none of the environmental specialists accessed his farms to do a detailed assessment, except for the Social Specialists. He invites the environmental specialist to physically assess the impacts of the proposed project on his farms.	PRINSLOO, Hardu Landowner: Farms Schoongezicht and Heuvelfontein	One-on-One Meeting: 13 October 2014	A thorough assessment of the impacts will be done and will be included in the EIR. Tania Oosthuizen, EAP Updated Response Site H was only re-introduced to the project after the initial baseline assessments on Sites B, C and F had been completed. The physical fieldwork on Site H was only done between from 2014. The last specialist field work was done on the pan on Site H as late as April 2016.

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3.10.5	It was mentioned that whichever site is selected as the preferred site, it would have an impact on his workers in terms of loss of employment.	PRINSLOO, Hardu Landowner: Farms Schoongezicht and Heuvelfontein	One-on-One Meeting: 13 October 2014	This information was forwarded to the Social Specialist who incorporated in in their study (Appendix F8) which in turn has been incorporated into this DEIR. Tania Oosthuizen, EAP
3.10.6	It was requested whether the public participation team can meet with the farm workers to inform them regarding the proposed project. This request was submitted to be in line with the EIA Regulations whereby occupants of land must be informed of a proposed development.		One-on-One Meeting: 13 October 2014	It was confirmed that a meeting can be held with the farm workers. Hardu Prinsloo, Landowner A follow-up was made (telephonically) regarding the requested meeting and Mr Prinsloo requested that, to avoid any misunderstanding and unnecessary concern regarding unemployment under his farm workers, that a meeting would not be the recommended method to inform the farm workers. He will inform the Manager / Supervisor of the farm workers regarding the proposed project who in turn will discuss the matter with the farm workers. Nicolene Venter, Snr PPP Updated Response This understanding was once again confirmed with Mr Prinsloo during a meeting on 23 June 2016 and recorded in a letter (minutes) sent to him on 29 June 2016. Tania Oosthuizen, EAP
3.11 Khayaletu Village Meeting 29 November 2014				
3.11.1	Will dust be settling on their houses from the new ash dump?	MAFUWANE, Richard Resident: Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	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

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				<p>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.</p> <p>Tania Oosthuizen, EAP</p> <p>Updated Response</p> <p>The Air Quality Impact Assessment (Appendix F1) has been finalised. There has also been specific correspondence with the Air Quality Specialists regarding the impact on the Khayaletu Village. They have indicated that the impact distances are approximately:</p> <ul style="list-style-type: none"> • dustfall: 300m • PM2.5 annual: 680m • PM10 annual: 840m <p>Khayaletu is approximately 500m east of the Site H footprint. This would mean that the community would likely be impacted by even the mitigated operations, assuming that the 80ha area is used and that it is exposed for a full year (or more).</p> <p>Tania Oosthuizen, EAP</p>
3.11.2	Complaining about the dust blowing in their direction from the current ADF. The community is experiencing health problems, i.e. they cough a lot and suffer from long problems.	MAFUWANE, Richard Resident: Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>This issue is related to the existing ADF, and requested someone from Eskom to respond.</p> <p>Tania Oosthuizen, EAP</p> <p>KPS acknowledged the concern raised by the community. KPS 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 KPS had three monitoring points namely EK001, EK003, EK005 that are the closest proximity (± 3 km) to</p>

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				<p>the village and it can be reported that all these monitoring points results are below the dust fallout residential limit of 600 mg/Nm² per day (450, 300 & 200 mg/Nm² per day, respectively) indicating that KPS 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. KPS therefore confirms that its ADF has sufficient control to manage any potential dust emanating from the site.</p> <p>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 KPS that is few kilometres away from the village.</p> <p>Edwin Setei, Eskom</p>
3.11.3	The residents of Khayaletu Village informed the project team that they are experiencing problems with their water supply.	MALATJIE, Liston Resident Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>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.</p> <p>Tania Oosthuizen, EAP</p> <p>Mr Malatjie'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 is included in the Public Participation Appendices of the DEIR.</p> <p>Nicolene Venter, Snr PPP</p>
3.11.4	The resident of the Khayaletu Village enquired about the timeframe for the EIA process and asked whether they can stay in their houses until 2025?	JINI, Philip Resident: Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>At the meeting the EIA timeframes were given as they were foreseen at that time, i.e. that the EIA will be submitted to the authorities mid-2015. However, subsequent to the meeting several delays were experienced which pushed the schedule out. The community representatives receive SMS updates of the status of the project.</p>

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				<p>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 around the year 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.</p> <p>Tania Oosthuizen, EAP</p> <p>Updated Response</p> <p>The Air Quality Impact Assessment (Appendix F1) has been finalised. There has also been specific correspondence with the Air Quality Specialists regarding the impact on the Khayaletu Village. They have indicated that the impact distances are approximately:</p> <ul style="list-style-type: none"> • dustfall: 300m • PM2.5 annual: 680m • PM10 annual: 840m <p>Khayaletu is approximately 500m east of the Site H footprint. This would mean that the community would likely be impacted by even the mitigated operations, assuming that the 80ha area is used and that it is exposed for a full year (or more).</p> <p>Tania Oosthuizen, EAP</p>
3.11.5	Is Zitholele Consulting independent?	MAKHUBU, Eric Resident: Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	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.

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3.11.6	The resident of Khayaletu Village expressed his confusion regarding the relocation discussions and asked whether Eyethu Coal / Kusile Mining will be relocating them or will Eskom?	MAFUWANE, Richard Resident Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>Tania Oosthuizen, EAP</p> <p>Zitholele Consulting is also uncertain about the plans of the proposed Heuvelfontein mine project. However, should the mining go ahead, then the Mine will have to relocate the residents of Khayaletu Village.</p> <p>Tania Oosthuizen, EAP</p> <p>Updated Response</p> <p>The Air Quality Impact Assessment (Appendix F1) has been finalised. There has also been specific correspondence with the Air Quality Specialists regarding the impact on the Khayaletu Village. They have indicated that the impact distances are approximately:</p> <ul style="list-style-type: none"> • dustfall: 300m • PM2.5 annual: 680m • PM10 annual: 840m <p>Khayaletu is approximately 500m east of the Site H footprint. This would mean that the community would likely be impacted by even the mitigated operations, assuming that the 80ha area is used and that it is exposed for a full year (or more).</p> <p>Tania Oosthuizen, EAP</p>
3.11.7	Will the residents need to be relocated for this proposed project?	NKALA, SImphiwe Khayaletu Village Resident	Khayaletu Village Community Consultation Meeting: 29 November 2014	The previous Response refers
3.11.8	If the project goes ahead and Site H is the preferred site, what benefit will there be to the children of their community?	MAKUPE, Eric Resident Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>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.</p> <p>Tania Oosthuizen, EAP</p>

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				<p>Updated Response</p> <p>The Social Impact Assessment (Appendix F8) states that the proposed Kendal 30 year ADF will be constructed and operated by current Eskom employees. It is not anticipated that significant employment creation will take place. Although no new opportunities will be created, the proposed facility will ensure job security for the current employees, and contribute to their skills development.</p> <p>Tania Oosthuizen, EAP</p>
3.11.9	The resident of Khayaletu Village indicated that they were dumped here some years ago and asked what will happen to them now.	MASEKO, Elli and KABINI Sipho Resident Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>If Site H, as presented earlier, is the preferred site for this proposed project, and the proposed Heuvelfontein 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 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.</p> <p>Tania Oosthuizen, EAP</p> <p>Updated Response</p> <p>The Air Quality Impact Assessment (Appendix F1) has been finalised. There has also been specific correspondence with the Air Quality Specialists regarding the impact on the Khayaletu Village. They have indicated that the impact distances are approximately:</p> <ul style="list-style-type: none"> • dustfall: 300m • PM2.5 annual: 680m • PM10 annual: 840m <p>Khayaletu is approximately 500m east of the Site H</p>

No.	I&AP Comment	Commentator	Form & Date of Comment	Response
				<p>footprint. This would mean that the community would likely be impacted by even the mitigated operations, assuming that the 80ha area is used and that it is exposed for a full year (or more).</p> <p>Tania Oosthuizen, EAP</p>
3.11.10	Are there any graves in close proximity to Khayaletu Village that the residents are aware of?	OOSTHUIZEN, Tania EAP: Zitholele Consulting	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>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.</p> <p>Richard Mafuwane, Resident, Khayaletu Village</p>
3.11.11	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.	MAFUWANE, Richard Resident: Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>This information will be forwarded to Geovicon, the environmental consultants appointed by Eyethu Coal / Kusile Mining to conduct the EIA for the newly proposed coal mine.</p> <p>Tania Oosthuizen, EAP</p>
3.11.12	Requested that the public participation team should approach Mr Mr Bongani Mafuwane should the Youth need to be consulted with. He is their contact person.	MOTHA, Dumisani Resident: Khayaletu Village	Khayaletu Village Community Consultation Meeting: 29 November 2014	<p>Acknowledges the information and confirm that Tricia Njapha will be in contact with Mr Bongani Mafuwane, as and when required.</p> <p>Tania Oosthuizen, EAP</p>
3.11.3	Requested whether the social report can be made available to them and translated into Zulu.			<p>Confirmed that the Report will be made available.</p> <p>Ilse Aucamp, Social Impact Assessment Specialist,</p> <p>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.</p> <p>Nicolene Venter, Snr PPP</p> <p>For clarification purposes, the social studies undertaken for the proposed Kendal 30 year ADF project is done independently and on behalf of Eskom. The Mine (Eyethu Coal) has their own environmental team and it</p>

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				<p>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.</p> <p>Tania Oosthuizen, EAP</p>
3.11.4	<p>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.</p>	<p>MOTHA, Dumisani Resident Khayaletu Village</p>	<p>Meeting: Khayaletu Village Meeting 29 November 2014</p>	<p>Tricia Njapha will forward the Councillor's details to Mr Mafuwane.</p> <p>Tania Oosthuizen, EAP</p> <p>The requested information was provided to Mr Motha on Friday 09 January 2015 by telephone and a sms.</p> <p>Tricia Njapha, PPP</p>
3.12 Eskom Triangle Community Meeting				
3.12.1	<p>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.</p> <p>The community also stated that their houses are cracking as a result of the trucks passing their houses.</p>	<p>MASHIANE, Johanna & MBONANI, Mamsie Residents: Eskom Triangle Community</p>	<p>Eskom Triangle Community: Community Consultation Meeting: 29 November 2014</p>	<p>As the project team present cannot respond to the concern raised as this proposed project is not related to Mbuyelo Mine's operations. However, after a brief discussion with Mr Edwin Setei (Eskom) it was agreed that Mr Setei 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.</p> <p>Nicolene Venter, Snr PPP</p> <p>Eskom received the following information from Perisat Mining Operations.</p> <p><i>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</i></p>

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				<p><i>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.</i></p> <p>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 DMR, who, in turn, would issue Perisat with a Section 54 Mine Stoppage Notice.</p> <p>Edwin Seitei, Eskom</p> <p>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.</p> <p>Nicolene Venter, Snr PPP</p>
3.12.2	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.	MBONANI, Mamsie Resident Eskom Triangle Village	Eskom Triangle Village Community Consultation Meeting: 29 November 2014	<p>Kendal Power Station acknowledged the concern raised by the community.</p> <p>Tania Oosthuizen, EAP</p> <p>Updated Response</p> <p>Refer to response received from KPS under point 3.11.1.</p> <p>The Air Quality Impact Assessment for the Kendal 30 year ADF has been concluded and is available in Appendix F1. Should Site H be authorised, it would</p>

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				<p>require the relocation of the Eskom Triangle Community.</p> <p>Tania Oosthuizen, EAP</p>
3.12.3	<p>The Triangle community is at times left without water for 3 to 4 days. Their water is supplied from the farmer across the road.</p>	<p>MBONANI, Eric Resident Eskom Triangle Village</p>	<p>Eskom Triangle Village Community Consultation Meeting: 29 November 2014</p>	<p>The water tank that provides the community with water does go empty at times. This might be because water supply might be interrupted at night and the neighbour (Hannes) can't go outside to switch on the pump for security reasons. However, the community should not be without water for 3 of 4 days. The matter will be discussed with Hannes.</p> <p>André Janse van Rensburg, Eskom</p> <p>After the meeting the matter was discussed with Hannes and it was established that 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.</p> <p>André Janse van Rensburg, Eskom</p>
3.12.4	<p>The community member asked what was going to happen to them?</p>	<p>MASHIANE, Johanna Resident: Eskom Triangle Community</p>	<p>Eskom Triangle Community Consultation Meeting: 29 November 2014</p>	<p>Discussions will be held with the KPS Manager regarding the management of their existing ADF.</p> <p>Edwin Seitei, Eskom Holdings SOC Ltd</p> <p>As rumours might start to go around, Bronwen Stolp requested that community members 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.</p> <p>Bronwyn Stolp, Eskom Holdings SOC Ltd</p>
3.12.5	<p>The community raised several concerns</p>	<p>Residents</p>	<p>Eskom Triangle</p>	<p>Ilse Aucamp, the Social Impact Assessment (SIA)</p>

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	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.	Eskom Triangle Community	Community Consultation Meeting: 29 November 2014	<p>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.</p> <p><i>Ilse Aucamp, Social Impact Assessment Specialist</i></p> <p><i>Updated Response</i> The SIA has been finalised and is available in Appendix F8</p> <p><i>Tania Oosthuizen, EAP</i></p>
3.12.6	It was mentioned that the shape of Site H will change. How will the shape change?	GOYI, Ester Resident Eskom Triangle Community	Eskom Triangle Community: Community Consultation Meeting: 29 November 2014	<p>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</p> <p><i>Bongani Dhlamini, EAP</i></p> <p><i>Updated Response</i> The shape of Site H has been finalised as per the engineering design and is reflected throughout this DEIR report.</p> <p><i>Tania Oosthuizen, EAP</i></p>
3.13 Ground Truthing Consultation 6 January 2015				
The Public Participation team undertook a site visit to the area around the proposed Site H (1 km buffer) to register and consult with I&APs. The exercise can be considered as one of ground truthing and it provided valuable insights into the <i>status quo</i> of the area in terms of land ownership, occupation etc. Please refer to Appendix C6 for the full Site Visit / Ground Truthing Report. Only the items where some response / feedback from Zitholele or Eskom was required is captured in this CRR.				

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3.13.1	The team met with <u>Mrs Louise Engelbrecht</u> who informed the team that she and her husband occupy (renting) the residence on Delta Crane & Plant Hire property (Heuvelfontein 215, Portion 66) and advised Zitholele to contact the owners, Mr Anton and Jenny van Dam.	NJAPHA, Tricia Public Participation Practitioner Zitholele Consulting	Site Visit Consultation 06 January 2015	Contact has been made with Mr & Mrs Van Dam and e-mail communication is captured in the CRR. Nicolene Venter, Snr PPP
3.14 Community Representatives Consultation 15 January 2015				
3.14.1	The concern regarding Heritage has been raised.	KCPF MEMBERS	Site Visit Consultation: 15 January 2015	Please refer to Appendix F5 for the Heritage Impact Report. Tania Oosthuizen, EAP
3.14.2	What is the remaining lifespan of the current KPS ADF?	KCPF MEMBERS	Site Visit Consultation: 15 January 2015	The life of the Power station was taken up to the year 2058, which includes a five-year contingency. Construction of the new facility will start in 2025. Ashing on the new lined facility will start in November 2031. Tania Oosthuizen, EAP
3.14.3	What job opportunities are associated with the new 30 Year ADF.	KCPF Members	Site Visit Consultation: 15 January 2015	During the meeting it was explained that no jobs associated with this proposed project will be created and that Eskom will utilise their existing labour force and skilled labour for the installation of the liner and similar specialised construction requirements. Tricia Njapha, Zitholele PPP The Social Impact Assessment (Appendix F8) also states that the proposed Kendal 30 year ADF will be constructed and operated by current Eskom

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				<p>employees. It is not anticipated that significant employment creation will take place. Although no new opportunities will be created, the proposed facility will ensure job security for the current employees, and contribute to their skills development. These opportunities will be lost if the Kendal power station close.</p> <p>Tania Oosthuizen, EAP</p>
3.14.4	The project team was informed that the communities do not have any electricity, water and sanitation.	KCPF Members	Site Visit Consultation: 15 January 2015	<p>These matters are noted and does not form part of the EIA process for this proposed project. However, the comments will be forwarded to Eskom.</p> <p>Nicolene Venter, Snr PPP</p>
3.14.5	It was commented that the community members experience limitation / prevention of extension to their houses.			<p>The project will endeavour to uplift the local communities through special projects where possible to improve electricity supply, water and sanitation.</p> <p>Lenny Govender, Eskom</p>
3.14.6	The concern was raised as the possible impact on their livestock should they need to be relocated.			<p>This aspect is planned to be reviewed as part of the relocation plan and community engagements will occur in this regard.</p> <p>Lenny Govender, Eskom</p>
3.14.7	It was requested that follow-up meetings be arranged.	KCPF MEMBERS	Site Visit Consultation: 15 January 2015	<p>The next meeting will be during the review period of the DEIR. The date, venue and time will be communicated to the identified community representatives and posters will also be on display at public places visited by the community members.</p> <p>Nicolene Venter, Snr PPP</p>
3.14.8	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.	Wards 28 & 30 Councillors & COGTA member	Site Visit Consultation: 15 January 2015	<p>The comment is noted and the team will be aware of this matter when holding the public meeting.</p> <p>Nicolene Venter, Snr PPP</p>
3.14.9	The project team was informed that	Wards 28 & 30	Site Visit Consultation:	The information provided by the Councillors are noted

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	there are a number of community members without identification books.	Councillors & COGTA member	15 January 2015	and will be forwarded to the social specialist and Eskom. Nicolene Venter, Snr PPP
3.14.10	Most of the community members are occupying residency on property illegally.			
3.14.11	Some of the community members are illegal immigrants.			
3.14.12	Concerned regarding the possible impact of air pollution on the community's health	KCPF MEMBERS	Site Visit Consultation: 15 January 2015	Comment was noted. Updated Response The Air Quality Impact Assessment for the Kendal 30 year ADF has been concluded and is available in Appendix F1. Tania Oosthuizen, EAP
3.15 Meeting Ferret Coal / Joe Singh Group 12 February 2015				
3.15.1	<p>Site H was reintroduced as an alternative to the proposed project and is being looked at in detail now. It is the site alternative closest to the KPS and there is a property (Heuwelfontein Portion 20) that is owned by Ferret Coal which will be affected by Site H if selected as the preferred site for the 30 Year ADF.</p> <p>A new mine, the Heuwelfontein Colliery is being proposed by Kusile Mining on the property as mentioned, 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 does not object to the placement of the Kendal 30 Year ADF on Site H.</p>	OOSTHUIZEN, Tania EAP, Zitholele Consulting	Ferret Coal FGM: 12 February 2015	Ferret Coal is owned by Joe Singh Group. The Joe Singh Group also owns 51% of Kusile Mining. Martin Bartle, Ferret Coal (Joe Singh Group & Kusile Mining)
3.15.1	It was recommended that the meeting attendees to take a drive out to the site to familiarise themselves regarding the	BARTLE, Martin	Ferret Coal FGM: 12 February 2015	The Khayaletu Village location was pointed out which Kusile Mining will have to relocate as part of their

No.	I&AP Comment	Commentator	Form & Date of Comment	Response
	property in question and what is being proposed.	Ferret Coal (Joe Singh Group & Kusile Mining)		Heuvelfontein mining project. Emmy Molepo, Eskom Holdings SOC Limited
3.15.2	It was confirmed that a mining right application was lodged, but not yet granted by the Department of Mineral Resources (DMR).			Information acknowledged. Tania Oosthuizen, EAP
3.15.4	Reference was made to a letter received from Kusile Mining regarding the change of ownership.	OOSTHUIZEN, Tania EAP, Zitholele Consulting	Ferret Coal FGM: 12 February 2015	Mr Bartle requested that the letter referred to be forwarded to Ferret Coal. He stated that the letter was done before the Joe Singh Group had taken over Kusile Mining in October/November 2014. Martin Bartle, Ferret Coal (Joe Singh Group & Kusile Mining) The letter was sent out together with the minutes of the meeting on 23 February 2015. Tania Oosthuizen, EAP
3.15.5	It was asked if Eskom wants to buy the land (Heuvelfontein 215 IR, portion 20) from Joe Singh Group.	BARTLE, Martin Ferret Coal (Joe Singh Group & Kusile Mining)	Ferret Coal FGM: 12 February 2015	Should Site H found to be the most feasible alternative, then Eskom will start engaging with the Joe Singh group for the portion of property affected. Tania Oosthuizen, EAP
3.16 Transnet Properties Meeting 2 March 2015				
3.16.1	It was requested that Transnet reserve their properties for Eskom for possible future infrastructures that might be required to KPS.	NTULI, Goody Land & Rights Eskom	Focus Meeting: 02 March 2015	Information regarding Transnet's future planning for the area will be obtained and will be shared with Eskom once received. Ms Neo Mosebo, Manager, Transnet Freight Rail Properties Updated Response At the conclusion of the DEIR phase, no information was received from Transnet on this matter, despite numerous follow up emails. The matter is being

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				<p>attended to by Eskom Lands and Rights Manager, Goody Ntuli who is engaging with Transnet directly on the matter.</p> <p>Tania Oosthuizen, EAP</p>
3.16.2	Eskom enquired as to whether Transnet will be relocating the illegal occupants / squatters prior to Eskom's construction phase for the proposed new ADF.	NTULI, Goody Land and Rights Eskom	Focus Meeting: 02 March 2015	<p>Transnet indicated that they do not relocate any occupants from their properties, and that they liaise with the relevant Local Municipality to undertake the relocation of illegal occupants.</p> <p>Neo Mosebo, Manager, Transnet Freight Rail Properties</p>
3.17 Transnet Pipelines Meeting 12 March 2015				
3.17.1	What is the life span of Transnet's pipeline?	RAJASAKRAN Nevin Director: Zitholele Consulting	Transnet Pipelines Technical Workshop: 12 March 2015	<p>The pipeline is 50 years old and still functioning well. He indicated that he was not aware of any plans to decommission it. A pigging survey is done on the pipeline every five years, and this hasn't shown any damage on the pipe as yet.</p> <p>Robert van Bulderen, Transnet Pipelines</p>
3.17.2	Can the pipeline be taken off line for a few weeks?	RAJASAKRAN Nevin Director: Zitholele Consulting		<p>It can only be taken offline for 2/3 days. He explained that if physical work has to be done on it, a bypass will be needed to be built and will be taken out again when the work is completed.</p> <p>Robert van Bulderen, Transnet Pipelines</p>
3.17.3	Will it be possible to perform hot taps on either side of the diversion and build a line across to reduce new pipeline tie-in time?	GOVENDER, Lenny Eskom		<p>It is possible, although the costs are very high. The costs are \$100 000 per pipeline inch per km. There are also costs of buying the affected properties. Eskom would have had to buy the properties from the private owners anyway. A new servitude should then be negotiated for the new pipeline and existing drawings will need to be updated when approved by Transnet Engineering.</p> <p>Robert van Bulderen, Transnet Pipelines</p>
3.17.4	Would Transnet consider the option of	RAJASAKRAN		There is a 120 m tunnel underneath the Vaal dam. It

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	building a tunnel over the pipeline?	Nevin Director: Zitholele Consulting		was agreed that this option would be much more expensive than diverting the pipeline. Robert van Bulderen, Transnet Pipelines.
3.17.5	It was enquired as to what the technical impact will be regarding the bends / angles of the pipeline deviation.	OOSTHUIZEN Tania EAP Zitholele Consulting	Transnet Pipelines Technical Workshop: 12 March 2015	It will require long radius bends. The pressure will be good as it is very close to the depot. The pumps may have to be upgraded. The Kusile pipeline goes underneath the 1800 Transnet pipeline. The Transnet pipeline is at depth of between 1.5 . 2.5 metres Robert van Bulderen, Transnet Pipelines
3.17.6	Could the ADF possibly be rotated 90 degrees to miss the pipeline?	VAN BULDEREN, Robert Transnet	Transnet Pipelines Technical Workshop: 12 March 2015	There are various infrastructures which are prohibiting this, including large Transmission lines as well as the Kendal-Kusile pipeline to the South of the current Site H facility design. Nevin Rajasakran, Zitholele Consulting Updated Response Following this meeting, letters and emails were exchanged with Transnet on the matter. Please refer to the EIA Phase Correspondence Section of this CRR for more details. In summary, Eskom will proceed with the planning to relocate the Transnet Pipeline to the east of Site H. Tania Oosthuizen, EAP
3.18 Meeting Hardu Prinsloo 23 June 2016				
3.18.1	Mr Prinsloo stated that there are flamingos that visit the Site H pan	Hardu Prinsloo	Meeting 23 June 2016	The occurrence of flamingos at this pan are been documented in the various ecological reports included in this DEIR. Refer to Appendix F2, F3 and F13 specifically. Tania Oosthuizen, EAP

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3.18.2	Mr Prinsloo enquired when the anticipated start of construction for the Kendal 30-year Project is.			Construction will start in 2025 and it will become operational in 2030 if Environmental Authorisation and all other approvals are obtained. Tania Oosthuizen, EAP
3.18.3	Zitholele enquired whether Mr Prinsloo is the correct contact person for Torero Investments.	Tania Oosthuizen, EAP	Meeting 23 June 2016	Mr Prinsloo confirmed that he is the correct and authorised person. Tania Oosthuizen, EAP
3.18.4	Zitholele requested to consult with Mr Prinsloo's farm workers about the project.			Mr Prinsloo stated that he will keep his farm workers who reside at the Eskom Triangle Community as well as with his foreman (Mr Hannes Oosthuizen) informed of the development of the project. He stated that he does not want to create unnecessary panic among his workers as the project is only due to start operating in 2030. Tania Oosthuizen, EAP
3.18.5	Mr Prinsloo advised that he is not opposed to the project in principle. However, he advised that resettlement, security and health should be investigated and addressed. He stated that the need for the development is understandable, but that the social aspects mentioned above needs to be considered.	Hardu Prinsloo	Meeting 23 June 2016	Ms Venter agreed to bring these matters to the attention of the project team. Nicolene Venter, Senior PPP Updated Response The social aspects of resettlement and security are included in the Social Impact Assessment (Appendix F8). Tania Oosthuizen, EAP Updated Response Resettlement process is a separate process outside the EIA and could only occur once the environmental authorisation is issued. As recommended by the Social specialist study, health impact study will be conducted for affected communities that would not be relocated at the time of the resettlement. Emmy Molepo, Eskom PM

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3.18.6	Mr Prinsloo asked that he should be kept informed of the process and be treated with respect. He mentioned that the Eskom personnel from the power station are not always very respectful.	Hardu Prinsloo	Meeting 23 June 2016	Zitholele agreed to include Mr Prinsloo in the list of people who receive monthly updates on the project. They also agreed to convey to Eskom KPS to communicate respectfully to Mr Prinsloo. Tania Oosthuizen, EAP
3.19 Meeting Thys Marais (representative for Christi Truter)				
3.19.1	Mr Marais stated that the agricultural potential of Site H is high and that the development will have an impact on food security.	Thys Marais	Meeting 23 June 2016	The comment was noted. Updated Response The agricultural potential on Site H was assessed and have been included in the Soils and Land Capability Assessment (AppendixF7) of this DEIR. Tania Oosthuizen, EAP
3.20 Public Meeting 21 September 2016 (9:00 am)				
3.20.1	<u>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.</u>	<u>Ester Qoyi (Eskom Triangle Community Resident):</u>	<u>PM 21 September 2016</u>	<u>Zitholele is not doing the community relocation process. Another consultant will be appointed by Eskom if/when the time comes. The wellbeing of the community will be a priority.</u> Tania Oosthuizen, EAP <u>Patience Selepe from Eskom assured residents that they will not lose their livelihoods. She indicated that Eskom was already in possession of the number of homesteads and/or families occupying the Triangle Community. The database will be used when relocating families. She added that even a database of their farming activities will inform on how much space they should receive.</u> <u>Patience told residents that they should continue with their lives as normal, there will be another assessment of property ownership, children, graves and farming</u>

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				<p>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 refer 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.</p> <p>She concluded by indicating that she will be working together with André Janse van Rensburg (Eskom) whom the residents knew.</p> <p><i>Patience Selepe (Eskom)</i></p>
3.20.2	<p><u>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.</u></p>	<p><u>Ester Qoyi (Eskom Triangle Community Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>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.</u></p> <p><u>Housing beneficiation will be afforded to families not to each child from the family.</u></p> <p><i>Patience Selepe (Eskom)</i></p>
3.20.3	<p><u>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</u></p>	<p><u>Emmah Lukhele (Eskom Triangle Community Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>Patience Selepe (Eskom): referred to above answer, that they should communicate with Eskom on any proposed development they wish to undertake.</u></p> <p><i>Patience Selepe (Eskom)</i></p>

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	<u>were old and falling. Some families have only upgraded (stick and mud into brick) portions of the house.</u>			
3.20.4	<u>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.</u>	<u>Ester Qoyi (Eskom Triangle Community Resident):</u>	<u>PM 21 September 2016</u>	<p><u>Tania Oosthuizen (ZC): Responded by saying that there were not so many opportunities because most of the workforce will be taken from the existing ADF.</u> <u>Tania Oosthuizen, EAP</u></p> <p><u>Emmy Molepo (Eskom): Indicated that should there be some job openings during the construction phase, Eskom will consider employing some of the Triangle residents. Emmy added that during construction there will be both skilled and unskilled job opportunities. Residents should also be given preference where possible. She asserted the part that she was not promising them jobs.</u> <u>Emmy Molepo, Eskom</u></p>
3.20.5	<u>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.</u>	<u>Ester Qoyi (Eskom Triangle Community Resident):</u>	<u>PM 21 September 2016</u>	<p><u>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.</u> <u>Emmy Molepo, Eskom</u></p> <p><u>Updated Response</u> <u>This decision will be made during the re-settlement process which is outside the EIA and can only commence once the EA is issued.</u> <u>Emmy Molepo, Eskom</u></p>
3.20.6	<u>Johannah Mashiane (Eskom Triangle Community Resident): Community was experiencing ash nuisance from the existing Eskom ADF. Also, the ash was coursing corrosion on their corrugated</u>	<u>Johannah Mashiane (Eskom Triangle Community Resident):</u>	<u>PM 21 September 2016</u>	<u>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.</u>

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	<u>iron (roofing).</u>			<p>She also stated that this impact is related to the current ADF. If the Kendal 30yr project is approved, they will hopefully be relocated away from any ash facilities. <u>Tania Oosthuizen, EAP</u></p> <p><u>Nevin Rajasakran (ZC):</u> 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. <u>Nevin Rajasakran, Zitholele Engineer</u></p>
3.20.7	<u>Richard Mapheele (Eskom Triangle Community Resident):</u> Came in on <u>Johannah point,</u> saying that there is a house that was built 2 years ago, with enough ventilation (windows and ventilators) but the roofing has worn out. <u>Richard Mapheele also requested that an Eskom representative pays them a visit.</u>	<u>Richard Mapheele (Eskom Triangle Community Resident):</u>	PM 21 September 2016	<p><u>Nevin Rajasakran (ZC):</u> Stood by his answer provided above. He added that ash was not acidic. <u>Nevin Rajasakran, Zitholele Engineer</u></p> <p><u>Tania Oosthuizen (ZC):</u> Indicated that since these questions were 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. If the Kendal 30yr project is approved, they will hopefully be relocated away from any ash facilities. <u>Tania Oosthuizen, EAP</u></p> <p><u>Patience Selepe (Eskom):</u> Will speak to <u>André Janse van Rensburg (Eskom)</u> to communicate when should they visit community to assess infrastructure and all other related issues. <u>Patience Selepe (Eskom)</u></p>

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3.20.8	<u>Sarah Sindane (Eskom Triangle Community Resident): Requested that they get relocated closer to Phola village since they have relatives in that village.</u>	<u>Sarah Sindane (Eskom Triangle Community Resident):</u>	<u>PM 21 September 2016</u>	<u>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.</u> <i>Tania Oosthuizen, EAP</i>
3.20.9	<u>Johannah Mashiane (Eskom Triangle Community Resident): Wanted to find out if Zitholele Consulting was working together with Mbuyelo mine.</u>	<u>Johannah Mashiane (Eskom Triangle Community Resident):</u>	<u>PM 21 September 2016</u>	<u>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.</u> <i>Tania Oosthuizen, EAP</i>
3.20.10	<u>Johannah Mashiane (Eskom Triangle Community Resident): When will they receive informed/definite answers on issues raised.</u>	<u>Johannah Mashiane (Eskom Triangle Community Resident):</u>	<u>PM 21 September 2016</u>	<u>Tania Oosthuizen (ZC): Indicated that it will depend on whether 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.</u> <i>Tania Oosthuizen, EAP</i>
3.20.11	<u>Bongani Dhlamini (Zitholele): Should the community continue burying their loved ones at the cemeteries.</u>	<u>Bongani Dhlamini (Eskom Triangle Community Resident):</u>	<u>PM 21 September 2016</u>	<u>Patience (Eskom): responded by saying yes, communities can continue, another round of grave identification will be undertaken then, should the environmental authorisation be granted.</u> <i>Patience Selepe (Eskom)</i>
3.21 <u>Public Meeting 21 September 2016 (16:00 pm)</u>				
3.21.1	<u>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 must be relocated.</u>	<u>Richard Mafuwane (Khayaletu Resident):</u>	<u>PM 21 September 2016</u>	<u>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.</u> <i>Tania Oosthuizen, EAP</i>

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3.21.2	<p><u>Mr Stanley Cindi (Khayaletu Resident):</u> <u>A request was made that the community also obtain a copy of the attendance register.</u></p>	<p><u>Stanley Cindi (Khayaletu Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>Hard copies of the minutes and attendance registers were distributed to the communities by Eskom on the 18th of October 2016.</u> <u>Tania Oosthuizen, EAP</u></p>
3.21.3	<p><u>Mr Stanley Cindi (Khayaletu Resident):</u> <u>Requested clarity on what will happen to them as the Khayaletu residents will be 500m meters away from the proposed ADF. Will they be relocated and/or will a health study be undertaken?</u></p>	<p><u>Stanley Cindi (Khayaletu Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>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 to construction to see if they will be adversely affected by the ash from the Kendal 30-year project.</u></p> <p><u>She further 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.</u> <u>Tania Oosthuizen, EAP</u></p>
3.21.6	<p><u>Mandla Mabuza (Khayaletu Resident):</u> <u>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, even though Eskom was awaiting Kusile Mining, what would be Eskom's advice seeing that there are very close to the ADF.</u></p>	<p><u>Mandla Mabuza (Khayaletu Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>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.</u> <u>Tania Oosthuizen, EAP</u></p> <p><u>Post meeting note</u> <u>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.</u></p>

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				<p><u>Tania Oosthuizen, EAP</u></p> <p><u>Updated Response</u> Gladman of Geovicon indicated that the mining right is still pending from DMR Emmy Molepo, Eskom PM</p>
3.21.7	<p><u>John: When the existing mine is blasting, it creates open pits/dongas, where amongst other their livestock falls into the holes, this has a great impact on their farming activities.</u></p>	<p><u>John (Khayaletu Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>There are no blasting activities related to the Kendal 30-year project.</u> <u>Tania Oosthuizen, EAP</u></p>
3.21.9	<p><u>Richard Mafuwane (Khayaletu Resident): Should they extend their houses, with the relocation cloud hanging over them?</u></p>	<p><u>Richard Mafuwane (Khayaletu Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>Nevin Rajasakran (ZC): Zitholele and Eskom cannot comment on the property rights that the Khayaletu Village have, as it's an agreement between the community and Homeland Mining & Energy SA (Pty) Ltd who relocated them to Khayaletu Village.</u> <u>Nevin Rajasakran, Zitholele Engineer</u></p> <p><u>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 Eskom need to relocate the village, Eskom will assess each house, and provide them with a similar or better house.</u> <u>Goody Ntuli, Eskom Lands and Rights</u></p>
3.21.10	<p><u>Mandla Mabuza (Khayaletu Resident): Requested that since they were not sure if they were having a title 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 &</u></p>	<p><u>Mandla Mabuza (Khayaletu Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>Goody Ntuli (Eskom): Advised that instead, home owners should approach the Department of Mineral and Resources (DMR) in Witbank for further advice, and maybe they should hold from extending until they have consulted with the DMR.</u> <u>Goody Ntuli, Eskom Lands and Rights</u></p>

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	<u>Energy SA (Pty) Ltd was shut down.</u>			
3.21.11	<u>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.</u>	<u>Stanley Cindi (Khayaletu Resident):</u>	PM 21 September 2016	<u>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.</u> <u>Solly Choke, Eskom Kendal Power Station</u>
3.21.12	<u>Mr Stanley Cindi (Khayaletu Resident): Can Eskom increase the number of dust monitoring buckets closer to them.</u> <u>He stated that the mine used to put dust monitoring buckets, but not Eskom. Eskom does not listen to their plight each time they complain about the ash nuisance.</u>	<u>Stanley Cindi (Khayaletu Resident):</u>	PM 21 September 2016	<u>Emmy Molepo stated that Eskom was complying with the current legislation regarding positioning of dust monitoring buckets and the ash recorded from each bucket.</u> <u>Emmy Molepo, Eskom PM</u> <u>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.</u>
3.21.13	<u>Mandla Mabuza (Khayaletu Resident): He was worried about the long-time exposure to the finer particulates (PM10 & PM2.5) has some effects.</u>	<u>Mandla Mabuza (Khayaletu Resident):</u>	PM 21 September 2016	<u>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.</u> <u>However, the Kendal 30 year ADF will be closer to the Khayaletu Village than the existing ADF. Therefore, Eskom might undertake a health study on the effect on this community because of the effect that the Kendal 30</u>

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				<p>year Project could have on them. <u>Tania Oosthuizen, EAP</u></p>
3.21.14	<p><u>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.</u></p>	<p><u>Stanley Cindi (Khayaletu Resident):</u></p>	<p><u>PM 21 September 2016</u></p>	<p><u>Tania Oosthuizen (ZC): Will forward concern to Eskom, if present Eskom team cannot respond.</u> <u>Tania Oosthuizen, EAP</u></p> <p><u>Updated Response</u> <u>The noise levels at the station is within the noise level standards.</u> <u>Solly Chokoe, Kendal</u></p>

o.	I&AP Comment	Commentator	Form & Date of Comment	Response
4 IMPACT PHASE - CORRESPONDENCE				
1	<p>We strongly oppose the planned diversion of the Leeuwfontein spruit.</p> <p>The Leeuwfontein spruit is one of the side branches of the Wilge River which is one of the feeding rivers of the Olifants River. There are already 6 opencast mines higher up, next to or nearby the Wilge River that cumulatively holds a severe pollution danger for the Wilge River.</p> <p>Eskom should be aware of the severe pollution of the acid mine drainage at the Witbank and Middelburg Dams that makes the use of the water without purifying it impossible. The report done by Dr Oberholzer from the CSIR address specifically the pollution of the Olifants River and its tributaries. This report as well as our comments should be read.</p> <p>The report clearly indicates the severe pollution of the river.</p> <p>Any newly planned development for Eskom's ash disposal facilities close to the Wilge River will, in the long term, caused severe pollution of the Olifants River and Loskop Dam.</p> <p>It should be kept in mind that the Loskop Dam irrigation system holds a huge influence on the food security as well as the earnings from foreign currency for South Africa and that the current pollution levels of the Loskop Dam already compromise the Eurogappersuit export to Europe. Any additional pollution of the</p>	<p>BEZUIDENHOUT, PJ</p> <p>Landowner: Welgelegen Boerdery</p>	<p>Letters</p> <p>26 August 2013 and 02 December 2014</p>	<p>The diversion of an unnamed tributary of the Leeuwfontein Spruit is required for a separate project, whereby the existing Kendal ADF is expanded, i.e. Kendal Continuous. This project was the subject of a separate EIA and WUL process and was authorised.</p> <p>The following extract was taken from the Kendal 30-year Surface Water Specialist Report (Appendix E10):</p> <p><i>The Kendal 30-year project (Site H) straddles quaternary catchments B20F and B20E. There are a few non-perennial surface water resources adjacent to Site H with a pan located within the site. The site is located west of the power station and drainage would be towards the unnamed tributary flowing to the Wilge River in B20F and an unnamed tributary that joins the Leeuwfontein spruit south of the site in B20E.</i></p> <p>The Surface Water Report (Appendix E10) shows that the residual impacts that the proposed project will have on Surface Water is very low or low for all the proposed activities provided the proposed mitigation measures are implemented.</p> <p>Tania Oosthuizen, EAP</p>

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	rivers should trigger red warning lights. Expansions in an easterly direction away from the Leeufontein and Wilge Rivers and its tributaries that have already been declared a catchment area by Government for the Olifants River should be considered.			
4.1 Letter from van Eck, A Ross & Jacobsz Incorporated 8 May 2014				
18	<p>We act on behalf of both Mr AFDT Marais and LK BOERDERY, of the Farm Arbor, Blesbokfontein.</p> <p>Please take notice that our client, as landowner / lawful occupier / neighbouring landowner / interested and affected party wishes to be registered on the aforesaid projects database.</p> <p>In order for our client to properly consider the matter and all relevant aspects surrounding the applications, we request that you, on an urgent basis, provide us with a copy of the relevant background information document. A copy of the document should be provided to us by e-mail: Aubrey@ross.co.za and jos@ross.co.za and also by fax: 12 348 1626.</p> <p>Once we have received the document we will provide you with our detail response,</p>	VAN ECK, A Ross & Jacobsz Incorporated	Letter: 08 May 2014	<p>Letter and e-mail acknowledged. Nicolene Venter, Snr PPP</p> <p>Zitholele Consulting confirms that Mr Marais is registered as an I&AP on the proposed projects database (please see attached . it will be appreciated if we can be provided with the following contact details: <i>Postal address</i> <i>Cellular phone number</i> Nicolene Venter, Snr PPP</p> <p>No response received from Ross & Jacobsz regarding requested contact details.</p> <p>The proposed project commenced in November 2012. As requested, the Background Information Document as distributed at that time was attached to the e-mail response.</p> <p>However, a lot has been happening in the EIA process to date and all the relevant documents that were made available for public comment and review during the process can be down loaded from our website: http://www.zitholele.co.za/ea-wml-for-30yr-ash-disposal-facility-at-kendal-power-station Nicolene Venter, Snr PPP</p> <p>The EIA Newsletter that was distributed in August 2014 is not yet uploaded on Zitholele Consulting's website</p>

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	<p>alternatively request further documents / information in order for us to properly respond to your applications.</p> <p>Under the above circumstances please ensure that both our client and Ross & Jacobsz Incorporated are registered as interested and affected parties.</p> <p>Please ensure that our client's email address and fax number is amended follows: lkboerdery@gmail.com Fax: 086 645 0096</p>			<p>and is therefore attached for information. Nicolene Venter, Snr PPP</p> <p>Subsequently, the EIA Newsletter has been uploaded on Zitholele's website and all registered I&APs, including Ross & Jacobsz Incorporated, Mr AFDT Marais and LK Boerdery was notified of its availability. Nicolene Venter, Snr PPP</p> <p>It is confirmed that Ross & Jacobsz Incorporated, Mr AFDT Marais and LK Boerdery are registered I&APs on the project database. Nicolene Venter, Snr PPP</p> <p>It is confirmed that the information has been updated as requested. Nicolene Venter, Snr PPP</p> <p>Updated Response An email was sent to lkboerdery and aubrey@ross.co.za on 12 July 2016 with the latest layout map. To date, no other comments have been received from this I&AP Tania Oosthuizen, EAP</p>
4.2 Letters to and from Transnet				
4.2.1	Transnet sent an email containing maps showing the location of a Transnet fuel pipeline that crosses the Kendal 30 year ADF (Site H). Their email also contained a generic letter about Transnet servitude crossings (for linear infrastructure).	HADEBE, Thami Servitude Management Transnet Pipelines	Letter: 19 August 2014	A technical meeting was held with Transnet Pipelines on 12 March 2015 to discuss the technical constraints and to agree on a way forward. Tania Oosthuizen, EAP
4.2.2	Following the meeting with Transnet Pipelines on the 20 th of March 2015, Zitholele sent a letter and design drawings to Transnet to indicate the proposal of rerouting the pipeline.	HADEBE, Thami Servitude Management Transnet Pipelines	Letter: 9 th of April 2015	On the 16 th of April 2015 Ms Nicolene Venter (on behalf of Zitholele Engineering) sent a letter to Mr Hadebe from Transnet responding on the concerns raised in their letter.

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	<p>Transnet responded with the following queries on the 9th of April 2015:</p> <p>This office on behalf of Transnet Pipelines, a division of Transnet SOC Limited, herewith regrets to inform you that it is not in favour of the pipeline re-routing to accommodate the ash dump facility site. Pipeline re-routing is a costly and lengthy exercise. It comprises of long lead times for procurement of pipeline sections and various pipeline accessories. There is an environmental impact assessment process to be conducted as well. The internal project approval and planning process plus construction also compound the time tally to deliver the end product.</p> <p>We understand the need and importance of the ash dump facility site but for the above reasons we are not in favour of the pipeline re-routing. Should you need more information on this regard, you may contact our Servitude Manager, Mr Jeff Scrooby.</p>			<p>On 26 May 2015 Mr Jeff Scrooby sent the following response per email upon being requested to respond to Zitholele's latest submission:</p> <p><i>"Hi Nicolene I have no comment to make. I note what has been submitted by Zitholele. I also agree that this issue is a long term planning issue. Regards Jeff"</i></p> <p>Tania Oosthuizen, EAP</p>
4.3 Letter from SANBI 5 November 2014				
4.3.1	SANBI only participates in applications for Environmental Authorisation as an I&AP if the application is for a development on a SANBI property or a property adjacent to a SANBI property, or if the application would impact on an area that has been	MANUEL, Jeff Deputy Director: Biodiversity Planning and Policy Advice SAHRA	Letter: 05 November 2014	Site H does not occur on a SANBI property or adjacent to it. Tania Oosthuizen, EAP

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	<p>highlighted as a priority implementation area within one of SANBI's Bioregional Programmes.</p> <p>It is also encouraged to visit SANBI's web portal for free access to spatial biodiversity information relevant for land-use planning and decision-making process.</p>			
4.4 Letter Kusile Mining 6 January 2015				
4.4.1	<p>Does Kusile Mining intend to mine on the area earmarked for Site H.</p>	<p>Kusile Mining: Claude Haven</p>	<p>Letter: 6 January 2015 (dated 29 October 2014)</p>	<p>A letter was received from Kusile Mining in which they state that they have considered Eskom's request and confirm that the drilling and prospecting report revealed that no coal reserves were found on the Property. In light of the findings of the prospecting activities, we hereby permit Eskom to proceed with its planned activities on the Property.</p> <p>They stated that they further undertake to amend the MRA lodged with the DMR by excluding the Property. The amendments, once approved, will exclude the Property from the mining area as described in the MRA so that Eskom can operate under General Health and Safety not mining Health and Safety.</p> <p>Claude Haven, Kusile Mining</p>
4.5 Letter from SAHRA 12 January 2015				
4.5.1	<p>SAHRA wishes to follow up on the status of the project. On 18th June 2013 SAHRA requested additional information in order to provide comment to the DEA on the case.</p> <p>Requested to be advised on the status of the project and to submit outstanding</p>	<p>SCHEERMEYER, Colette Manager: Archaeology, Palaeontology and Meteorites Unit SAHRA</p>	<p>Letter: 12 January 2015</p>	<p>The project is still active. It is anticipated that the final Heritage Impact Assessment will be submitted to SAHRA (by means of SAHRIS) in March 2015.</p> <p>Tania Oosthuizen, EAP</p> <p>Updated Response Tania Oosthuizen tried to contact Ms Scheermeyer in</p>

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	information should the project be ongoing.			<p>July 2016 to advise that the project is still active. She was informed that Ms Scheermeyer is no longer with the Department and that Ms N. Khumalo should be contacted. An email was sent to Ms Khumalo to advise her that the project is still active.</p> <p>On 20 July 2016, Ms Khumalo responded. She indicated that she will be the case officer.</p> <p>Tania Oosthuizen, EAP</p>
4.6 Emails to and from Geovicon 15 January 2015				
4.6.1	Environmental Authorisation- Heuvelfontein Colliery	Geovicon - Thabitha Moroasui	Email: 9 September 2014	<p>An email was received from Thabitha Moroasui (Geovicon) to advise that Kusile Mining had received the environmental authorisation from MDEDET for the Heuvelfontein Colliery.</p> <p>Tania Oosthuizen, EAP</p>
4.6.2	<p>Zitholele Informed the Geovicon EAP (appointed for the proposed Heuvelfontein Colliery project_ of the following concerns raised during Zitholele Consulting's meeting held with residents of Khayaletu Village:</p> <ul style="list-style-type: none"> • Whether the Kusile Mining project is going ahead; and <p>Whether Khayaletu Village (the residents) will be relocated by Kusile Mine, considering that the community was moved before by Homeland Mining.</p>	VENTER, Nicolene Snr Public Participation Practitioner Zitholele Consulting	E-mail: 15 January 2015	<p>Noted.</p> <p>Riana Bate, Geovicon</p>
4.6.3	Mining Right Heuvelfontein Colliery	Geovicon	Email: 12 February 2016	<p>An email was received from Tshepo Shakwaneo (Geovicon) to advise that Kusile Mining had not yet received the environmental authorisation from the DMR for the Heuvelfontein Colliery.</p> <p>Tania Oosthuizen, EAP</p>

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4.7 Letter from Nkangala District Municipality 17 February 2015				
4.7.1	<p>The Department sent a letter in response to the proposed deviation of the D1390 road.</p> <p>The letter stated that an application for the proposed Deviation of D1390 proclamation/DE Proclamation of the road. Pavement designs/Asphalt design road marking/Signage</p>	<p>VILJOEN, BC Chief Superintendent, Nkanagala District, M0070umlanga Province Department of Public Works, Roads & Transport</p>	<p>Letter: 17 February 2015</p>	<p>The information has been forwarded to Eskom for Land and Rights to comply with the Department's requirements.</p> <p>Tania Oosthuizen, EAP</p>
4.8 Letter from Mpumalanga Department of Public Works, Roads & Transport 25 March 2015				
4.8.1	<p>The Mpumalanga Province Dept. of Public Works, Roads & Transport responded to Zitholele Consulting's letter dated 19 January 2015, reference number 12935-Let-001, dated 19 January 2015.</p> <p>Consent in terms of Provision of the Advertising on Roads and Ribbon Development Act, 1940 (Act 21 of 1940) for the purpose of the approved application for deviation of Provincial Road D 1390. This is on condition that the following are strictly adhered to:</p> <ul style="list-style-type: none"> - The three conditions as indicated on your attached map, (Road to remain open as a Public Road, Intersection to meet design standards and Radius to meet Design Standards of 80 Km/h), must be adhered to. - The necessary and prescribed road 	<p>John Mojapelo</p>	<p>Email with letter attachment: 25 March 2015</p>	<p>The conditions as stipulated in the letter have been forwarded to the Technical Design team of the ADF for inclusion in the design of the ADF, if applicable, as well as Eskom.</p> <p>Tania Oosthuizen, EAP</p>

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	<p>signs for the proposed work must conform to the S.A.D.C Manual for Road Traffic Signs.</p> <ul style="list-style-type: none"> - The Department will not be financially involved by any means in the process, but will assist and monitor the whole process if and when necessary. The applicant accepts all costs with regard to the deviation, the restoration of the existing road, the surveying and monitoring and reporting according to the conditions herein, should these be required. - The applicant safeguards the Premier and exempts him from any claims of loss of whatever nature that may be put forward or be suffered by any person, including legal costs of whatever nature, as a result of the deviation and related matters. - Should the Ash Disposal Facility cause significant numbers of additional trucks on the road, The Department of Public Works, Roads and Transport may require the applicant to surface the road or part thereof. - If any dispute of disagreement of whatever nature should arise with regard to fulfilment of the conditions contained herein, The Department shall reserve the right to cancel any previous agreement and to incur such repair costs with regard to the existing 			

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	road as he deems necessary, for recovery from the applicant or the guarantors In such event mining activities that may influence the existing road shall be discontinued			
4.9 Emails from Mbuyelo Group EAP 2014 and 2015				
4.9.1	Contact details of Adri Joubert (environmental consultant) were provided who could be of assistance on the Vlakvarkfontein Colliery information (Site B).	HERBST, Mariante Principle Consultant Eco-Gain Consulting	Mbuyelo Group (Rirhandzu Colliery) FGM: 21 January 2014	Acknowledged information. Tania Oosthuizen, EAP
4.9.2	Ms Herbst asked for Eco-Gain Consulting as well as Rirhandzu Colliery to be registered as an I&AP on the Kendal 30yr Project. Ms Herbst further requested the complaint from the community member regarding the dust be forwarded to her.		E-mail: 02 March 2015	I&APs were registered and community complaint forwarded. Nicolene Venter, Senior PPP
4.10 Department of Public Works Road and Transport Telephone 6 March 2015				
4.10	It was brought under the Department's attention that there are a number of applications on the Official's desk relating to KPS. Could you please provide more clarity on which projects are active and which you require comments from the Department	PILLAY, Russel Dept of Public Works, Roads & Transport	Telephonic: 06 March 2015	A summary of the Kendal 30-year project was given to Mr Pillay Telephonically. The Final Scoping Report on CD was sent to the Official's Office in Nelspruit following the telephone conversation. Courier date 10 March 2015. It was confirmed that the Department will be informed when the DEIR will be available for review and comment. The EIA Newsletter that was distributed to all registered interested and affected parties on the project database was attached.

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				<i>Nicolene Venter, Snr PPP</i>
4.11 Email with Comment Sheet from Anglo				
4.11.1	<u>Cindy indicated that they have previously commented on the EIA on behalf of New Largo. She also noted that she was not able to download the document.</u>	<u>Cindy Smith (Anglo American)</u>	<u>14 September 2016</u>	<u>The comment was acknowledged and it was confirmed that Ms Smith did eventually download the DEIR successfully.</u> <i>Tania Oosthuizen, EAP</i>
4.12 Email from Transnet				
4.12.1	<u>Transnet advised that they have previously submitted comments and that their comments are still valid.</u>	<u>Tami Hadebe (Transnet)</u>	<u>14 September 2016</u>	<u>The comment was acknowledged.</u> <i>Tania Oosthuizen, EAP</i>
4.13 Letter from SAHRA				
4.13.1	<u>SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit accepts the HIA as is, and agrees with the recommendations provided in the report. As such SAHRA has no objections to the proposed Kendal 30 year Ash Disposal Facility being constructed on the following conditions:</u> <ul style="list-style-type: none"> • <u>A letter of appointment for the palaeontologist must be submitted to the case in the case private field. The letter must also indicate the days in which he/she will be on site for monitoring.</u> • <u>The graves must be mitigated in terms of section 36 of the NHRA as mentioned in the recommendations of the report.</u> • <u>Comment on site KAD 15 the farmstead must be obtained from the MPHRA. Please contact Mr Ben Moduka at bmoduka@mpg.gov.za and</u> 	<u>Nokukhanya Khumalo (SAHRA)</u>	<u>20 September 2016</u>	<u>The letter is noted and the recommendations have been included in the EMP.</u> <u>An email has been sent to Mr Ben Moduka regarding the homestead.</u> <i>Tania Oosthuizen, EAP</i>

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	<p>013 766 5196.</p> <ul style="list-style-type: none"> • <u>If any newly discovered heritage resources during construction and operation phases of the proposed development, prove to be of archaeological or palaeontological significance a Phase 2 rescue operation might be necessary, and a permit will be needed before mitigation is carried out.</u> • <u>You may contact SAHRA APM Unit for further details: (Nokukhanya Khumalo/John Gribble 021 202 8652). If any unmarked human burials are uncovered then please contact the SAHRA BGG Unit (Itumeleng Masiteng/Mimi Seetelo 012 320 8490).</u> • <u>A professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the findings at the expense of the developer. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required at the expense of the developer.</u> • <u>The above conditions should be included into the EMPr for the project for implementation during construction, operation and decommissioning of the facility.</u> 			

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4.14 <u>Comment sheet by Harry van Biljon</u>				
4.14.1	<u>He indicated that some residents don't have title deeds and this is a problem.</u>	Harry van Biljon (Schoongezicht resident)	<u>21 September 2016</u>	Refer to response given in point 3.21.9 and 3.21.10 <u>Tania Oosthuizen, EAP</u>
4.15 <u>Letter from DAFF</u>				
4.15.1	<u>The Department submitted a letter with mitigation measures for all phases of the development.</u> <u>The letter concluded that the DAFF supports the project and also reserves the right to alter or amend its viewpoint based on forthcoming studies, documentation and information which may become available as the process progresses.</u>	Frans Mashabela (Resource Auditor)	<u>5 October 2016</u>	<u>The comments were acknowledged.</u> <u>It can also be confirmed that the mitigation measures proposed are already included in the EMP (Appendix G).</u> <u>Tania Oosthuizen, EAP</u>
4.16 <u>Email from Mpumalanga Health</u>				
4.16.1	<u>As Department, we do not have any comments, but will monitor the process for possible recommendations.</u> <u>The district municipality who is the main stakeholder will comment.</u>	Provincial Environmental Health Manager	<u>11 October 2016</u>	<u>The comment was acknowledged.</u> <u>Tania Oosthuizen, EAP</u>
4.17 <u>Email from Tim van Stormbroek</u>				
4.17.1	<u>Please register me as an IAP for the project on behalf of Wescoal. Wescoal would be interested in taking any excess hard or soft overburden that may be available to help with their balance of backfill for rehabilitation.</u>	Tim van Stormbroek	<u>24 October 2016</u>	<u>Comment was forwarded to Eskom for response.</u> <u>Tania Oosthuizen, EAP</u> <u>Kendal will be using the excess material (e.g topsoil) for their ash disposal facility rehabilitation.</u> <u>Kendal is not considering the option of ashing into mined area. It will be using the normal surface area.</u>

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				<p>The contact details of the Eskom Research department was forwarded to Tim for further discussion should they be doing similar studies elsewhere.</p> <p><i>Emmy Molepo, Eskom PM</i></p>
4.18 Email from Afgri				
4.18.1	<p><u>AFGRI legal requested that I should confirm that we have no comment and you can proceed with the finalization of the project documentation.</u></p>	<p><u>Thabiso Maema</u></p>	<p><u>25 October 2016</u></p>	<p>Email acknowledged.</p> <p><i>Tania Oosthuizen, EAP</i></p>