

Appendix E: Public Participation

Appendix E1: Comments and responses report



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Proposed Alleen 2 Open Cast Extension, Magdalena Colliery in Dannhauser, KwaZulu-Natal

Comments and Response Report

Version - 2

08 September 2014

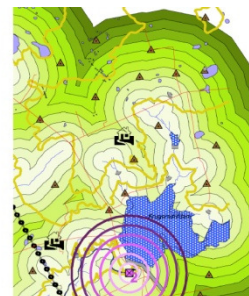
Zinoju Coal (Pty) Ltd

ZINOJU

DEDTEA Reference Number:

DC25/0018/2013:KZN/EIA/0001359/2013

GCS Project Number: 13-727



1 INTRODUCTION

This Comment and Response Report (CRR) lists issues raised by stakeholders, potentially affected landowners and Interested and Affected Parties (I&APs) during the Basic Assessment process. Comments submitted via telephone, email, post or fax have been included in this report. The public participation for this project has been undertaken in accordance with Regulation 54 of the EIA Regulations (GNR 543) and associated guidelines. As part of the prescribed process, the following tasks were undertaken:

- Identification and registration of stakeholders and I&APs on a database.
- Notification of Key Stakeholders through letters, email and telephonic discussions.
- An invitation for the registration and participation of I&APs, was placed in the Newcastle Advertiser and Northern KwaZulu-Natal newspapers.
- Notice boards detailing information about the project and the BA Process, as well as invitation to register as I&APs, were strategically fixed at various points around the development site.
- A Background Information Document (BID) was compiled in English and Zulu and distributed to surrounding landowners. The BID contains information on the proposed project, the proponent, consultants, the BA process and associated PPP to be followed.
- The Draft BAR was made available for public review and comment from 17 January to 25 February 2014.
- A public meeting was held on 21 February 2014 in order to provide I&APs with a further opportunity to raise concerns and submit comments.
- Minutes of this meeting are included in Appendix E7 of the Final Basic Assessment Report, and include responses given to I&APs during the meeting.
- The Final BAR was submitted to DEDTEA and made available to I&APs for a further 21 day comment period. All I&AP and Stakeholder comments submitted in response to the review of the Final BAR were submitted directly to the DEDTEA for consideration in the application.
- This amended report has been produced in order to address additional comments that were submitted by the Department of Water Affairs, Amajuba District Municipality and Ezemvelo KZN Wildlife (EKZNW).
- Copies of written comments received are included in Appendix E8 of the Final Basic Assessment Report.

2 COMMENTS ON DRAFT BASIC ASSESSMENT REPORT

Table 1: Ezemvelo KZN Wildlife (EKZNW) Comments - 11 April 2014

ISSUE/COMMENT RAISED	COMMENTATOR/S	RESPONSE
<p>The abovementioned application has been reviewed by the Ezemvelo KZN Wildlife (Ezemvelo) IEM Planning Staff. Based on the information supplied and the interrogation of our databases, provided that the recorded outlined below are adhered to any potential negative impacts upon local biodiversity.</p> <p>Should a license for the proposed application be granted, it is recommended that the following be included into the conditions of the permit:</p> <ol style="list-style-type: none"> 1) No access is allowed to ecologically sensitive areas, including inter alia: <ol style="list-style-type: none"> a) The 1:100 year flood line including a further ecological buffer zone of 20m; b) Wetlands, springs and pans, and their 200m ecological buffer (the outer edge of the hydromorphic zone must be delineated by a suitably qualified specialist); c) Streams, rivers and dams, and their 100m ecological buffer (the outer edge of the hydromorphic zone must be delineated by a suitably qualified specialist); d) Rocky outcrops and ridges; e) Sensitive areas identified by Ezemvelo, or any other suitably qualified specialist; and f) Known breeding, roosting and foraging sites of species of conservation significance and their required buffer zones (as identified by a suitably qualified specialist). 2) Existing access routes should be used as far as possible. New access routes should avoid all sensitive areas and their ecological buffers (see point 1 above); 3) A Stormwater Management Plan (SMP) is produced for this 	<p>Mr Musawenkozi Mkhize (EKZNW)</p>	<p><i>Email (15 April 2014) - Kelly Taylor (GCS (Pty) Ltd):</i></p> <p>Many thanks for submitting your comment on the Alleen 2 Open Cast Extension. Your comments have been included in the Final BAR due to be submitted to the DEDTEA shortly.</p> <p>In reference to Point 1 of the comment submitted, please note that Zinoju Coal are applying for the mining footprint to extend through a number of ephemeral streams, and that the preferred site cannot feasibly exclude these. Therefore the recommendation to exclude from the 1:100 year floodline and streams / rivers would not be applicable should Authorisation be granted for Zinoju to mine within the watercourses. However, an Ecological Assessment has been undertaken for the project which investigated impacts to watercourses in great detail. This Assessment is available in Appendix D of the Draft Basic Assessment Report, and the updated Assessment will be included in the Final Report. You will be notified of the availability of the Final Report for comment shortly.</p> <p>Further to the response submitted, the following comments are made with respect to each stated condition:</p> <p>1a) Nine degraded and incised first-order watercourses occur within the proposed mining footprint none of which were recognised as ecologically sensitive. While these ephemeral streams are dry for much of the year, it is recognised that they still perform valuable functions. However, application of 1:100 year floodlines with additional 20m ecological buffer zones would exclude much of the proposed mining area and render the project unfeasible.</p>

ISSUE/COMMENT RAISED	COMMENTATOR/S	RESPONSE
<p>development to ensure that post-development stormwater runoff approximates pre-development conditions in terms of water quality, intensity of release and spatial distribution of release points; and</p> <p>4) Permits for the removal of protected plant species must be obtained from Ezemvelo’s Permits Office.</p> <p>Should any biodiversity issues arise or should you require any clarity on the points raised above, please do not hesitate to contact our offices.</p>		<p>b) No wetlands or their 100m buffer zones occur within the proposed mining zone.</p> <p>c) Continuing from 1a) above, application of a further 100m ecological buffer zone to each of the streams would render the project unfeasible and unpractical to mine small portions between buffer zones.</p> <p>d) No Rocky outcrops and ridges are present within the mining zone.</p> <p>e) Apart from the watercourses, no sensitive areas were identified.</p> <p>f) No known breeding, roosting and foraging sites of species of conservation significance were identified.</p> <p>2) Existing access routes will be used as far as possible. New access routes will avoid all sensitive areas and their ecological buffers where possible;</p> <p>3) A Stormwater Management Plan (SWMP) for mining operations at Magdalena does exist to ensure the principles of the Water Act are considered in the mine’s activities pre-, during and post-mining with the separation of clean and dirty water as one of the primary objectives. The updated SWMP including the proposed open cast extension will be included in the pending IWULA Amendment.</p> <p>3) Permits for the removal of protected plant species will be obtained from Ezemvelo’s Permits Office as required.</p>

3 COMMENTS ON FINAL BASIC ASSESSMENT REPORT

Table 2: Department of Economic Development, Tourism and Environmental Affairs (DEDTEA) Comments - 14 July 2014

COMMENTS	ACTION	Ref.
The comments/objection from the Department of Water Affairs dated 10 June 2014 needs to be addressed.	Comments from DWA have been addressed and/or actioned in the Revised Final BAR.	Please refer to the table below for specific references.
The rationale for following a Basic Assessment process is not clear. The vacant, undeveloped or derelict area to be disturbed is to be calculated and indicated in the report. The activity related to the transformation of land is not included in the report.	Section B3 (Activity Description) of Final BAR clarified.	Please refer to Table 1 of Section B3 within the Final BAR for an explanation of how the size of vacant land was determined.
A rehabilitation plan is not included in the report	A Rehabilitation Plan extracted from the approved Environmental Management Programme Report (EMPR) for Magdalena Colliery has been included in the Environmental Management Plan compiled for the Alleen 2 application.	Please refer to Section 7 of the EMP for a Rehabilitation Plan, included as Appendix F of the Final BAR.
The impact to livestock during blasting and mitigation measures needs to be assessed and included in the report.	Section of FBAR updated with impacts to livestock and mitigation measures.	Please refer to Section E3 (Impact Significance Tables) - Construction and Operational Phase - for updated mitigation measures.
A layout map indicating existing and proposed expansion with superimposed buffers should be included.	An updated Mine Work Programme has been produced indicating the existing open cast area and proposed expansion, including buffers from watercourses within the expansion area.	Please refer to Appendix C2 of the Final BAR for an amended Mine Work Programme.
A relocation plan for the affected houses is not included in the report	Details regarding the proposed relocation have been included in the Final BAR.	Please refer to Section B2 of the Final BAR.

Table 3: Department of Water Affairs (DWA) - 10 June 2014

COMMENTS	SITE VISIT	ACTION	Ref.
1. Page v of the executive summary makes mention of an application for the extension of a discard dump on site which is said to be underway. This office would be pleased to get a copy of that application for review and comments.	DWA need to understand what happens to waste generated on site. The report notes that an application for extension of the discard dump is underway. a) Mr Russell Stow (RS - GCS) noted that the application for the discard dump is underway, a Scoping Report has already been submitted to DWA. Noted that GCS will check who this report was submitted to and give another copy if necessary.	GCS - re-submit a copy of the Discard Dump Extension Scoping Report to DWA.	Not applicable - Scoping Report to be submitted separately.

COMMENTS	SITE VISIT	ACTION	Ref.
	<p>b) Ms Zethu Makwabasa (ZM - DWA) noted that this probably went to Lindiwe. Agreed that DWA will need another copy to comment. The IWULA is also required, need as much information as possible, e.g. the size of the dump.</p> <p>c) RS - The approach was to include the dump and open cast extension into one IWULA amendment.</p> <p>d) Mr Fanie Muller (FM - Zinoju) noted the urgent timeframes for this project as the current open cast is almost exhausted and the mine might need to retrench staff if the extension is not granted.</p>		
	<p>Lwandle Sibango (LS - DWA) noted that DWA will need the calculation of undeveloped versus developed land, as this was not clear in the report.</p> <p>a) Poovi Moodley (PM - DEDTEA) agreed that they would require this information to clarify if the project is subject to a Basic Assessment or Scoping and EIA.</p> <p>b) Ms Kelly Taylor (KT - GCS) to send an addendum noting the size of the vacant land to DEDTEA and DWA.</p>	<p>GCS - Clarification of the calculation of undeveloped versus developed land.</p> <p>GCS - write up explanation of calculation and confirmation of EIA triggers and required process.</p>	<p>Please refer to Table 1 of Section B3 within the Final BAR for an explanation of how the size of vacant land was determined.</p>
<p>2. Page ix of the Executive summary and the Desktop Ecological Assessment conducted by GCS (2013) which is included as Appendix D concluded that:-</p> <p>2.1 Nine degraded and incised first-order watercourses occur within the proposed mining footprint;</p> <p>Despite the report indicating that these are first-order watercourses it should be noted that this office has a mandate to protect all watercourses as stated in Chapter 1 of the</p>	<p>ZM - Regarding the Ecological Assessment and watercourses identified, what are the strategies to mitigate this damage?</p> <p>Also note that an IWULA is required. The report must make clear that no fish are present in these watercourses, etc. as per comments sent by DWA. Regarding the headwaters, the IWULA Amendment will be required for a description of the headwaters.</p> <p>a) RS - Agreed, this will be done. RS explained the proposed diversion of channels to keep flow through main watercourses, and that Zinoju has excluded the first channel and last channel (before the school) from the extended mining</p>	<p>GCS to prepare and submit an IWULA Amendment which would include:</p> <p>a) Strategies to mitigate damage to water courses¹. (EMP/SWMP)</p> <p>b) Clarification on presence of fish.</p> <p>c) Description of the headwaters.</p> <p>d) More detailed description in the EMP on the diversion of water around the working mine area.</p> <p>e) Detailed description of mining approach for the extension.</p> <p>f) Anticipated programme for the</p>	<p>IWULA to be submitted as a separate process.</p> <p>a) Refer to EMP and Section E3 of the Final BAR for measures to mitigate damage to watercourses.</p> <p>b) Refer to Section E2.2b (Biological Environment) and Appendix D1.</p> <p>c) Refer to Section E2.2b (Biological Environment).</p> <p>d) Please refer to Section 6.10 of the EMP (Appendix F of</p>

¹ 2008 EMPR section, EIA EMP, RSIP, IWWMP

COMMENTS	SITE VISIT	ACTION	Ref.
<p>National Water Act, Act 36 of 1998, irrespective of their order and/or size. It should further be noted that first-order stream flow into and feed larger streams, are commonly headwater streams and constitute waterways in the upper reaches of the watershed. Therefore the protection of this level of watercourses is vital for the existence of larger ones.</p> <p>2.2 The study area occurs within a sub-quaternary catchment classified as a Fish Support Area by National Freshwater Ecosystems Priority Area (NFEP). Furthermore, Page 13 of the Desktop Ecological Assessment report confirms that the sub-catchment within which the site falls is a Fish Support Area (FSA).</p> <p>Despite the fact that the report indicates that the area is not a fish sanctuary, this office regards FSA as important for the migration of threatened or near-Threatened fish species. In this regard, this office would like to know what strategies will be in place to mitigate the impacts to this important migratory corridor.</p>	<p>operations. Exploration drilling found burnt coal in this area which was unfeasible to mine.</p> <p>b) RS noted that GCS will need to send an updated layout map from Zinoju showing this, and indicating the planned diversions.</p> <p>c) ZM suggested that Zinoju submit an IWULA Amendment now and allow DWA to review information available until such time as the ROD is received from DEDTEA. ZM noted that the headwaters will be the greatest challenge and will need a (c) and (i) application.</p>	<p>life of the mine.</p> <p>g) Provision of an updated layout showing newly revised mining area, mining blocks and diversion areas.</p>	<p>the Rehabilitation Plan).</p> <p>e) Please refer to Section B2 and Appendix G of the Final BAR for a detailed description of the mining approach.</p> <p>f) Please refer to Appendix G for a Mining Work Programme.</p> <p>g) Please refer to Appendix C2 of the Final BAR for an updated layout plan.</p>
<p>3 Page xv of the Executive summary states that "An Integrated Water Use Licence Application (IWULA) must be submitted to the Department of Water Affairs (DWA) for in terms of watercourse and wetland crossings (Section 21 c and i). The IWULA Amendment requirements will be incorporated into the IWULA amendment application currently in progress for the extension of the discard dump."</p> <p>3.1 This office notes that statement with appreciation, in particular, the subsequent statement that the relevant approvals must be</p>		<p>Noted - GCS to prepare and submit an IWULA Amendment.</p>	<p>IWULA to be submitted as a separate process.</p>

COMMENTS	SITE VISIT	ACTION	Ref.
<p>in place prior to the commencement of any site clearing or construction activities. 3.2 Similarly to point 1 this office would be pleased to get a copy of this (IWULA) application for review.</p>			
	<p>PM requested details of water supply for the community, the end use of land, and plans for rehabilitation.</p> <ul style="list-style-type: none"> a) FM and RS noted that there is a pipeline in place which supplies water to the community, and end use is grazing (as the land is unstable), with potential options for forestry / crops. Rehabilitation is undertaken as mining progresses. b) ZM - noted that the mine needs to inform DWA when rehabilitation is planned. c) LS requested that Zinoju investigate options to preserve the other watercourses on site as well, and not just two. RS responded that this is difficult as mining activities are always likely to cross watercourses, and need to look at this in context of the condition of the watercourses, as well as the planned diversions and rehabilitation. d) ZM asked how long it takes to mine a portion of land, and if the mine can separate sections out into 'mining blocks' for ease of assessment and rehabilitation. FM noted that layout plans do separate areas out into mining blocks and the mine can provide this to DWA. ZM asked if timeframes can also be provided with the plan. e) PM noted that houses still need to be relocated, and asked how these houses are profiled, and how monitoring is done for damage to houses. Shaun Lake (SL - Zinoju) noted that the mine undertake monitoring of houses for cracking, etc. and compensate where required. 	<p>Addendum to the Basic Assessment Report to confirm and emphasise:</p> <ul style="list-style-type: none"> a) Details of water supply for the community. b) The end land use. c) Plans for rehabilitation². d) Mining blocks. e) Mining programme time frames f) Description / reference to housing relocation plan. 	<ul style="list-style-type: none"> a) Please refer to Section E2.2b (Community Housing). b) Please refer to Section B2 and E 2.4b (Increase in Land Capability) for a description of the end land use. c) Please refer to Section 7 of the EMP for a Rehabilitation Plan, included as Appendix F of the Final BAR. d) Please refer to Appendix C2 of the Final BAR. e) Please refer to Appendix G for the Mining Work Programme. f) Please refer to Section E2.2b (Community Housing).

² RSIP (2013) and IWWMP (2013)- requirement of IWULA

COMMENTS	SITE VISIT	ACTION	Ref.
<p>4. Page 52 of the BAR lists 'water abstraction' as one of the activities likely to have an impact on the lives of the communities. This office would like to know the meaning of the term abstraction as well as the water resource to be used for this purpose. In the event that water abstraction will occur then this should be included in the IWULA.</p>		<p>Explanation of the term abstraction and the associated water uses.</p>	<p>Please refer to Section B 14 of the Final BAR (Water Use).</p>
<p>5. Page 53: Groundwater Contamination and flow reduction states that pit dewatering will continue during the operational phase which will create a cone of depression ... This office regards dewatering of a pit as a water use in terms of Section 210) of the National Water Act, Act 36 of 1998 and thus hopes that it is included as such in the IWULA mentioned above.</p>	<p>ZM and LS noted that the IWULA Amendment will need to include Section 21 (j) - pit dewatering.</p>	<p>Noted and to be included in IWULA Amendment.</p>	<p>Please refer to Section B 14 of the Final BAR (Water Use).</p>
<p>6. Page 54 of the FBAR indicates that "it is evident that the proposed open cast extension will reduce peak flows and volumes in the catchment. Page 82 of the FBAR : Section F : Recommendations of EAP recommends that "the Water Balance be updated and that the measures recommended in the signed Stormwater Management Plan (SWMP) be adhered to and that detailed SWMP designs are signed off by a registered engineer". This office appreciates such a move but would like to know as to when this recommendation will be implemented.</p>	<p>ZM and LS noted that the water balance must be updated and SWMP recommendations must be adhered to.</p>	<p>Noted: The updated water balance and signed off SWMP designs will be included in the IWULA Amendment.</p>	<p>N/A</p>
<p>7. Page 12 of the Desktop Ecological Assessment report states that there are two wetlands located closer to the site, but are not actually located along the Poonaspruit and Bloubanspruit whereas page 11 of the same report states that "no wetland areas appear to</p>	<p>ZM - Watercourses and wetlands to be delineated to show the distance from wetlands to the open cast extension and how big the buffer zone is. Addendum must clarify issue about wetlands on site as per requirements in DWA comment.</p>	<p>Noted. A wetland assessment has been completed as part of the BA process. An additional map will be provided showing the distance from the wetlands to the</p>	<p>Refer to Section E2.2b (Biological Environment) and Appendix D1.</p>

COMMENTS	SITE VISIT	ACTION	Ref.
<p>be present on or immediately downstream and/or adjacent to the project site". The presence of wetlands is also confirmed in Page 33 of this report which states that "there are also important wetlands (EGSAs) to the east of the site associated with the floodplain wetland located at the confluence of the Bloubanspruit and the Buffels River". This office would like to:</p> <p>7.1 get clarity with regards to this contradiction.</p> <p>7.2 be supplied with the exact distance between the proposed development and delineated boundaries (edges) of these wetlands.</p>		proposed site.	
<p>8. Page 39 of the Desktop Ecological Assessment report: Recommended Mitigation Measures recommends that "the most northern watercourse within the property and mining footprint should be excluded from the mining footprint and afforded a 30m buffer." This section further recommends that "whenever possible, mining should be excluded from the watercourse and a small buffer through the breaking up of the open cast extension into segments separated by the watercourses".</p> <p>8.1 This office would like to know the rationale for using 30m as a buffer for the watercourse(s)</p> <p>8.2 This office would also like to know the meaning of the "small buffer" as indicated in the report</p> <p>8.3 This office would further appreciate a representation (in a map) of the proposed development area, with all watercourses on site as well as an overlay of the proposed buffer areas.</p>	ZM - The Addendum must explain the rationale for the 30 m buffer from watercourses, and give a map showing all watercourses and buffer areas needed, if no buffer zone of 100m, then an IWULA is needed.	<p>Note. IWULA and Final BAR Amendment to include:</p> <p>a) Explanation of rationale for 30m buffer zone.</p> <p>b) Define a small buffer zone from applicable watercourses.</p> <p>c) Explanation to note revision of mining plan to exclude the northern and southern-most drainage lines from mining operations.</p>	<p>Please refer to Section B4 of the Final BAR (Alternatives Assessment).</p> <p>It is noted that a 100m buffer has now been applied to the northern-most watercourse.</p> <p>IWULA Amendment to include full details required from comments.</p>

COMMENTS	SITE VISIT	ACTION	Ref.
<p>8.4 The applicant is reminded that in terms of the National Water Act, Act 36 of 1998, a distance of 100m from a water course or a 1: 100 flood line (whichever is greatest) is regarded as a regulated area and that no activities should occur within that area.</p>			
<p>9 (i) A majority of figures such as Figure 7 : Desktop vegetation communities; Figure 6 -1 : Magdalena Catchments; Figure 9-3 : Conceptual stormwater management indicate that the proposed development will bisect drainage lines and/or streams occurring within this sub-catchment which also serve as head waters of the Poonaspruit and Bloubankspruit .</p> <p>(ii) Page 27 of the Hydrological Assessment also states that " the mining activity and the catchments of streams are likely to be impacted by proposed mining, it is immediately apparent that a large number of watercourses cross the proposed opencast mining area... the entire site must be considered to fall within protected riparian zones.</p> <p>(iii) Page 24 of the Hydrological Assessment states that "... the most significant challenge in terms of Storm Water Management Planning will be to contain runoff from areas upstream of the proposed works and divert this clean water past the proposed mining activities. Page 27 of the Hydrological Assessment also states that in some instance it may be possible to design and construct cut-off drains and divert the 1:50 year flood expected from the catchments past the opencast areas.</p> <p>The northern drain will need to divert flows of up to 24m/s and will most likely need a grassed waterway that is 25m wide. An additional complication is that the local soils appear to be</p>	<p>ZM noted that altering of river characteristics is a fatal flaw, and the major issue from DWA is the watercourses and effect of headwaters on downstream. IWULA Amendment required with detailed documents.</p>	<p>Note. a) Zinoju / GCS to motivate need to cross catchment headwaters in IWULA Amendment.</p>	<p>Not applicable - IWULA to be submitted as a separate process.</p>

COMMENTS	SITE VISIT	ACTION	Ref.
<p>highly dispersive and prone to erosion.</p> <p>From the above statements it appears that the proposed mining activities will significantly alter the water resources' characteristics as this operation will involve bisecting and diversion of the affected watercourses. This office regards 'bisecting and diversion of watercourse(s) as a fatal flaw and therefore does not support any development involving diversion, re-routing or bisecting watercourses.</p>			
	<p>ZM and PM requested that an Addendum be submitted as soon as possible, including the following:</p> <ul style="list-style-type: none"> a) Clarify method of mining. b) Maps and plans as discussed above. c) Clarification of watercourse / wetland impacts. d) Clarify method of rehabilitation. e) Confirm if EMP needs an Addendum / amendment. f) Include safety register audits. g) Also include any responses need to KZN Wildlife comments. 	<p>Noted. GCS to prepare the IWULA and Final BAR Amendment inclusive of the stated required documents.</p>	<ul style="list-style-type: none"> a) Please refer to Section B2 and Appendix G of the Final BAR for a detailed description of the mining approach. b) Please see the above mentioned references. c) Refer to Section E2.2 - 2.4 (Biological Environment) and Appendix D1. d) Please refer to Section B2 of the Final BAR and Section 7 of the EMP. e) The EMP included in Appendix F of the Final BAR has been amended. An EMPR Amendment has already been submitted to the DMR for the proposed project. f) Regular Safety audits will be undertaken and details thereof will be included in the IWULA Amendment. g) Responses to KZN Wildlife comments are included in the table below.

Table 4: Amajuba District Municipality Comments - 04 June 2014

ISSUE/COMMENT RAISED	COMMENTATOR/S	RESPONSE
<p>1) There is a potential for dust generation from open cast mining activities on site as well as emissions from transport and mining vehicles. In terms of the Draft National Dust Control Regulations 2012, the dust fall rate at the boundary or beyond the boundary of the premises where dust originates should not exceed 600mg.m2/day measured using ASTM D1739 for residential areas and should be less than 1200mg/m2/day averaging over 30 days for non-residential and light commercial areas. It is therefore required that a detailed dust monitoring plan be prepared and submitted to this office.</p> <p>2) Any form of waste material including rubble resulting from demolishing of buildings and other solid infrastructure generated during construction must be disposed of at a facility registered in terms of section 20(b) of the National Environmental Management: Waste Act (Act No. 59 of 2008), if it cannot be responsibly re-used on site or offsite. No waste material may be buried or burned on site.</p> <p>3) On the proposed expansion there are five heritage sites situated more than 70m from the proposed mining band, these sites include two later Iron Age sites and three grave sites. However, a buffer of 15m must be maintained around the grave sites and 50m around the Iron Age sites as stipulated in section 2 of the National Heritage Resources Act, 1999.</p> <p>4) There must be no impact on the quality of both surface and groundwater in the area. If pollution of any surface or groundwater occurs, it must be immediately reported to the Department of Water Affairs and the appropriate mitigation measures must be implemented.</p> <p>5) Blasting at the open cast section must bear in mind breeding and nesting sites in close proximity of the area. Animal life must be left unharmed and must not be disturbed by mining activities or any other associated activities.</p>	<p>Ms Nkaheleng Motaung (Amajuba District Municipality)</p>	<p>The following responses are made with respect to each stated comment:</p> <p>1) Dust monitoring will be undertaken as per the existing EMPR for Magdalena Colliery. It is recommended that should the Alleen 2 opencast extension receive Environmental Authorisation (EA), that the submission of a dust monitoring plan to the Amajuba District Municipality be included as a condition of the EA. This has been included in the Amended EMP included as Appendix F of the BAR.</p> <p>2) - 5) The comments are noted and have been included in the Amended EMP included as Appendix F of the BAR.</p>

Appendix E2: Proof of Advertisement

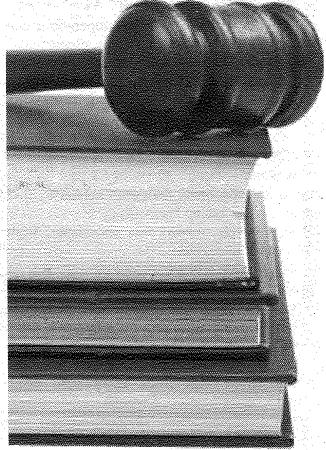
VACANCY
Glencoe Pre Primary School
 Closing date: 29 November 2014
Post Description:
 - Bilingual person
 - Teaching 4/5 year old learners
Salary: According to SAVF salary scales
 Enquiries and application to:
SAVF Glencoe Pre Primary School
 Contact: Gerda Rall 034 393 1524
 Email: glencoepp@vodamail.co.za

DEADLINE FOR NOTICES LEGALS TENDERS AUCTIONS FRIDAY 2PM



UNkulunkulu anibusise Umndeni wakwa Khanyile e Sibongile uzwakalisa ukubonga okukhulu kumphekathi wase Sibongile namaphethelo ngokubasingathi ngenkathi behlelwe ifu elimnyama lokulimala kwendodakazi yabo uXoli owalimela engozini yemoto hephuma emebizini benamanye amaphoyisa ojele. Uthi lo mndeni enikwenzile nize nikwenzile nakwabanye uNkulunkulu anibusise. Umndeni wakwa Khanyile ku langa Street eSibongile.

LEGALS AUCTIONS NOTICES




FREE CLASSIFIED ADVERTS

Advertise your unwanted goods
PRIVATE SELLERS ONLY,
 no business dealers.

TERMS & CONDITIONS:

- 15 words per advert.
- Strictly private sellers only.
- No motoring.
- No pets.
- No services.
- One advert per person.



DEADLINE: Monday 10am

For more information contact Bernice Fourie 034 218 2534

NOTIFICATION OF AN ENVIRONMENTAL ASSESSMENT, EMPR AMENDMENT AND WATER USE LICENSE APPLICATION PROCESS FOR THE PROPOSED ALLEEN 2 OPENCAST EXTENSION AT MAGDALENA COLLIERY NEAR DUNDEE, KWAZULU-NATAL

GCS REFERENCE NO: 13-727

Notice is given of the commencement of an Environmental Assessment, Environmental Management Programme (EMPR) amendment and Integrated Water Use License Application (IWULA) process for the proposed extension to the Magdalena Colliery opencast area, located approximately 25km north-northwest of the town of Dundee, GPS Co-ordinates: 27° 56' 55.64"S; 30° 10' 39.28"E, KwaZulu-Natal. The extension is required in order to accommodate the operational life of the company's mining operations at the Magdalena Colliery. The Environmental Assessment and EMPR amendment will be undertaken by GCS (Pty) Ltd on behalf of the applicant, Zinoju Coal (Pty) Ltd. This is in compliance with Regulation 54 of the Environmental Impact Regulations (GN No. R.543 - 2010), under Section 24(5) of the National Environmental Management Act (No.107 of 1998), the Mineral and Petroleum Resources Development Act (No. 28 of 2002) and the National Water Act (No. 36 of 1998) (NWA).


It should be noted that the Magdalena Colliery is an existing coal mine with an approved EMPR in accordance with the MPRDA. The approved EMPR will be amended to include the opencast extension.

The existing mining area is planned to be extended northwards by a total of 180 ha onto 18 portions of the Farm Alleen 2 No. 4280. The opencast extension area will be 2350m long by 315m wide extending north from the existing open cast pit with an approximate area of 74 ha. Planned mining will include 106 ha of underground mining. The land is currently used by the local community for informal housing and grazing, and a number of ephemeral (seasonally wet) watercourses are present on site.

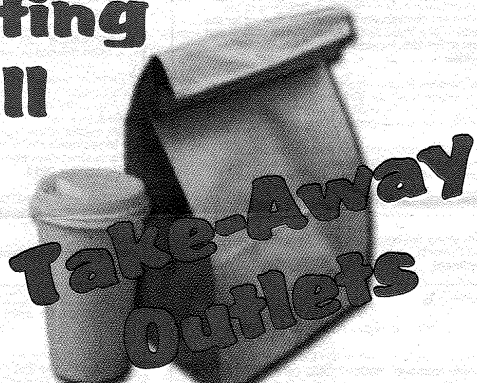
All interested and/or affected parties (I&APs) are invited to register in writing with GCS in order to receive further information and correspondence on the project including notifications and updates. I&APs are further invited to submit written comments related to the project together with their name, contact details and an indication of any direct business, financial, personal or other interest which they have in the application by fax or email to the contact person below:

GCS Pty Ltd
 Kelly Taylor
 Tel: 031 764 7130
 Fax: 031 764 7140
 Email: kellyt@gcs-sa.biz
 Date of Notice: 20 November 2013

Postal Address
 PO Box 819
 Gillitts, 3603



Inviting all Take-Away Outlets



to advertise in our Take-Aways feature!

To be published in next week's issue (November 27, 2013)

Information required for advert:

Business Name / Logo

Contact Details

Address

Cost of advert: R157.70 (incl.)

Deadline for adverts: Friday November 22, 2013 at 12 am

For more information please contact Bernice Fourie
 Tel: 034 218 2534
 Fax: 034 218 2536
 Email: class.courier@caxton.co.za

ISAZISO SENQUBO YOCWANINGO LWEZEMVELO, UKWENZELELWA KWE-EMPR KANYE NESICELO SE-IWULA YEPHROJEKTHI EHLONGOZWAYO YOKUNWETSHWA KWENDAWO YOKUMBA EMAGDALENA COLLIERY YENWETSHELWA KWIPULAZI U-ALLEEN 2, ENDAWENI YASEDUNDEE, KWAZULU-NATAL

IRIFERENSI NO. YAKWAGCS :13-727

Lesi saziso senzelle ukwazisa ngokuqala kwenqubo yocwaningo lwezemvelo, ukwengezelelwa kwe-Environmental Management Programme (EMPr) evela ikhona ukuze kufakwe nendawo yephrojekthi ehlongozwayo yokunwetshwa kwendawo yokumba kanye neIntegrated Water Use Licence (IWULA) ehambisana nemisebenzi yokumba yasobala ehlongozwayo e-Magdalena Colliery, etholakala emabangani alinganiselwa ku-25km enyakatho yenyakatho ntshonalanga yedolobha lase-Dundee, GPS Co-ordinates: 27° 56' 55.64"S; 30° 10' 39.28"E, KwaZulu-Natal. Lokhu kunwetshwa kwendawo yokumba kuyadingeka ukuze kughubeka imisebenzi yokumba yasobala lapha e-Magdalena Colliery. Ucwango lwezemvelo kanye nokwengezelelwa kwe-EMPR kuzokwenza abakwa-GCS (Pty) Ltd bemelela abakwa-Zinoju Coal (Pty) Ltd. Lokhu kungokuvumelana nomthetho sikelo 54 wezokunakekelwa kwemvelo (GN No. R.543 - 2010), ngaphansi kwengxenywe 24(5) ye-National Environmental Management Act (No.107 of 1998), i-Mineral and Petroleum Resources Development Act (No. 28 of 2002) Kanye ne-National Water Act (No. 36 of 1998) (NWA).


Kudingeka kuqashelwe ukuthi i-Magdalena Colliery iyindawo yokumba evela isebenza ngokuvumelana nomqulu wezokunakekelwa kwezemvelo i-EMPr ehambisana nomthetho sisekole wezokumbiwa kwamagugu i-MPRDA. I-EMPr ephasisiwe izokwengezelelwa ukuze kufakwe nalendawo ehlongozwayo ukwengezwa.

Kuhlelwe ukuthi indawo yokumba yenwetshwe ngendawo elinganiselwa ku-180ha ezingxenyeni ezingu-18 zepulazi u- Alleen 2 No. 4280. Indawo yokumba yasobala izoba indawo elinganiselwa ku-2350m ubude, bese ukuvuleka kona kube u-315m ngasenyakatho nendawo yemisebenzi yokumba esebenza njengamanje elinganiselwa ku-74ha ubukhulu. Lemisebenzi yokumba ehleliwe izohlanganisa u-106 ha wendawo yemisebenzi yokumba eyenziwa ngaphansi komhlaba. Njengamanje indawo yeproject ehlongozwayo isentshenziswa umphakathinjengendawo yokuhlala kanye nokutshala. Lendawo inemisele eminingana yokuhamba amanzi umakade kunetha endaweni.

Bonke abathanda ukubamba iqhaza kanye nabathintekayo (I&APs) bayamenywa ukuba babhalise nabakwa-GCS ukuze bakwazi ukuthunyelelwa imininingwane eyengeziwe mayelana. Laba abathintekayo bayacelwa ukuba balethe imibono yabo ngokuyibalaphansi mayelana nale phrojekthi. Lababaphinde bacelwa ukuba balethe amagama nemininingwane yabo yokuxhumana kanye nezifiso abanazo noma abangabanazo ngale phrojekthi, okungaba okwe-bhizinisi, okwezimali, okumaqondana nomuntu siqu kanyenoma iziphi ezinye izifiso mayelana neprojekthi. Lokhu bangakwenza ngeFekisi noma nge-Imeyli kulemininingwane elapha ngezansi maphakathi nezinsuku ezingu-40 zalesiziso:

GCS Pty Ltd
 Ntombifuthi Vilakazi
 uCingo: 031 764 7130
 iFekisi: 031 764 7140
 i-imeyli:ntombifuthiv@gcs-sa.biz
 UsukuLwesaziso:20 November2013

IkhellLeposi
 PO Box 819
 Gillitts, 3603



NOTIFICATION OF AN ENVIRONMENTAL ASSESSMENT, EMPR AMENDMENT AND WATER USE LICENSE APPLICATION PROCESS FOR THE PROPOSED ALLEEN 2 OPENCAST EXTENSION AT MAGDALENA COLLIERY NEAR DUNDEE, KWAZULU-NATAL

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Notice is given of the commencement of an Environmental Assessment, Environmental Management Programme (EMPR) amendment, and Integrated Water Use License Application (IWULA) process for the proposed extension to the Magdalena Colliery opencast area, located approximately 25km north-northwest of the town of Dundee, GPS Co-ordinates: 27° 56' 55.64"S; 30° 10' 39.28"E, KwaZulu-Natal. The extension is required in order to accommodate the operational life of the company's mining operations at the Magdalena Colliery. The Environmental Assessment and EMPR amendment will be undertaken by GCS (Pty) Ltd on behalf of the applicant, Zinju Coal (Pty) Ltd. This is in compliance with Regulation 54 of the Environmental Impact Regulations (GN No. R.543 - 2010), under Section 24(5) of the National Environmental Management Act (No. 107 of 1998), the Mineral and Petroleum Resources Development Act (No. 28 of 2002) and the National Water Act (No. 36 of 1998) (NWA).

It should be noted that the Magdalena Colliery is an existing coal mine with an approved EMPR in accordance with the MPRDA. The approved EMPR will be amended to include the opencast extension.

The existing mining area is planned to be extended northwards by a total of 180 ha onto 18 portions of the Farm Alleen 2 No. 4280. The opencast extension area will be 2350m long by 315m wide extending north from the existing open cast pit with an approximate area of 74 ha. Planned mining will include 106 ha of underground mining. The land is currently used by the local community for informal housing and grazing, and a number of ephemeral (seasonally wet) watercourses are present on site.

All interested and/or affected parties (I&APs) are invited to register in writing with GCS in order to receive further information and correspondence on the project including notifications and updates. I&APs are further invited to submit written comments related to the project together with their name, contact details, and an indication of any direct business, financial, personal or other interest which they have in the application by fax or email to the contact person below.

GCS Pty Ltd
 Postal Address
 Kelly Taylor
 PO Box 819
 031 764 7130, Gillitts, 3603
 Tel:
 031 764 7140
 Fax:
 kelly@gcs-sa.biz
 Date of Notice:
 20 November 2013



DUNDEE AUCTION
DUNDEE & DISTRICT FARMERS UNION SALE
Thursday, 28 November 2013 at 10:30 at Auction Grounds

- 15 Slaughter sheep.
- 25 Store & Trade sheep
- 30 Slaughter cattle (A & AB grade).
- 50 Slaughter cattle (B & C grade).
- 160 Weaners & Feeders.
- 160 Store & Trade cattle.

Full conditions of sale available at www.bkb.co.za or at our office.

MARKETING ADVISORS:
 Pieter van Zyl 082 459 0668
 Brokkie Brockmann 084 429 3091
AUCTIONEER:
 Mark Höhls 082 908 8755

AUCTIONEER
 BKBLowrid Dundee
 PO Box 2724, Bethlehem, 9700
 Tel: 034 218 12615
 Fax: 034 218 1267
 E-mail: bethlehem@bklowrid.co.za
 Web page: www.bkb.co.za

ISAZISO SENQUBO YOCWANINGO LWEZIMVELO, UKWENZELELWA KWE-EMPR KANYE SIELO SE-WULA YEPHROJEKTI EHLONGOZWAYO YOKUNWETSHWA KWENDAWO YOKUMBA EMAGDALENA COLLIERY YENWETSHELWA KWIPULAZI U-ALLEN 2, ENDAWENIYASEDUNDEE, KWAZULU-NATAL

IRIFRENSINO YAKWAGCS: 13-727

Lesi saziso senzelewe ukwazisa ngokuba kwenzelwe yocwango lwezimvelo, ukwengezelelwa kwe-Environmental Management Programme (EMPR) evelo ikhona ukuze kufakwe nendawo yephojekthi ehlongozwayo yokunwetsha kwendawo yokumba kanye ne-integrated Water Use Licence (IWULA) ehambisana nemisebenzi yokumba yasobala ehlongozwayo e-Magdalena Colliery, ehlokalala emabangeni alinganisela ku-27° 56' 55.64"S; 30° 10' 39.28"E, KwaZulu-Natal. Lokhu kunwetshwa GPS Co-ordinates: 27° 56' 55.64"S; 30° 10' 39.28"E. Kwazulu-Natal. Lokhu kunwetshwa kwendawo yokumba kuyadingeka ukuze kuqhubekwe imisebenzi yokumba yasobala lapra e-Magdalena Colliery. Ucwangino lwezimvelo kanye nokwengezelelwa kwe-EMPR kuzokwenziwa abakwa-GCS (Pty) Ltd bemilela abakwa-Zinju Coal (Pty) Ltd. Lokhu kungokwumelana nomthethosisekeli 54 wezokunakelwa kwemvelo (GN No. R.543 - 2010), ngaphansi kwengxenywe 24(5) ye-National Environmental Management Act (No. 107 of 1998), i-Mineral and Petroleum Resources Development Act (No. 28 of 2002), Kanye ne-National Water Act (No. 36 of 1998), (NWA)

Kudingeka kuqashelwa ukuthi i-Magdalena Colliery yindawo yokumba evelo isebenza ngokwumelana nomqulu wezokunakelwa kwezimvelo i-EMPR ehambisana nomthetho sisekelo wezokumba kwamagugu i-MPRDA, i-EMPR ephasisane izokwengezelelwa ukuze kufakwe nelendawo ehlongozwayo ukwengezwa.

Kuhleliwe ukuthi indawo yokumba yenwetshwe ngendawo elinganisela ku-180 ha ezingxenyeni ezingu-18 zepulazi u-Alleen 2 No. 4280. Indawo yokumba yasobala izoba indawo elinganisela ku-2350m ubude bese ukuvuleka kona kube u-315m ngaseryaktho nendawo yemisebenzi yokumba esebenza niengamanye elinganisela ku-74 ha ubukhulu. Imisebenzi yokumba ehleliwe izohlanganisa u-106 ha wendawo yemisebenzi yokumba eyenziwa ngaphansi komlabha. Njengamanye indawo yephojekthi ehlongozwayo isentsenziswa yokuqhubeka njengendawo yokunakelwa kanye nokutshala. Lendawo nemilela eminingana yokuhamba amanzi uma kade kunetha endaweni.

Bonke abathanda ukufakha inxaxheba kanye nabathintekayo (I&APs) bayamnywa ukuba babhalise nabakwa-GCS ukuze bakwazi ukukhunyiselela imininingwane eyengxenywe mayelana nalephojekthi. Laba abathintekayo bayacelwa ukuba bafakhe imibono yabo ngokuyibhalisa phansi mayelana nalephojekthi. Laba baphinde bacelwa ukuba belethe amagama nemininingwane yabo yokukhumbana kanye nezizimi ababazo noma abangathi nazo ngalephojekthi, okungaba okwe-bhizinisi, okwezimali, okumaqondana nomuntu siqu kanye noma iziphi ezinye izifiso mayelana nephojekthi. Lokhu bangakwenza ngqFekisi noma nge-imeyili kuleminingwane elapha ngezantsi maphakathi nezinsuku ezingu-40 zalesi saziso:

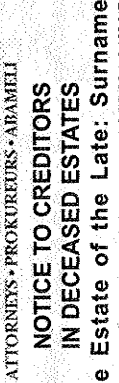
GCS Pty Ltd
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 031 764 7130, Gillitts, 3603
 uCingo:
 031 764 7140
 iFekisi:
 niombifuthi@gcs-sa.biz
 i-imeyili:
 Usuku Lwesaziso:
 20 November 2013



Call Cheryll to place all your Auction, Public Notice and Tender Advertisements (034) 312 6021

NOTICE TO CREDITORS IN DECEASED ESTATES

In the Estate of the Late: Surname: **NKABINDE** First names: **SYBIL NINGI** Estate number: **8353/2013/PMB** Identity/passport number: **650317 0423 088**. Date of death: **24/08/2004** Last address: **14 UMGINI AVENUE, NCANDU PARK, NEWCASTLE**. All persons having claims against the above-mentioned estate are required to lodge their claims within the undersigned within 30 days after the date of publication hereof. First Names and Surname of Surviving Spouse:



ATTORNEYS • PROKUREURS • ABAMELI

D B M
 ATTORNEYS • PROKUREURS • ABAMELI

NOTICE TO CREDITORS IN DECEASED ESTATES

In the Estate of the Late: Surname: **AKRAM** First names: **AKBAR ALI ABDOL SAMAD** Estate number: **009604/2013/PMB** Identity/passport number: **7203125174089**. Date of death: **14/10/2013** Last address: **14 USCO STREET, AMIEL PARK, NEWCASTLE, 2940**. All persons having claims against the above-mentioned estate are required to lodge their claims within the undersigned within 30 days after the date of publication hereof. First Names and Surname of Surviving Spouse: **SAFFIA BANU AKRAM**. Identity/Passport Number: **7203270204087**. Name and address of Executor or Authorised Agent: **SAFFIA BANU AKRAM, DBM OFFICE PARK, CORNER OF MEMEL RD AND ALLEN STREET, NEWCASTLE, 2940**. Reference: **EST/THUSHEN/H06888** DS067822RP / 10x2

NOTICE OF COURT ORDER IN THE HIGH COURT OF SOUTH AFRICA, KWAZULU-NATAL DIVISION, PIETERMARITZBURG. Case no. 1148/13. ON THE 05TH DAY OF NOVEMBER 2013.

Before The Honourable Madam Acting Justice STRETCH. In the matter between: **MILLENNIUM CONSTRUCTION CC (APPLICANT)** and **FEIZEL DAWOOD BEMAT N.O. (1st RESPONDENT), KASSIM AHMED GOGA N.O. (2nd RESPONDENT) BEMAT FAMILY TRUST (IT NO: 1314/2010/ PMB)(3rd RESPONDENT)**. UPON reading a rule nisi issued out of this Court on the 22nd August 2013 and the other documents filed of record; and UPON the motion of Counsel for the Applicant; **IT IS ORDERED THAT: 1.** The matter be and is hereby adjourned sine die. **2.** The rule is extended until confirmed or discharged. **3.** Costs to be costs in the cause. **BY ORDER OF THE COURT: RJ JOOSTE, REGISTRAR.** NOTICE OF SET-DOWN

Appendix E3: Proof of Site Notices

Client Name: Zinoju Coal (Pty) Ltd		Site Location: Dannhauser local area, Dundee, KwaZulu Natal	Project No. 13-727
Photo No. 1	Date: 26 November 2013		
Direction Photo Taken:			
Description: Currah Trade Store			
Photo No. 2	Date: 26 November 2013		
Direction Photo Taken:			
Description: Buhle Be-Allen Primary School			

Client Name:
Zinoju Coal (Pty)Ltd

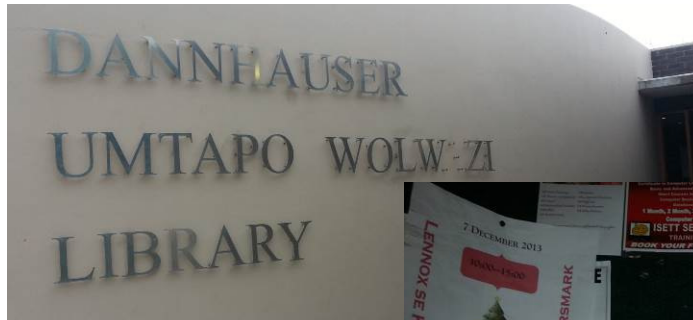
Site Location: Dannhauser local area, Dundee, KwaZulu Natal

Project No.
13-727

Photo No.
3

Date:
26 November 2013

Direction Photo Taken:



Description:
Dannhauser Library public notice. Notice was put up inside, on the library communication board.



Photo No.
4

Date:
26 November 2013

Direction Photo Taken:



Description:
Nellies Farm Clinic public notice.

NELLIES FARM CLINIC

HEALTH INMBOLO YODINGOTELEPHONE NUMBER: 034 366 7783
MINDA - SUNDAY

AMAJUBA DISTRICT KHA-LAMEZIFA, 034
UFSOMJULUHO - ISONTO

21 HOUR OPEN / KUPULUW

SERVICES PROVIDED

1. Health Education
2. Maternal Health Management
3. Reproductive Health Management/Family Planning
4. Pregnancy Management/ Ante- and Post Natal Care
5. Cervical Cancer Screening - Pap Smears
6. Breast Examination
7. Child Health Management
8. Immunization & Weight Monitoring
9. HIV and AIDS Management
10. HIV Counseling and Testing
11. ARV Treatment
12. Counseling on Circumcision
13. TB Treatment & Other Communicable Diseases
14. Diabetes Management, Hypertension, Diabetes, Eye
15. Mental Health Care
16. Oral Health Care
17. Nutrition Education & Supplementation
18. Management of Common Injuries
19. Referral to other Health Services
20. Community Based Health Care and other Outreach Services
21. Sexually Transmitted Infections

1. Ukwakheka ngempilo
2. Ukunakheka kukayama ngempilo
3. Ukusabela ulendo
4. Ukusabela igqwane kengulazi (ingaseleki) kunenjama ngakawawo
5. Ukusabela igqwane komotoho welibelelo
6. Ukusabela kwabafazi
7. Ukunakheka kwabafazi ngempilo
8. Ukusabela kwabafazi kwempilo
9. Ukusabela kokugula okwibane kwabanwana
10. Ukusabela nokhululeka igqwane kengulazi
11. Ukusabela nokhululeka ngokwazi igqwane kengulazi
12. Ukusabela ngokwazi nokhululeka
13. Ukusabela kwesifo kengulazi nokhululeka ngokwazi
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23. Ukusabela kwesifo kengulazi nokhululeka ngokwazi
24. Ukusabela kwesifo kengulazi nokhululeka ngokwazi
25. Ukusabela kwesifo kengulazi nokhululeka ngokwazi

ATER HOURS, CALL EBUSUKU SHAYELA - 10177 - AMBULANCE

Client Name:
Zinoju Coal (Pty)Ltd

Site Location: Dannhauser local area, Dundee, KwaZulu Natal

Project No.
13-727

Photo No.
5

Date:
26 November
2013

Direction Photo Taken:

Description:

JZ Supermarket and wholesale public notice. Notice location is highlighted in yellow.



Photo No.
6

Date:
26 November
2013

Direction Photo Taken:

Description:

Mana Senior Secondary School public notice. Notice location is highlighted in yellow.



Client Name:
Zinoju Coal (Pty)Ltd

Site Location: Dannhauser local area, Dundee, KwaZulu Natal

Project No.
13-727

Photo No.
7

Date:
26 November 2013

Direction Photo Taken:

Description:
Dannhauser local office public notice. Notice was pinned to the communications board inside the office building.



Appendix E4: Background Information Document

Background Information Document : BA, IWULA and EMPR Amendment Process for the proposed Alleen 2 Opencast Extension at Magdalena Colliery



Purpose of this Document

The purpose of this document is to provide all interested and affected parties (I&APs) with information about the Alleen 2 Opencast Extension Project and to introduce and explain the Environmental Basic Assessment (BA) process. This Background Information Document (BID) also aims to provide information about the Integrated Water Use License Application (IWULA) associated with this project and explain the public participation process that is prescribed by the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA). All I&AP's are invited to comment on issues and concerns related to the project.

Project Description

Zinoju Coal (Pty) Ltd proposes the extension of the opencast mining area at the Magdalena Colliery. Magdalena Colliery is an existing coal mine with an approved Environmental Management Programme (EMPR) in accordance with the Minerals Petroleum Resource Development Act (Act 28 of 2002) (MPRDA). However, it is now the intention of Zinoju to extend the site's opencast mining area in order to accommodate the operational life of the company's mining operations at the Magdalena Colliery.

The existing mining area is planned to be extended northwards by a total of 180 ha onto 18 portions of the Farm Alleen 2 No. 4280. The opencast extension area will be 2350m long by 315m wide extending north from the existing open cast pit. Planned mining will include 106 ha of underground mining.

The approved EMPR will be amended to include the opencast extension in compliance with the MPRDA.

Location of the Development

Magdalena Colliery is an existing coal mine located approximately 22km north of the town of Dundee and approximately 325km east-northeast of the City of Durban, in the province of KwaZulu-Natal (GPS Co-ordinates: 27° 56' 55.64"S; 30° 10' 39.28"E). The Colliery is located in the magisterial district of Amajuba and the local municipality of Dannhauser.

The proposed site for the opencast extension at Alleen 2 is previously disturbed, and consists of rural settlements (Anville). Large portions of the land have evidence of misuse in terms of large erosion gullies and overgrazing. Some subsistence farming (maize) and grazing occurs on site. Local access roads are present throughout the site.

It is expected that the proposed opencast mining will intersect with a number of seasonal drainage lines, and that infilling or excavation of soil, sand, pebbles or rock from the drainage lines will be required. Access roads are proposed to be constructed along with the progression of mining on site.

Basic Assessment

Section 24 of the National Environmental Management Act (Act No. 107 of 1998) (NEMA) requires that activities (e.g. construction), which may impact on the environment must obtain an environmental authorization from a relevant authority before commencing with the activities. Such activities are listed under GNR 544 and GNR 545 (Dated 2 August 2010) of NEMA. In terms of the proposed project, the Department of Agriculture and Environmental Affairs (DAEA) is the competent authority for environmental authorization. The listed activities which are triggered by the proposed project are only included under GNR 544 and not under GNR 545, and as such, require an application for an Environmental Authorization in the form of a Basic Assessment (BA) process. The BA activities identified to date include:

Activity 11: *The construction of infrastructure covering 50 square metres or more, where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.*

Activity 18: *The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from a watercourse.*

Activity 22: *The construction of a road, outside urban area, where no reserve exists where the road is wider than 8 metres.*

Need and Desirability

The Magdalena Colliery requires additional opencast mining to ensure the continued operation of the mine and continued employment of mine workers at the Colliery. Employment of this nature is a major source of income to local communities in the region of Dundee and Dannhauser.

Potential Impacts Identified

- Soil Erosion
- Visual Impacts
- Dust Pollution
- Noise Pollution
- Social Impacts
- Economic Impacts
- Watercourse Impacts
- Heritage Resources
- Ecological Impacts
- Land use
- Surface and Groundwater

Specialist Studies

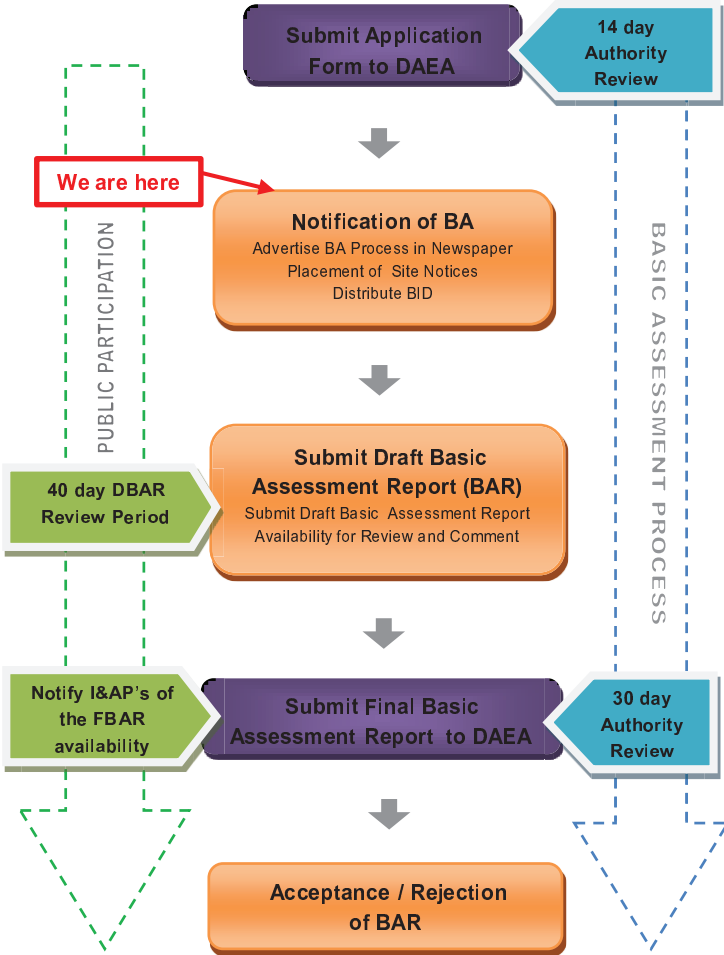
As part of the initial investigations for the site, the following specialist studies will be undertaken:

- Hydrological Study
- Geohydrological Assessment
- Vegetation Assessment
- Heritage Impact Assessment

Integrated Water Use License

The BA process will include the concurrent submission of an Integrated Water Use License Application (IWULA) to the Department of Water Affairs in terms of the National Water Act (Act No 36 of 1998), Section 21 (c) and (i).

BA Process Flow Diagram



EMPR Amendment

This process includes an Amendment to the existing EMPR, to be submitted to the Department of Mineral Resources in terms of the Minerals and Petroleum Resources Development Act (Act No. 28 of 2002) (MPRDA). Public participation will be combined with that of the BA and IWULA.



Public Participation Process (PPP)

The public participation process is an integral part of the BA process, and continues throughout the life of the project. The key objective of public participation during a BA is to identify issues of concern for the community and propose suggestions for enhanced benefits.

I&APs include any person who will be directly or indirectly involved and/or affected by the project. You may wish to register as an I&AP and receive further information regarding the proposed project and be allowed to provide your input into the environmental assessment process. All comments will be recorded and presented to the project team and regulatory authorities. You will receive feedback on how your comments have been taken into account and the outcome of the assessment.

Steps in, and scheduling of, the process are as follows:

STEP 1: Notify I&APs and Identify Issues

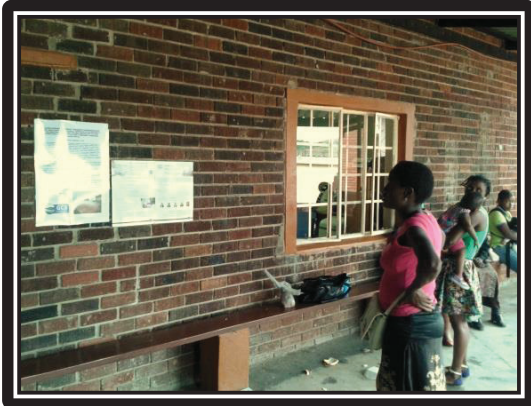
- Identify and notify I&APs of the proposed project.
- Identify any issues / concerns of I&APs.
- Provide I&APs with Background Information Documents (BID) on the Project, including a locality map.
- Request I&APs to register their interests in the project to receive further project information.

STEP 2: I&AP Review of Draft BA Report

- Prepare a Comments and Response Report which includes issues and concern raised by I&APs for inclusion in the Draft BA Report (BAR).
- Notify all registered I&APs on the project database of the release of the Draft BAR for a 40 day comment period.
- Copies of the Draft BAR will be made available for public review and on the GCS website (www.gcs-sa.biz).

STEP 3: Final BA Report

- Include comments received from I&APs during the review process in the compilation of the Final BAR before it is submitted to the DAEA for a decision.
- Notify registered I&APs of the submission of the Final BAR to the DAEA.
- Copies of the Final BAR will be made available for public review and on the GCS website (www.gcs-sa.biz).



Environmental Assessment Practitioner: GCS (PTY) LTD

I&AP's may forward their written comments along with their name, organization, contact details and an indication of any direct business, financial, personal or other interest which they have in the application by post, fax or email to:

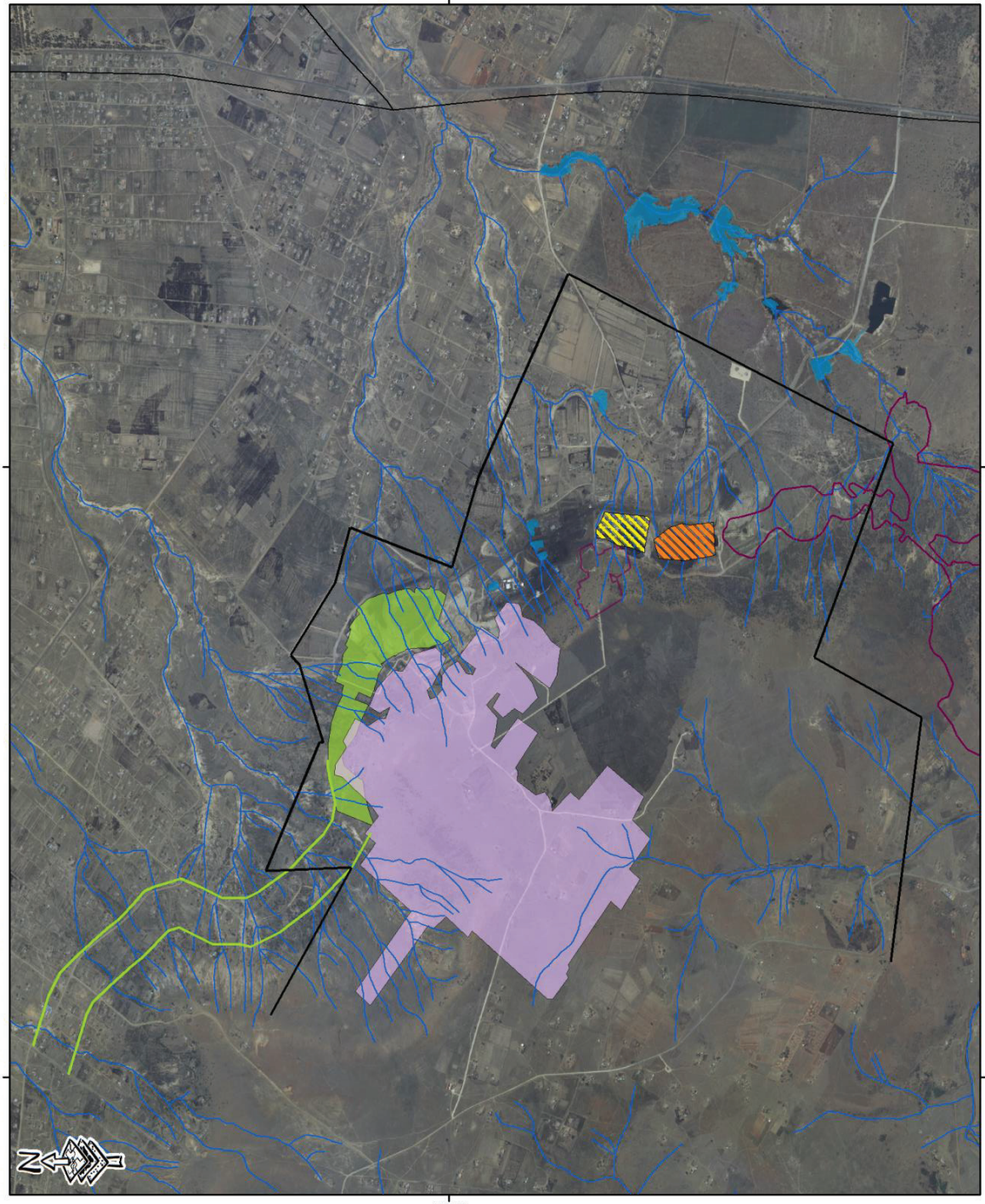
GCS Pty Ltd
 Mrs Kelly Taylor
 Tel: 031 764 7130
 Fax: 031 764 7140
 Email kellyt@gcs-sa.biz

Postal Address:
 PO Box 819
 Gillitts
 3603
 South Africa

Alleen 2 Opencast Extension: Locality Map



MAGDALENA COLLIERY



- Legend**
- Dams
 - Slurry Pond
 - Proposed OC Expansion
 - Mineral Rights Boundary
 - Existing OC workings
 - Discard Dump
 - UG workings**
 - Forbes UG workings
 - Abandoned UG workings
 - Rivers**
 - Non-Perennial River
 - Perennial River

DRAWN BY:	C. PICKERING EARTH SCIENTIST
REVIEWED BY:	P. LABUSCHAGNE DIRECTOR
DATUM:	WGS84
PROJECTION:	GEOGRAPHIC
DATE:	MARCH 2013
CLIENT:	FORBES
PROJECT:	OPENCAST EXPANSION
SCALE:	1:22,682
	0 0.15 0.3 0.6 0.9 1.2 Kilometers

4a Old Main Road
Judges Walk
Kooro, 3610
South Africa
T • +27(31) 764-7130
F • +27(31) 764-7140

S.085.02

Umqulu Oyisendlalelo Solwazi : Ucwangingo Lwezemvelo Oluyisisekelo Ngesicelo Sokunwetshwa kwendawo Yokumba Yasobala eMagdalena Colliery Yenwetshelwa Kwipulazi u-Alleen 2



Inhloso Yalomqulu

Inhloso yalomqulu iwukwazisa bonke abathintekayo (I&APs) mayelana nephrojekthi ehlongozwayo yokunwetshwa kwemisebenzi yasobala yokumba eMagdalena Colliery yenwetshelwa kwipulazi u-Alleen 2 kanye nokwethula kuhlangukanye nokuchaza inqubo yokuhlola kwezemvelo okuyisisekelo (iBasic Assessment) okuyingxene yalephrojekthi. Lomqulu uhlose nokunikeza imininingwane mayelana nesicelo sokusebenzisa amanzi okuhambisana nalephrojekthi kanye nokuchaza inqubo yokuzibandakanya kwabathintekayo kulephrojekthi echazwe kumthetho sisekelo mayelana nezemvelo i-National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA). Ngaphezu kwalokho lomqulu umema bonke abathintekayo ukuba balethe iziphakamiso nezimvo zabo mayelana nalephrojekthi.

Incazelo YePhrojekthi

Abakwa-Zinoju Coal (Pty) Ltd bahlongoza ukunweba indawo yabo yokumba kwasobala emayini yabo iMagdalena Colliery. I-Magdalena Colliery iyimayini yokumba amalahlwe ebele isebenza ngaphansi kwe-EMPR ephasisiwe ngokwe-Minerals Petroleum Resource Development Act (Act 28 of 2002) (MPRDA). Kepha njengamanje abakwa-Zinoju bafisa ukwandisa indawo yabo yokumba kwasobala ukuze bakwazi imisebenzi yabo yokumba iqhubeka lapha emayini iMagdalena.

Indawo yokumba ebele ikhona njengamanje ihlelwe ukunwetshelwa ngasenyakatho nendawo elinganiselwa ku-180 ha ukuya kuzingxenywe ezingu-18 zepulazi u-Alleen 2 No. 4280. Indawo yemisebenzi yokumba kwasobala ihlelwe ukuthi ibe ngamamitha angu- 2350m ubude kanti ukuvuleka kona kuhlelwe ukuthi kube ngu-315m ngasenyakatho yemisebenzi yokumba yasobala ebele iqhubeka njengamanje. Imisebenzi yokumba ehleliwe ihlanganisa no-106 ha wemisebenzi yokumba ngaphansi komhlaba.

I-EMPR ephasisiwe izokwengezelelwa ukuze ifake nalendawo yephrojekthi ehlongozwayo ngokuvumelana ne-MPRDA.

Indawo Yephrojekthi

I-Magdalena Colliery iyimayini yamalahlwe ebele isebenza, futhi itholakala emabangeni alinganiselwa ku-22km enyakatho yedolomba lase-Dundee nasemabangeni alinganiselwa ku-325km empumalanga-yenyakatho mpumalanga yedolomba laseThekwini, esifundazweni sakwaZulu-Natal (GPS Co-ordinates: 27° 56' 55.64"S; 30° 10' 39.28"E). Le mayini itholakala kumasipala womkhandlu Amajuba and kumasipala waseDannhauser.

Indawo yokumba kwasobala ehlongozwayo i-Alleen 2 iyindawo esiye yaphazamiseka kakhulu ngenxa yokuthi isetshenziswa njengendawo yokuhlala futhi maduze nayo kutholakala izindawo zokuhlala zasemapandleni ezinjenge-Anville. Indawo enkulu kulelipulazi ikhombisa ubufakazi bokusetshenziswa kabi kwendawo njengokundliwa kotshani ngokweqile imfuyo yendawo kanye nokukhukhuleka komhlabayi ngesikhathi sezimvula. Imigwaqo igcwele yonke indawo kule ndawo yephrojekthi ehlongozwayo.

Kulindeleke ukuthi imisebenzi yokumba ezoqhubeka lapha endaweni yephrojekthi izophazamisa imisele yamanzi ekulendawo futhi kuzodingeka eminye yalemisele ivalwe ngamatshe nangenhlabathi. Kuhlangozwa nokwakhiwa kwemigwaqo kulendawo ukuze isetshenziswe imisebenzi yokumba kulendawo isiqalile.

Ukuhlolwa Kwemvelo Okuyisisekelo

Ingxenywe 24 ye-National Environmental Management Act (Act No. 107 of 1998) (NEMA) idinga ukuthi imisebenzi (e.g. ukwakha), okungenzeka ibe nemithelela emvelweni kumelwe ithole isigunyazo sezemvelo kumgunyazi ofanele ngaphambi kokuba leyo misebenzi iqale. Imisebenzi enjengaleyo ibalwe ngaphansi GNR 544 and GNR 545 (2 August 2010) ye-NEMA. Ngokwalephrojekthi ehlongozwayo, umgunyazi ofanele owengamenle izigunyazo zezemvelo umnyanwo wezolimo kanye nezemvelo (DAEA). Imisebenzi esohlwini ethintekayo kulephrojekthi ehlongozwayo ibalwe kuphela ngaphansi kuka-GNR 544 hhayi ngaphansi kuka-GNR 545, futhi ngenxa yalokho lesi sicelo sidinga isigunyazo sezemvelo ngokwenqubo yokuhlola okuyisisekelo i-Basic Assessment (BA).

Imisebenzi ye-BA ebaliwe kuze kube manje ihlanganisa:

U-Activity 11, u-18 kanye no-22

Ukudingeka Nokufuneka kweprojekthi

Imayini i-Magdalena Colliery idinga indawo yokumba eyengeziwe ukuze iqinisekise ukuthi imisebenzi yakumba iyaqhubeka futhi ukuze iqinisekise nokuthi imisebenzi yabantu abasebenza kulemayini iyagcineka. Imisebenzi yalolu hlobo iwumthombo wokungenisa imali emakhaya amaningi emphakathini waseDundee nase-Dannhauser ngaleyo ndlelake kubaluleke nakakhulu ukuthi lemayini yenwetshwe ukuze kuqikelelwe ukuthi abasebenzi abaphelelwa imisebenzi yabo.

Imithelelo Elindelekile

- Ukukhukhuleka Komhlabathi
- Izintuli
- Umsindo
- Ukuphazamiseka kwezenhlalakahle nezomnotho
- Imithelelo kumifula namaxhaphozi
- Ukuthinteka kwezindawo ezingamafa
- Ezemvelo

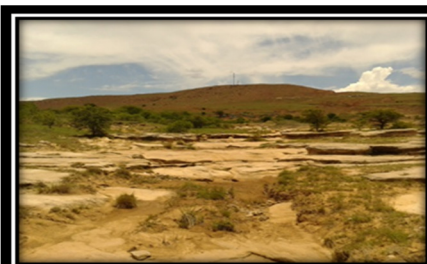
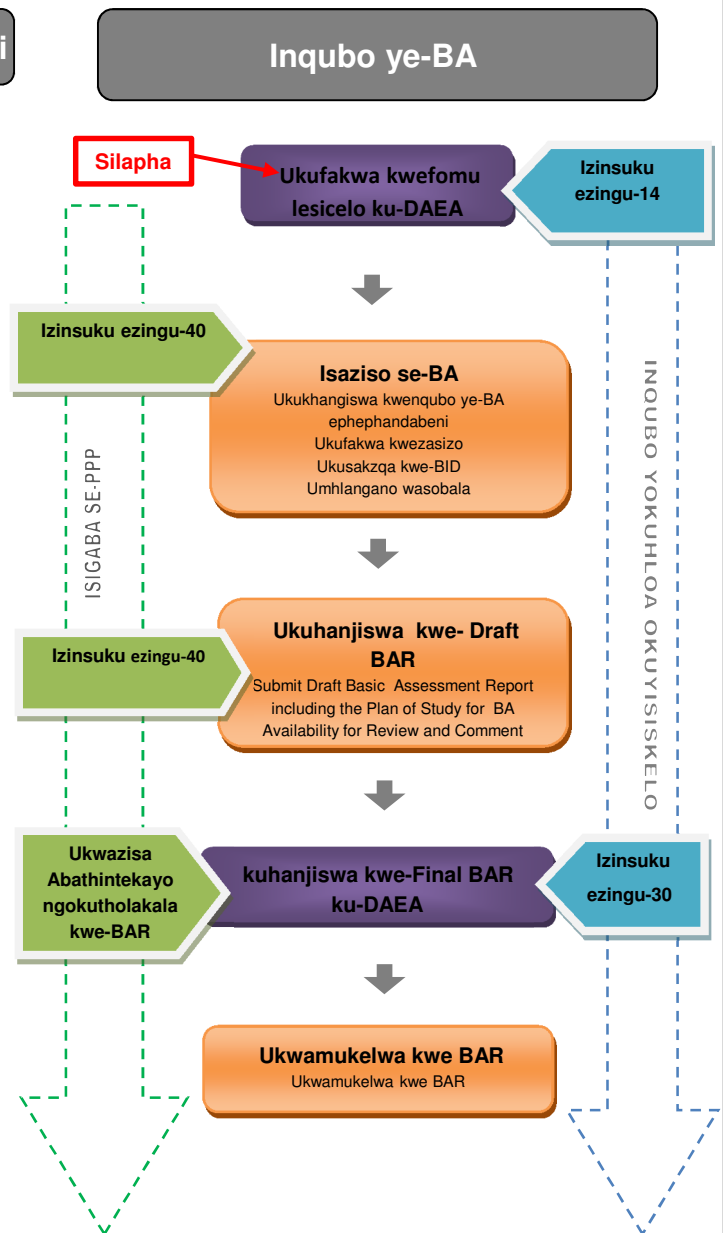
Ucwaningo Lochwepheshe

Njengexenye yophenyo lokuqala lwendawo, lokhu kucwaninga kochwepheshe okulandelayo kuzokwenziwa:

- Ucwaningo lokuthinteka kwamanzi
- Ukuhlola kwemithelelo kuzihlala nezitshalo
- Ukuhlolwa kwamafa.

Isicelo Sokusebenzisa Amanzi

Inqubo ye-BA izohlenganisa nokuhanjiswa kwesicelo sokusebenzisa amanzi esibumbene (IWULA) emnyangweni wezamanzi (DWA) ngokuvumelana ne-NWA (No 36 of 1998), ingxenye 21 (c) kanye no (i).



Ukubamba Iqhaza Kwasobala

Ukubama iqhaza kwabathintekayo kuyingxenye ebalulekile ye-BA futhi kuqhubeka ize iyophela i-BA. Ihloso yalengqubo maphakathi ne-BA iwukusiza abathintekayo ukuthi bakwazi ukubona izinto ezingase zibahluphe bese befaka izikhalazo noma imibono ezobazuzisa. Izinyathelo ezithathayo ekuqhutshweni kwalengqubo ikanjena:

STEP 1: Ukwazisa ama- I&APs kanye nokukhonzwa kwezinkinga

- Ukwazisa ama-I&APs ngesicelo sephrojekthi.
- ukukhonzwa kwezinkinga nezikhalazo zama-I&APs.
- Ukunikeza ama-I&APs umqulu wolwazi oluyisendlalelo (BID) ngephrojekthi, kuhlanganise nebalazwe lendawo yephrojekthi.
- Ukucelwa kwama-I&APs ukuba abhalise iminingwane yawo ukuze athole ukwaziswa ngokuqhubeka kwe-phrojekthi.
- Ukubanjwa komhlangano ukuze kwaziswe kabanzi ama-I&APs mayelana nephroekthi kanye nokuvulwa kwenkundla yokuxoxa ngezinkinga ezilindelekile mayelana nephrojekthi.

STEP 2: Ukuhlolwa kwe-Draft BA Report ngama I&AP

- ukulungiselelwa kombiko weziphakamiso okuhlanganisa izinkinga eziphakanyiswe ama-I&APs ezizofakwa kumbiko we-Draft ye-BA Report (BAR).
- Ukwazisa wonke ama-I&APs abhalisile ohlwini lweprojekthi mayelana nokukhishwa kwe-Draft BAR izinsuku ezingu 40 zokufaka iziphakamiso.
- Ama-khophi e-Draf BAR azotholakalela ukuhlola kwasobala kuyi-GCS website (www.gcs-sa.biz).

STEP 3: IFinal BAR

- Ukufakwa kwemibono eyamukelwe kuma-I&APs ngesikhathi sokuhlolwa nokubhalwa kwe-Final I BAR ngaphambi kokuba ihanjiswa ku-DAEA.
- Ukwazisa ama-I&APs abhalisile mayelana nokuhanjiswa kwe- Final BAR kwabaka-DAEA.
- Ama-khophi e-Final BAR azotholakalela ukuhlola kwasobala kuyi-GCS website (www.gcs-sa.biz).



Umcwaningo Wezemvelo: GCS (PTY) LTD

Bonke abathintekayo (I&AP's) bangadlulisela iziphakamiso zabo ngokuzibhala phansi kanye namagama abo kuhlanganise neminingwane yabo yokuxhumana. Laba bayacelwa ukuba bakhombise ukuthi bathinteka kanjani okungase kuhlanganise ukuthinteka ngebhisinisi, ngezimali, ngokomuntu siqu kanye noma yikuphi okunye. Lokhu bangakwenza ngeposi, ifeksi noma i-imeyli.

GCS Pty Ltd











Ms Futhi Vilakazi
Ucingo: 031 764 7130
Ifekisi: 031 764 7140
Iimeyli: ntombifuthiv@gcs-sa.biz

Ikheli Leposi:

PO Box 819
Gillitts
3603
South Africa



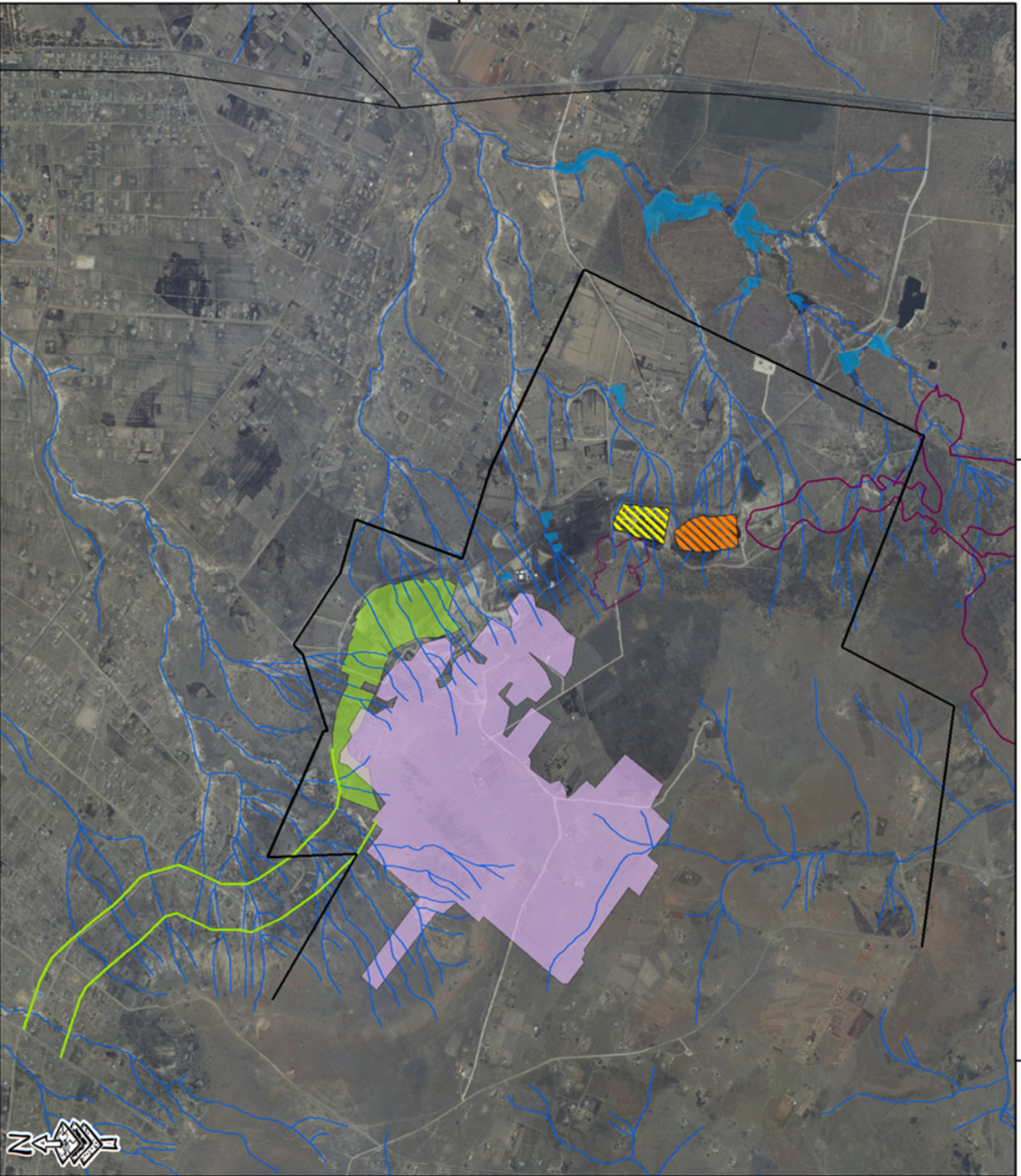
Legend

-  Dams
-  Slurry Pond
-  Proposed OC Expansion
-  Mineral Rights Boundary
-  Existing OC workings
-  Discard Dump
- UG workings**
-  Forbes UG workings
-  Abandoned UG workings
- Rivers**
-  Non-Perennial River
-  Perennial River



DRAWN BY:	C. PICKERING EARTH SCIENTIST
REVIEWED BY:	P. LABUSCHAGNE DIRECTOR
DATUM:	WGS84
PROJECTION:	GEOGRAPHIC
DATE:	MARCH 2013
CLIENT:	FORBES
PROJECT:	OPENCAST EXPANSION
SCALE:	1:22,682
	0 0.15 0.3 0.6 0.9 1.2 Kilometers

4a Old Main Road
Judges Walk
Kloof, 3610
South Africa
T. +27(31) 764-7130
F. +27(31) 764-7140


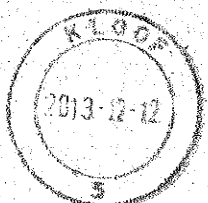
MAGDALENA COLLIERY



Appendix E5: Background Information Document: Proof of BID Delivery

REGISTERED LETTER GEREGISTREERDE BRIEF <i>(with an insurance option/ met 'n versekeringsopsie)</i>				Postage paid R _____ c Service fee / Diensgeld R _____ c Insurance / Versekering R _____ c Total / Totaal R <u>19.60</u> c	
Full tracking and tracing/Volledige volg en spoor		Insured value of contents _____ c Versekering waarde van inhoud R _____ c		Enquiries/Navrae Sharecall number/nummer 0860 111 502 www.postoffice.co.za	
Addressed to/Geadresseer aan <u>Dominic Wieroj</u> <u>Box 13053</u> <u>Cape Town</u> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Post code / Poskode		Initial of accepting officer _____ Date Stamp 		Affix Track and Trace REGISTERED LETTER <i>(with a domestic insurance option)</i> ShareCall 0860 111 502 www.sapo.co.za RD 933 896 046 ZA CUSTOMER COPY 301028R	
<p>The value of the contents of this letter is an indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.</p> <p>Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentere bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.</p>		aaraaf van aanneem-beampte		Datumstempel	

REGISTERED LETTER GEREGISTREERDE BRIEF <i>(with an insurance option/ met 'n versekeringsopsie)</i>				Postage paid R _____ c Service fee / Diensgeld R _____ c Insurance / Versekering R _____ c Total / Totaal R <u>19.60</u> c	
Full tracking and tracing/Volledige volg en spoor		Insured value of contents _____ c Versekering waarde van inhoud R _____ c		Enquiries/Navrae Sharecall number/nummer 0860 111 502 www.postoffice.co.za	
Addressed to/Geadresseer aan <u>Nochule Mthembu</u> <u>P. Bag x 6615</u> <u>Newcastle</u> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Post code / Poskode		Initial of accepting officer _____ Date Stamp 		Affix Track and Trace REGISTERED LETTER <i>(with a domestic insurance option)</i> ShareCall 0860 111 502 www.sapo.co.za RD 933 896 063 ZA CUSTOMER COPY 301028R	
<p>The value of the contents of this letter is an indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.</p> <p>Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentere bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.</p>		aaraaf van aanneem-beampte		Datumstempel	

REGISTERED LETTER GEREGISTREERDE BRIEF <i>(with an insurance option/ met 'n versekeringsopsie)</i>				Postage paid R _____ c Service fee / Diensgeld R _____ c Insurance / Versekering R _____ c Total / Totaal R <u>19.60</u> c	
Full tracking and tracing/Volledige volg en spoor		Insured value of contents _____ c Versekering waarde van inhoud R _____ c		Enquiries/Navrae Sharecall number/nummer 0860 111 502 www.postoffice.co.za	
Addressed to/Geadresseer aan <u>Sprinsrivier</u> <u>88 Field Street, Southern Life</u> <u>Block, Durban 4001</u> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Post code / Poskode		Initial of accepting officer _____ Date Stamp 		Affix Track and Trace REGISTERED LETTER <i>(with a domestic insurance option)</i> ShareCall 0860 111 502 www.sapo.co.za RD 933 896 165 ZA CUSTOMER COPY 301028R	
<p>The value of the contents of this letter is an indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.</p> <p>Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentere bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.</p>		Plak Volg en Spoor Klientafstrik		aaraaf van aanneem-beampte Datumstempel	

REGISTERED LETTER GEREGISTREERDE BRIEF <i>(with an insurance option/ met 'n versekeringsopsie)</i>				Postage paid R _____ c Service fee / Diensgeld R _____ c Insurance / Versekering R _____ c Total / Totaal R <u>19.60</u> c	
Full tracking and tracing/Volledige volg en spoor		Insured value of contents _____ c Versekering waarde van inhoud R _____ c		Enquiries/Navrae Sharecall number/nummer 0860 111 502 www.postoffice.co.za	
Addressed to/Geadresseer aan <u>Mboneni Nene</u> <u>P. Bag x 104</u> <u>Dambriane</u> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Post code / Poskode		Initial of accepting officer _____ Date Stamp 		Affix Track and Trace REGISTERED LETTER <i>(with a domestic insurance option)</i> ShareCall 0860 111 502 www.sapo.co.za RD 933 896 182 ZA CUSTOMER COPY 301028R	
<p>The value of the contents of this letter is an indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.</p> <p>Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentere bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.</p>		aaraaf van aanneem-beampte		Datumstempel	

Map Label	Owner	Title Deed	ID Number	Signature
4280/R	Zwane Cecil	T10563/1984	8105180919085	<i>[Signature]</i>
4280/1	Kumalo Ugodololo B-E	T8943/1944	6206195545089	<i>[Signature]</i>
4280/2	Kubeka Siwangu B-E	T8944/1944	7906195980082	PDKUBHEKA
4280/3	Kumalo Ukapunana B-E	T8945/1944	6202195721086	<i>[Signature]</i>
4280/4/R	Mshali Mpingi	T8528/1962	6701075819084	VICTOR M. Shali
4280/5	Kumalo Unkentshana B-E	T8947/1944		
4280/6	Sibisi Ukisi B-E	T8948/1944	8605151040084	B. Khumalo
4280/7/R	Zwane Dumisani Johan	T1721/1991	8303125332085	<i>[Signature]</i>
4280/8	Zwane Thabani Frans	T9918/2007	4 208195378084	<i>[Signature]</i>
4280/9	Ngubane Upiti B-E	T8951/1944	4205060523082	M. C. Nkomo
4280/10	Mbongo Msutu B-E	T3458/1958	4710060591088	J. F. Nkomo
4280/11	Koza Umtabeni B-E	T8953/1958	8101013730088	A. H. Khumalo
4280/12	Sitebe Lututu B-E	T8954/1944	8006059313087	<i>[Signature]</i>
4280/13	Ndhlovu Mageetsha B-E	T8955/1944	4812250254087	P. P. M. Shali
4280/14	Ndhlovu Uvelepanzi B-E	T8956/1944	8506151546088	<i>[Signature]</i>
4280/25	Koza Umtabeni B-E, Kubheka Siwangu B-E, Kumalo Ugodololo B-E and 12 others	T1318/1945		
4280/26	Kunene Gilbert	T8527/1962		
4280/27	Khumalo Mathew	T1720/1991	6202145663080	M. B. Khumalo
128	Mbatha Maxwell Thulani		0727247670	M. Mbatha
	MABUNZI G ZWANE		0533305287	
	MABUNZI G ZWANE		7212135631087	<i>[Signature]</i>
	NKOSINGIPHIE LUNUD		9110021041080	<i>[Signature]</i>
	SHAMBISO ZWANE		6412045389088	
	SHAMBISO ZWANE		6412045389088	H. I. Zwane
	Velie Shobe		8307101217082	V. Shobe

Appendix E6: List of Interested and Affected Parties

Alleen 2 (13-727): INTERESTED AND AFFECTED PARTIES DATABASE

I&AP TYPE	NAME	ORGANISATION
Assessing Authority	Poovi Moodley	Department of Agriculture & Environmental Affairs - Newcastle
Assessing Authority	Simphiwe Myeza - Assessing Officer	Department of Agriculture & Environmental Affairs - Newcastle
Landowner	Buyisiwe Ptience Khoza	Landowner - Khumalo Stand
Landowner	Dumisani Johan Zwane	Landowner - Zwane Stand
Landowner	Jina Esther Mbongwa	Landowner - Mbongwa Stand
Landowner	Mandlenkosi Elliot Ndlovu	Landowner - Ndlovu Stand
Landowner	Maxwell Bonginkosi Khumalo	Landowner - Khumalo Stand
Landowner	Mr Mtubuzi Zwane	Landowner
Landowner	Ncedile Lineth Mbatha	Landowner - Zwane Stands Portion
Landowner	Nkosazana Katherine Mjinakho	Landowner - Sthebe Stand
Landowner	Nobe Happiness Khoza	Landowner - Khoza Mtabeni
Landowner	Nosipho Thembeke Luvuno	Landowner - Luvuno Stand
Landowner	Phumlani Derick Kubheka	Landowner - Kubheka Stand
Landowner	Picona Rose Mtshali	Landowner - Ndlovu Stand
Landowner	Shadrack Ndukwana	Landowner - Ndimba Stand
Landowner	Sizile Ansera	Landowner - Kapunana Khumalo
Landowner	Thabani Fransi Zwane	Landowner - Zwane Stand
Landowner	Thembisile Princess Sthebe	Landowner - Sthebe Lututu
Landowner	Thosi Cecil Zwane	Landowner - Zwane Stand
Landowner	Vusimuzi Victor Mtshali	Landowner - Mtshali Mdingi
Library	Carol Delange	Danhausser Library
Library	JJ Nkosi	Dundee Library Manager
Local Authority	Mandlakayise Ramsay Nyembe	Ward Councillor - Dannhauser
Local Authority	Mboneni Nene	Dannhauser Local Municipality
Local Authority	Nothile Mthimkhulu	Amajuba District Municipality
Local Authority	PP Biyela	Municipal Manager - Endumeni Municipality
NGO	Chris Galliers	EIA Co-ordinator, WESSA KZN Region
Parastatal	Dinesree Thambu	Ezemvelo KZN Wildlife
Provincial Authority	Eric Ngema	Department of Health
Provincial Authority	Karoon Moodley	Department of Mineral Resources
Provincial Authority	Lwandle Sibango	Department of Water Affairs - Water Quality
Provincial Authority	MC Cebekhulu	Rural Development
Provincial Authority	Peter Woolf / Percy Phillison	Department of Human Settlements
Provincial Authority	Vhutshilo Gelebe	Department of Local Government and Traditional Affairs
Provincial Authority	Weziwe Tshabalala	AMAFA
Public Meeting Attendee	A Myeza	Private
Public Meeting Attendee	AA Myeni	Private
Public Meeting Attendee	AK Mabele	Private
Public Meeting Attendee	Ameja Vilikazi	Private
Public Meeting Attendee	Ayanda Ntabinde	Private
Public Meeting Attendee	B Dlamini	Private
Public Meeting Attendee	B Mazibuko	Private
Public Meeting Attendee	B Mtshali	Private
Public Meeting Attendee	BG Khuzwayo	Private
Public Meeting Attendee	Bheki Ndebele	Private
Public Meeting Attendee	Bheki Sithebe	Private
Public Meeting Attendee	Billy Mlambo	Private
Public Meeting Attendee	BK Mayisela	Private
Public Meeting Attendee	BN Vilakazi	Private
Public Meeting Attendee	Bonagne Ngcobo	Private
Public Meeting Attendee	Bonginkhosi Zwane	Private
Public Meeting Attendee	BP Khumalo	Private
Public Meeting Attendee	Brian Nkosi	Private
Public Meeting Attendee	BV Madela	Private
Public Meeting Attendee	Cebesile Khubeka	Private
Public Meeting Attendee	DJ	Private
Public Meeting Attendee	Dudu	Private
Public Meeting Attendee	Dudzile Ndaba	Private

Public Meeting Attendee	Elsie Nkabinde	Private
Public Meeting Attendee	ET Sikhosane	Private
Public Meeting Attendee	Eunice	Private
Public Meeting Attendee	Excellent Manana	Private
Public Meeting Attendee	Gugu Mthembu	Private
Public Meeting Attendee	Hlanganani Mbatha	Private
Public Meeting Attendee	Hlengiwe Mposula	Private
Public Meeting Attendee	J Bongwa	Private
Public Meeting Attendee	Jabulani Ndlovu	Private
Public Meeting Attendee	Jabulani Nene	Private
Public Meeting Attendee	Judith Mtshali	Private
Public Meeting Attendee	Khanyisile Khanyi	Private
Public Meeting Attendee	Khanyisile Sunrise Mzolo	Private
Public Meeting Attendee	Khanyisile Thabede	Private
Public Meeting Attendee	Khumalo Bongikhosi	Private
Public Meeting Attendee	Khuzwayo Gugulethu	Private
Public Meeting Attendee	Khuzwayo Lethucthu	Private
Public Meeting Attendee	Khuzwayo Ngcobani	Private
Public Meeting Attendee	Londiwe Zwane	Private
Public Meeting Attendee	M Kunene	Private
Public Meeting Attendee	M Mabele	Private
Public Meeting Attendee	M Shongwe Hlophe	Private
Public Meeting Attendee	Magubane Nelly	Private
Public Meeting Attendee	Mandisa Duma	Private
Public Meeting Attendee	Manisha Tsoets	Private
Public Meeting Attendee	Mbali Dlamini	Private
Public Meeting Attendee	Mbatha May	Private
Public Meeting Attendee	Mbayivova Ndlovu	Private
Public Meeting Attendee	Mbongeleni Sthebe	Private
Public Meeting Attendee	Mdu Khuzwayo	Private
Public Meeting Attendee	Mduduzi Dlamini	Private
Public Meeting Attendee	Mduduzi Mntambo	Private
Public Meeting Attendee	MG Zwane	Private
Public Meeting Attendee	Mondi Mthethwa	Private
Public Meeting Attendee	Monica Dlamini	Private
Public Meeting Attendee	MT Tsontesi	Private
Public Meeting Attendee	Mtakwethu Kubheka	Private
Public Meeting Attendee	Musa Mdakane	Private
Public Meeting Attendee	Myeza Sabelo	Private
Public Meeting Attendee	Mzandile Kunene	Private
Public Meeting Attendee	N Ndim	Private
Public Meeting Attendee	N Ndlovu	Private
Public Meeting Attendee	N Nlathe	Private
Public Meeting Attendee	N Ntwanyane	Private
Public Meeting Attendee	Ndumiso Khoza	Private
Public Meeting Attendee	Ndumiso Makhoba	Private
Public Meeting Attendee	Neli	Private
Public Meeting Attendee	Nelly Zwane	Private
Public Meeting Attendee	Nikiwe Mpungose	Private
Public Meeting Attendee	Nkosinati Ndlovu	Private
Public Meeting Attendee	Nkosinati Ndwandwe	Private
Public Meeting Attendee	Nock Mlawuza	Private
Public Meeting Attendee	Nokhuthula Khubeka	Private
Public Meeting Attendee	Nomkhosi Sibiya	Private
Public Meeting Attendee	Nompumelelo Phiyose	Private
Public Meeting Attendee	Nqobani Nkhosi	Private
Public Meeting Attendee	Nsibanyoni Mondli	Private
Public Meeting Attendee	NT Luvuno	Private
Public Meeting Attendee	Ntombi Mseleku	Private
Public Meeting Attendee	Pethile Zulu	Private
Public Meeting Attendee	Phumlani	Private
Public Meeting Attendee	PL Mathenjwa	Private
Public Meeting Attendee	PS Mazibuko	Private

Public Meeting Attendee	PV Mthethwa	Private
Public Meeting Attendee	S Kunene	Private
Public Meeting Attendee	S Mchunu	Private
Public Meeting Attendee	S Ngubane	Private
Public Meeting Attendee	S Nkabinde	Private
Public Meeting Attendee	Sandile Mbuli	Private
Public Meeting Attendee	Sandile Mbuli	Private
Public Meeting Attendee	Sandile Mkhize	Private
Public Meeting Attendee	Sayinile Mathonsi	Private
Public Meeting Attendee	Sbonela Khumalo	Private
Public Meeting Attendee	Sbongile Ndlovu	Private
Public Meeting Attendee	Semisa	Private
Public Meeting Attendee	Sengkhule Mtshingile	Private
Public Meeting Attendee	Sibusiso Mathebula	Private
Public Meeting Attendee	Simon Shabangu	Private
Public Meeting Attendee	Siphosakhe	Private
Public Meeting Attendee	Sizile Ndlovu	Private
Public Meeting Attendee	SJ Buthelezi	Private
Public Meeting Attendee	SJ Msimango	Private
Public Meeting Attendee	SL Mdunge	Private
Public Meeting Attendee	SM Khumalo	Private
Public Meeting Attendee	Sthebe Sithembile	Private
Public Meeting Attendee	T Masonelo	Private
Public Meeting Attendee	T Zwane	Private
Public Meeting Attendee	TD Buthelezi	Private
Public Meeting Attendee	TD Sibiya	Private
Public Meeting Attendee	Thabile Khoza	Private
Public Meeting Attendee	Thabisile Dlamini	Private
Public Meeting Attendee	Thabiso Shabalala	Private
Public Meeting Attendee	Thembi Mazibuko	Private
Public Meeting Attendee	Thembi Mtshali	Private
Public Meeting Attendee	Theresia Magubane	Private
Public Meeting Attendee	Thobani Nxumalo	Private
Public Meeting Attendee	Thobekile Mchunu	Private
Public Meeting Attendee	Toko Nene	Private
Public Meeting Attendee	TP Duma	Private
Public Meeting Attendee	TP Zulu	Private
Public Meeting Attendee	VV Mtshal	Private
Public Meeting Attendee	Wiseman Ngwenya	Private
Public Meeting Attendee	Wiseman Sithebe	Private
Public Meeting Attendee	Xolani Dladla	Private
Public Meeting Attendee	Xolani Mtshali	Private
Public Meeting Attendee	Xolani Nebele	Private
Public Meeting Attendee	Z Ngcobo	Private
Public Meeting Attendee	Zama Ngema	Private
Public Meeting Attendee	ZP Mthembu	Private
Zinoju Coal	Frank Talbot	Zinoju Coal
Zinoju Coal	ND Ntombela	Zinoju Coal
Zinoju Coal	Pat Runderen	Zinoju Coal
Zinoju Coal	S Makena	Zinoju Coal
Zinoju Coal	Shaughn Lake	Zinoju Coal

Appendix E7: Public Meeting Minutes and Register



4a Old Main Road, Judges Walk, Kloof, Kwazulu-Natal, South Africa, 3610
PO Box 819, Gillitts, 3603, South Africa
Tel: +27 (0) 31 764 7130 Fax: +27 (0) 31 764 7140 Web: www.gcs-sa.biz

Our Reference GCS Ref- 13-727

Your Reference Alleen 2 Open Cast Extension

PUBLIC MEETING MINUTES: MAGDALENA COLLIERY ALLEEN 2 OPEN CAST EXTENSION

Subject: Public Meeting for the Proposed Alleen 2 Open Cast Extension at the Magdalena Colliery

Venue: Buhle Be-Alleen Primary School

Date: 21 February 2014

Time: 09:30 -12:00

In Attendance: Refer to attached Attendance Register

Project team:

Zinoju Coal (Pty) Ltd:

- Shaughn Lake (SL)
- Frank Talbot (FT)
- S. Makena (SM)
- Pat Rundgren (PR)
- Debbie Ntombela (DN)
- Mpumi Hlope (MH)

GCS (Pty) Ltd:

- Futhi Vilakazi (FV)
- Kelly Taylor (KT)
- Nhlakanipho Zondi (NZ)

1. Introduction

- Shaughn Lake (SL) opened the meeting by welcoming everyone to the meeting and introduced the project team (Zinoju and GCS).
- SL stated briefly the purpose of the meeting.
- SL then handed over to Futhi Vilakazi (FV) to begin the presentation.

2. Presentation

- FV formally introduced herself and presented the following:
 - The detailed purpose of the meeting.
 - To present the Zinoju Coal Magdalena Colliery Alleen 2 open cast extension proposal and associated Basic Assessment process to the local residents.
 - To gather issues and concerns from the local residents.
 - To respond to comments and/or concerns from the local residents where possible.
 - The proposed project (motivation, importance, extent, legal requirements).

-
- The environmental process (Basic Assessment process and public participation process).
 - The key potential impacts (both positive and negative).
 - FV then opened the meeting to the floor for discussion.

3. Issues arising from the meeting and responses

Table 1: Comments made and responses provided during the public meeting

No.	Person Raising Issue / Comment	Issue Raised	Response
FIRST MEETING SESSION			
1	S. Khumalo	Raised a concern about blasting and vibrations that results in damage to the local residents' houses and would like to know what steps the mine will take as there is damage already and there is likely to be even more damage from the proposed expansion.	KT: Responded by explaining that the impacts on blasting and vibrations have been noted and addressed in the Basic Assessment Report.
2	S. Khumalo	Indicated that he is not satisfied with the given answer because he would like to know what steps the mine is going to take in order to ensure that the local residents are not affected by the impacts of blasting and vibrations.	<p>Frank Talbot (FT): Responded by mentioning that typically those living within a 500m radius from blasting would be affected by vibrations.</p> <p>The blasting and vibrations issue is a very difficult issue to deal with because a lot of factors will have to be taken into consideration (such as the plan and the quality of the house foundation). FT further mentioned that in order to deal with this issue effectively and efficiently, before the mine start mining activities, Zinoju will have to come and assess the situation of the houses within a 500m radius, and should the mine receive complaints from the community during mining activities, the mine will then check the situation of the affected houses after mining and compare it to before mining.</p> <p>Should it happen that investigations indicate that the houses are affected by blasting at Magdalena, Zinoju will consult the affected residents to determine the best compensation.</p>
3	S. Khumalo	Enquired about what will happen to the houses that are already damaged by the current mining activities at Magdalena because obviously the assessments that will be undertaken before mining commence at Alleen 2 will not incorporate the already damaged houses.	FT: Explained that Zinoju will note his concern and will get back to the community and the affected people in the next meeting because blasting and vibrations is a complex issue as he had indicated before.
4	T Zwane	<p>a) Would like to know how the livestock will be affected by the proposed project.</p> <p>b) Would also like how the mine will address the</p>	FV: Explained that it has been already noted in the draft Basic Assessment Report that livestock will be affected by noise, blasting, vibrations, dust and water quality.

No.	Person Raising Issue / Comment	Issue Raised	Response
		impacts on livestock.	FT: The mine will get back to the community about how the impacts to livestock will be addressed.
5	Billy Mlambo	a) What will happen to the pits and voids after the mine has finished operations? b) Are there funds that have been allocated for rehabilitation of the affected area?	FT: The open pits will be rehabilitated as per the environmental management programme (EMPR) that has been prepared as part of the Basic Assessment process. FT: There are funds that have already been allocated for rehabilitation and those are kept by the Department of Mineral Resources (DMR) and can only be accessed upon closure of the site.
6	Thulani Mbatha	a) Raised a concern about the dust impacts during blasting and requested that the mine provide the residents with disposable respiratory masks so they can protect themselves from dust impacts. b) Raised a concern that the mine is not being considerate if it is proposing relocations because the majority of people residing in the area are old people who have already bonded with the area and would like to be buried there. c) What will happen to the mined out land after mining activities have ceased? d) Asked for the copy of the presentation.	a) FT: Generally when blasting is undertaken, dust distribution cannot be controlled, giving the affected households masks might be a useful idea. b) Dust is currently being monitored and is within the required limits; however since dust direction is not easily predicted, the nearby residents might be affected by dust impacts. c) DN: The project is still in the very early stages, but with regards to relocations, the affected families will be contacted and will be compensated based on what type of compensation they would prefer. d) After mining activities have ceased the mined out land will be rehabilitated and will be given back to the original landowners. They can use the land for agricultural farming.
7	Billy Mlambo	Enquired whether the mine is currently recycling any water on site? And if so they would appreciate it if the mine can give that water to the community.	FT: Explained that the water is being recycled on site. However, the mine is not allowed to give the recycled water to the community because it is not within the drinking standards (it can only be used for industrial or mining related activities, such as cooling processes).
8	Thulani Buthelezi	Enquired about how the mine is going to deal with soil erosion impacts.	FT: Explained that the impacts associated with soil erosion have been already noted and addressed in the EMPR.
9	Ntshingila	Raised a complaint that the current mining	FT: Explained that the raised issue is a debatable one because borehole

No.	Person Raising Issue / Comment	Issue Raised	Response
		<p>activities at Magdalena have polluted their borehole water. Further mentioned that before mining activities there was water coming out of their borehole and now mud is coming out instead.</p> <p>Asked if there is any way that the mine can help them to drill another borehole because they now do not have access to water.</p>	<p>water becomes depleted after sometime. This is usually not caused by mining operations in the area but results from natural causes.</p> <p>FT: Indicated that the mine will be happy to make arrangements to help with drilling another borehole.</p>
10	Ndlovu	Complained that the mine has damaged his house and he now does not have a place to stay.	FT: Explained that the mine will have to have a look at the house and Ndlovu will be compensated if the investigation results indicate that the mine is responsible for the damages.
11	Sibonelo	Raised a concern that the blasting and vibration impacts that are beyond the 500m radius and unfortunately the owners of the houses are mainly old people who are also unemployed and do not have means to rectify the damage on their houses.	<p>FT: Explained that this issue has already been noted and that the mine will have to report back to the community as to how this situation will be addressed.</p> <p>Investigations will be undertaken for the affected houses.</p>
12	Mduduzi	Asked how long the mining activities will last at the proposed site.	<p>KT: This will depend on the environmental authorisation process.</p> <p>The sooner the authorisation is granted the sooner the mining operations can commence.</p> <p>FT: Once authorisation have been granted, mining will last for 3 ½ years.</p>
13	Thulani Buthelezi	Asked what will happen to the uBuhle Be-Alleen School during mining.	Mining activities will not intersect with the school, and the land will be mined up to the school property boundary.
14	Sibonelo	<p>a) The local people from Alleen 2 are currently not given opportunities to seek employment at the Magdalena Mine because they do not necessarily stay in the properties where mining operations are currently taking place. Asked what will happen with the proposed operations as they will be based in Alleen 2 specifically.</p> <p>b) Asked what will happen to the people who are</p>	DN: Explained that the method of employment that was implemented at Magdalena was done so by the management of Slater Coal which was the former mineral owner of the Magdalena Mineral Right. That arrangement was made in consultation with DMR. After Zinoju took ownership, they were informed by DMR to equitably hire the community members. A forum was then instituted in order to ensure that community members are given equal opportunities to be hired. Since then Zinoju submits available positions to the community forum and the forum forwards names of the candidates to Zinoju. However, this issue will be addressed in further

No.	Person Raising Issue / Comment	Issue Raised	Response
		currently employed at Magdalena but do not stay at Alleen 2.	detail in the meeting to follow (i.e. community meeting led by DN).
15	Kingdom	Raised a concern about the document that was accessed online (on the GCS website) as part of the Draft Basic Assessment Report, which had contact details of the landowners from Alleen 2 and their comments with regards to the proposed extension. The major concern was that the hand writing on the documents was the same throughout, depicting that someone wrote comments on behalf of the landowners without consulting with them because the written comments are not a true reflection of how most the landowners feel about the proposed development.	<p>Chair-person of the Forum, S. Makena (SM): Indicated that it was his hand writing on the documents and that he had consulted all the landowners whose names are reflected in the document. He further stated that he was writing down the comments of the landowners while they were speaking. He noted that the people raising this concern do not stay permanently in the area and at the time of circulation of this document, they were not available and therefore their names and their comments are not on the document.</p> <p>FT: Indicated that the presented document was only meant for contact details and not comments.</p> <p>DN: Suggested that the information on the document should be declared incorrect and is written off due to the confusion that has arisen.</p> <p>All agreed.</p>
SECOND MEETING SESSION			
16	Vukani Mgenge	Asked what the appropriate distance should be between the mining operations and the nearby communities.	FT: Explained that this would depend on the residents because some of them are not comfortable with relocating if they are located just on the mining area boundary. However, in most cases the distance is 150m.
17	Vukani Mgenge	Raised a concern that 150m is too small and not viable because within that distance residents are still affected by noise, vibrations and dust.	FT: Explained that this concern has already been noted and the mine will engage with the community with regards to the distance between the mining operations and the residential areas.
18	Thobani Madonsela	Asked about the plan for relocations.	FT: Explained that after the mine has obtained environmental authorisation, there will be negotiations between the mine and the affected community members to discuss the relocations, compensations and how they would like the whole process to happen.
19	Mzwakhe Ngwenya	Indicated that even the residents who are located beyond the 150m are affected by blasting and this has resulted in cracking of their houses.	FT: Explained that this concern has been noted a number of times and will be taken into consideration. It should be noted that the blasting and vibrations issue is a difficult one due to other factors that may be involved. However, as mentioned before, the impacts on housing will have to be investigated to determine if blasting and vibrations from the mine are the primary cause for cracking of houses.
20	Sibusiso	Wanted to know what will happen to the grave	FT: Explained that the grave yards will have to be relocated but

No.	Person Raising Issue / Comment	Issue Raised	Response
	Mathebula	yards that are present in the proposed area for development.	negotiations will be undertaken with affected families.
21	Sbusiso Mathebula	Noted that they (i.e. community members) are not sure exactly where the mine proposes to mine, so we not sure if we will be affected.	FT: Explained where the proposed extension area is located using the Layout and Locality Map on the presentation.
22	Vukani Mgaga	Noted that his house is already damaged and is worried that it will be damaged even more now that the mine is getting closer to his house.	FV: We have noted all the issues related to blasting and vibrations and we suggest that you take your complaints to the forum and make arrangements for investigations to be undertaken at your house.
23	Xolani Ndebele	Asked what the mine will do to benefit the community.	FT: Explained that the mine has a Social Labour Plan where initiatives which benefit the community are addressed. Zinoju communicates directly with the community forum with regards to social labour plans.
24	Xolani Ndebele	Asked how the families will be affected by relocation benefits from the mine.	FT: Explained that the mine will undertake discussions with the affected families (and the forum) and reach an agreement as to how they would like to be compensated.
25	Siphesihle Nkosi	a) Asked whether the community is allowed to re-elect the forum, because many of them feel that they are not being informed properly on what is happening on their land. b) Asked what will happen to the land after mining operations have ceased.	FT/FV: Explained that such a decision is up to the community, if the community believe that they are not being properly represented, the community should arrange a meeting with the forum and raise their concerns or propose to re-elect the forum if it needs be. FT: The land will be rehabilitated and given back to the original landowners.
26	Nkosinathi Mathonsi	Noted that the mine deposits residue (slurry) at KwaShange and only the people that reside next to kwaShange have access to the slurry. Can we ask the mine to deposit the slurry at various locations so that we can all have access to that as we use that for making fire?	FT: Indicated that he will make arrangements for the slurry to be deposited at various locations so that everyone who wishes so can have access to the slurry.

The meeting was closed at 12:00pm by the chair person (FV). FV requested that community members send any further concerns through email or post to Zinoju or GCS. FT extended Zinoju's gratitude to the local residents for the effort that they made to attend the meeting and make it successful.

Appendix A: Public Meeting Photographs



Figure 1: Public Meeting - First Session



Figure 2: Public Meeting - First Session



Figure 3: Public Meeting - Second Session



Figure 4: Public Meeting - Second Session

Appendix B: Public Meeting Register

PUBLIC MEETING: ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
T.D. Sibaya		Mrs	0834556558		
A.A. Myeni		Mrs	0823456761		
P.s. Mzibuko		Mr	0827092823		
S.M. Khwado		Mr	071953222		
M.C. Sebela	Rural Development	MR	0829380365		
B.S. Khwages		Mrs	0735620112		
Z.P. Mthembu		Miss	073189884		
B. Mshani		Miss	08263864716		

PUBLIC MEETING: ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



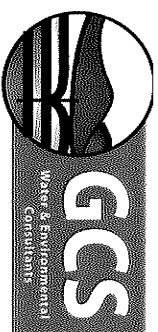
Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
Z. P. Rama		Miss	071 007 8131		
N. Mwanjane		Miss	084 7438 311		
Z.P. Zulu		Miss	072 0962452		
Ak Mabele		Ms	076 4809656		
N. Ndima		Ms	072 5113113		
P. Mkhethana		Miss	0732999238		
N. Ndima		Miss	074 9661933		
B. Mchunu		Miss	078 922 3601		

PUBLIC MEETING: ALLEEN 2 OPENCASST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



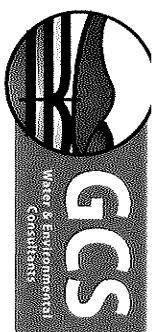
Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
S. KUNENE		M ₃	0715364445		S. KUNENE
T. Masobalo		M ₃ S	073 259 2548		
M. Mabele		M ₃ S	0721689008		M. Mabele
S.J. Buthelez		M ₃	0789058447	1911	S.J. Buthelez
M.T. Isomlensi					M.T. Isomlensi
S.S. Hsimanga		M ₃ S	073 444 1921		S.S. Hsimanga
P.L. MOHLENJWA		M ₃ S	0736722326		P.L.
S. Nkabinde		M ₃ S	07657516		S. Nkabinde

PUBLIC MEETING: ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
M. Kurene		Miss	073 23 75331		<i>M. Kurene</i>
N Ntshane			0761809541		<i>N Ntshane</i>
B. Mzimbuko		MRS	0786515547		
Mkgijima Ndlovu		MR	072 941 05 40		<i>M. Ndlovu</i>
Mycza Sabela		MR	060 6711 669		<i>M. Sabela</i>
MAGUBANE NELIS		MISS	0848606013		<i>M. Magubane</i>
NSIBANSONI MONDLI		MR			<i>M. Nsibanson</i>
SEMMISA P		MR	093 3204701		<i>P. Semisa</i>

PUBLIC MEETING: ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



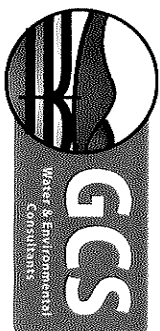
Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
Z Ngcobo		MRR	0710546856		Z. Ng.
A. Meyer		MR	084 268 0921		A. Meyer
S. Nyubane		MR	0820469978		S. Nyubane
Elsie Nkomo					EN
Nelky Nkomo		Mrs	0789869702		Nelky Nkomo
Toko Nene		Mrs	0732454756		T. Nene
Thobekile Mchunu		Miss	0111813368		T. Mchunu
Nkombe Mchunu		Miss	0795734526		Nkombe

PUBLIC MEETING: ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
Billy Mlambo		Mr	073 1999 355	Zanele.Mlambo@yoh.co.za	<i>Billy Mlambo</i>
M. G. ZUANE		MR	0833305287	-	<i>M. G. ZUANE</i>
V. V. Mfshole		MR.			<i>V. V. Mfshole</i>
B. N. VIKKOSI		JR	0825900573	N/A	<i>B. N. VIKKOSI</i>
J I Mlongwa		BP			<i>J I Mlongwa</i>
S. L. Mawenzi		Mrs	0764752004	N/A	<i>S. L. Mawenzi</i>
B. K. NUYISTA		Mr	082 644 8888	bunyista@yoh.co.za	<i>B. K. NUYISTA</i>
B. P. Khumalo		MRS	0784340146	N/A	<i>B. P. Khumalo</i>

PUBLIC MEETING: ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
Judith Mkhayi		MRS	0838761375	N/A	
Amosela Ufakazi		MRS		N/A	
Sponelo Khumalo		MR	0742312504 0742370	Khumalo10562@gmail.com Khumalotesbe@gmail.com	
Londwe Zwane		MRS	0720690048	N/A	L. Zwane
Inahle Mkhota			0793529139	N/A	I. Khota
M. B. Khumalo Bonginkosi		MR	0737801875	N/A	M. B. Khumalo
ONK: RIGIMBY Mdebele		MR	0738127089	N/A	
MBATHA M.T.		MR	0722247670	N/A	

PUBLIC MEETING: ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
Bhambhani		MR	N/A	N/A	
Ostlund		MR	0722509805	N/A	
M. C Mijngkhas				N/A	
T. Zwane					
PR Mkhale					
Evanos					
NELL		Mrs	072 621 5383	N/A	
Siphojakhle		MR	073 2600 452	N/A	

PUBLIC MEETING: ALLEEN 2 OPENCASST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be- Alleen Primary School

Date: 28 February 2014

Time: 09:00am



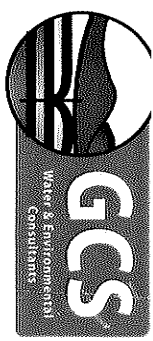
Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
DUBU		Mrs	073970 8823	N/A	
F.A. Buthelezi		Mr	0763273723	N/A	
B.V. Madela		Miss	0797316484		
LET'SHOSANA		Miss,	0736015254	N/A	
NT LUVUNO		MISS	0736500054	N/A	
M.D. NCOMBELO	ZINGU	Mrs	0824652644	debbe.ncombe@hargisland.co.za	
M. Sengose Mafu	Zingus	Mr	0829029831	hlopham@masebiz.co.za	
S. Mav'sing	Zofus	Mr	0826821028	Smaken@foush.com	

PUBLIC MEETING: ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY

Venue: Buhle Be-Alleen Primary School


Date: 28 February 2014

Time: 09:00am



Name and Surname	Company / Organisation	Title	Cell/Tel	E mail / Postal Address	Signature
Frank Tabor	Zimosa / Forest	Mr	083 698828	Frank@fakel.com.za	
SHARU & SHARU LAKE	FERRES CORP	MR	0822249474	Mloke@ferres.com	
PAT RUNDSTEN	FOURBS COM	Mr.	082-6907812	P.pundst@fourbs.com.za	
D.J.		MR	072 693 1778 072 347 78	P.O. BOX 73 DANHAUSER 3080	Quarve
BHEKI STIEBE		MR	0727247670	Box 73, DANHAUSER, 3080	
WISMAN SIMONE		Mr	072 393 7456	Box 73, DANHAUSER, 3080	
Kelly Taylor	ECS	Mrs	078111889	kellyt@gcs-sa.biz	

Songane Nsobo Mr 074 424 170 11 

Tabuni Ndlovu Mr 076 5814251 Danvrouser 

Mangama Mbathu Mr 079 99 17708 Danvrouser ~~1706~~ 1706 Danvrouser Hk Thabede

Kwajisile Twabede Miss 072 9262 149 Danvrouser 1813 Danvrouser

Mauzi Dlamini Mr 073 295 5399 Danvrouser 1717 HDH 5. ~~1717~~

Excellent MAMAND Mr 071 0682 474 Danvrouser

Sengeme Mashingsile Miss 078 6082 762 Danvrouser 3080 A.P. Zulu

Musikuona Tswala Mr 078 5985 228 Danvrouser 1802 Danvrouser 3080

Puettile Zulu Miss 078 104 2291 Danvrouser 1902 Danvrouser 3080

Kovani Dladla Mr 076 2036 182 Danvrouser 1913 Danvrouser 3080

Simon Swabangi Mr 078 965 7824 Danvrouser 1909 Danvrouser 3080

Twabisi Dlamini Miss 072 3391 430 Danvrouser 0621 Danvrouser 3080

Mandile Kunene Mr 083 4893 315 Danvrouser 1909 Danvrouser 3080

Nokuthula Kubeka Miss 079 6836 331 Danvrouser 1909 Danvrouser 3080

Mlongeleni Shube Mr 078 0932 159 Danvrouser 1909 Danvrouser 3080

Makwetha Kubeka Miss 078 0536 468 Danvrouser 1909 Danvrouser 3080

Sandile Mthize Mr 074 7895 530 Danvrouser 1906 Danvrouser 3080

NDawiso Khosa Mr 073 0481 949 Danvrouser 0403 Danvrouser 3080

ABonginkosi Ruene Mr 083 9266 553 Danvrouser 1807 Danvrouser 3080

Musa MDabane Mr 076 0498 239 Danvrouser 1956 Danvrouser 3080

Ntshinathi MDovandwe Mr 084 4667 525 Danvrouser 1705 Danvrouser 3080

Mali Khumayo Mr 078 1103 396 Danvrouser 1909 Danvrouser 3080

Cevisile Kubeka Miss 082 2582 925 Danvrouser 0406 Danvrouser 3080

Twaloiso Shabalala Mr 079 1807 371 Danvrouser 1906 Danvrouser 3080

THEMBI MISHACI Miss 083 9912 330 Danvrouser 0401 Danvrouser 3080

Mkhupuzi Mthambo Mr 079 0660 624 Danvrouser

NAME	TITLE	Cell/Rel	E-MAIL/Work	Signature
Xolani Ntshali	MR	0736109860	N/A	
Xolani Ntshali	MR	0785027094	N/A	
Stebelo Mthembu	CEO	0789120488	N/A	
Thobani Nxumalo	MR	0847807033	N/A	
Mandisa Tsoetsi	MR	0791123102	N/A	
Sabulani Nene	MR	0727845826	N/A	
Brian Nkosi	MR	6134578437	N/A	
Khuzwayo Lethukhulu	MR	0720225433	N/A	
Khuzwayo Guqulthu		0719451871	N/A	
Khuzwayo Mqobo		0735600112	N/A	
Mudlisa Duma	MR	0835825598	N/A	
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Doreco Khumalo	MR	0839920380	N/A	
TERESIA MABUSANE	MS	0749567011	N/A	
Ndimiso Maphobane	MR	0604120527	N/A	
NOMKHOSI SISIYA	MS	0324610935	N/A	
Mbecki Dlamini	MS	0837641965	13/16 860	
Masice Dlamini	Mrs.			

Sqyine matronsi | title call | FOOTHERA | Signature

Khoo'inath: Ndlovu. 0793512529. 12 mbae

Mompmelcio PHITOSE MISS 0764787046 PO BOX 73 DANMHAUSE

Khantisi khantisi MISS 0753418666 P.O BOX 73 DANMHAUSE K.P. Khami

Alengwe Mpusuq MISS 0764695895 DANMHAUSE 3550 Umpozulu

Theubi Mxabutho MRS 0827092825 DANMHAUSE 3550

APMIPA Nqoboko MR - - DANMHAUSE 3080

BONGANE Nqoboko MISS 0810854946 DANMHAUSE 3080

Khanyisile Senrise Mzolo MISS 0848293636 P.O. Box 73 DANMHAUSE

Nikwe Mlungose MISS DANMHAUSE 3080

Sizile Ndlovu MRS 0767269074 DANMHAUSE

Skaungile Ndlovu MRS 0767269074 DANMHAUSE

Gugu Mthembu MR 0788374068 DANMHAUSE

Sociale Mbuli MR 0828615206 DANMHAUSE

B. Zomo NgeMa MRS 0715626649 DANMHAUSE

ZOMO SILEMBOLE MISS 0791227348 DANMHAUSE

Duduzile NDABA MISS 0718493784 DANMHAUSE

MRobani Nhlasi MR 0714565674 DANMHAUSE

Samba Mbuli MR 0834841342 DANMHAUSE

Mandli Mthethu MR 0734069512 DANMHAUSE

Nock Mkhawiza MR 0730329104 DANMHAUSE

~~Mkhawiza Mthethu MR 0765816051 DANMHAUSE~~

Appendix E8: Copies of Comments Received



Planning Division: IEM Section

Enquiries: Dinesree Thambu/ Musawenkosi Mkhize

Ref: DC25/0018/2013

DAEA- North Region
P.O. Box 170
Newcastle
2940

11 April 2014

Attentions: W. Mngoma

Dear Dr. Mngoma

**PROPOSED EXTENSION OF OPEN CAST MINING AT THE MAGDALENA IN DANNHAUSER.
District Municipality: Amajuba**

The abovementioned application has been reviewed by the Ezemvelo KZN Wildlife (Ezemvelo) IEM Planning Staff. Based on the information supplied and the interrogation of our databases, provided that the recorded outlined below are adhered to any potential negative impacts upon local biodiversity.

Should a license for the proposed application be granted, it is recommended that the following be included into the conditions of the permit:

1. No access is allowed to ecologically sensitive areas, including *inter alia*:
 - a. The 1:100 year flood line including a further ecological buffer zone of 20m;
 - b. Wetlands, springs and pans, and their 200m ecological buffer (the outer edge of the hydromorphic zone must be delineated by a suitably qualified specialist);
 - c. Streams, rivers and dams, and their 100m ecological buffer (the outer edge of the hydromorphic zone must be delineated by a suitably qualified specialist);
 - d. Rocky outcrops and ridges;
 - e. Sensitive areas identified by Ezemvelo, or any other suitably qualified specialist; and

P O Box 13053, Cascades, 3202 • 1 Peter Brown Drive, Montrose, 3202 • Tel : +27 33 845 1346 Fax : +27 33 845 1499
www.kznwildlife.com

Ezemvelo KZN Wildlife Official Comment	DC25/0018/2013	Proposed Extension of Open Cast Mining at the Magdalena in Dannhauser	Page 1 of 2
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- f. Known breeding, roosting and foraging sites of species of conservation significance¹ and their required buffer zones (as identified by a suitably qualified specialist).
- 2. Existing access routes should be used as far as possible. New access routes should avoid all sensitive areas and their ecological buffers (see point 1 above);
- 3. A Stormwater Management Plan (SMP) is produced for this development to ensure that post-development stormwater runoff approximates pre-development conditions in terms of water quality, intensity of release and spatial distribution of release points; and
- 4. Permits for the removal of protected plant species must be obtained from Ezemvelo's Permits Office.

Should any biodiversity issues arise or should you require any clarity on the points raised above, please do not hesitate to contact our offices.

Yours sincerely



pp.
 Coordinator IEM
 For CEO: EZEMVELO KZN WILDLIFE
 C:\MUSA\Mining\Coal\9084_DC2500182013_OfficialComment_110414
 Cc:Kelly_Taylor (GCS Consultants)_Zama Mbanjwa(Administrative Assistant)

¹ Red Data listed, Endemic and specially protected species

Ezemvelo KZN Wildlife Official Comment	DC25/0018/2013	Proposed Extension of Open Cast Mining at the Magdalena in Dannhauser	Page 2 of 2
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Newcastle
2940

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B9356 Amajuba
Building, Section 1
Madadeni

Email:

info@amajuba.gov.za

Web page:

www.amajuba.gov.za

Enquiries: Ms Nkaheleng Motaung
nmotaung@environment.gov.za

2014/06/04

GCS (Pty) Ltd

P O Box 819

Gillitts

3603

Attention: Kelly Taylor

RE: COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED ALLEEN 2 OPENCAST EXTENSION, MAGDALENA COLLIERY.

1. The abovementioned report submitted to Amajuba District Municipality in support of the application for the extension of the Alleen opencast with the reference number: DC 25/0018/2013 (KZN/EIA/0001359/2013) is referred to.
2. There is a potential for dust generation from open cast mining activities on site as well as emissions from transport and mining vehicles. In terms of the Draft National Dust Control Regulations 2012, the dust fall rate at the boundary or beyond the boundary of the premises where the dust originates should not exceed 600mg.m²/day measured using ASTM D1739 for residential area and should be less than 1200mg/m²/day averaging over 30days for non-residential and light commercial areas. It is therefore required that a detailed dust monitoring plan be prepared and submitted to this office.

3. Any form of waste material including rubble resulting from demolishing of buildings and other solid infrastructure generated during construction must be disposed of at a facility registered in terms of section 20(b) of the National Environmental Management: Waste Act (Act No. 59 of 2008), if it cannot be responsibly re-used on site or offsite. No waste material may be buried or burned on site.
4. On the proposed expansion there are five heritage sites situated more than 70m from the proposed mining band, these sites include two later Iron Age Sites & three Grave sites. However, a buffer of 15m must be maintained around the gravesites and 50m around the Iron Age site as stipulated in section 2 of the National Heritage Resources Act, 1999.
5. There must be no impact on the quality of both surface and groundwater in the area. If pollution of any surface or groundwater occurs, it must be immediately reported to the Department of Water Affairs and the appropriate mitigation measures must be implemented.
6. Blasting at the open cast section must bear in mind breeding and nesting sites in close proximity in area. Animal life must be left unharmed and must not be disturbed by mining activities or any other associated activities.

Please do not hesitate to contact this office for clarification.

Yours faithfully



Celani Myeza

Director: Planning and Development Services



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

P.O. Box 1018, Durban, 4000. 88 Joe Slovo Street, Southern Life Building, Durban, 4001
Tel: (031) 336 2700, Fax: (031) 305 9915, www.dwa.gov.za

KZN Dept of Environmental Affairs and Rural Development
P.O. Box 170
Newcastle
2940

Enq: Lwandle Sibango
Ref No: 16/2/7/V301/K
Your Ref : DC25/0018/2013
Tel: 031 336 2700
Fax: 031 305 9915
email: sibangol@dwa.gov.za

ATTENTION: Ms Simphiwe Myeza

Dear Madam

PROPOSED ALLEEN 2 OPEN CAST EXTENSION, MAGDALENA COLLIERY IN THE DANNHAUSER LOCAL MUNICIPALITY WITHIN THE AMAJUBA DISTRICT.

Reference is made to the Final Basic Assessment Report (FBAR), with reference (DC 25/0018/2013), dated 06 May 2014 and received by the Department of Water Affairs (Department). This Department has the following comments:

A. SPECIFIC COMMENTS

1. Page v of the executive summary makes mention of an application for the extension of a discard dump on site which is said to be underway. This office would be pleased to get a copy of that application for review and comments.

2. Page ix of the Executive summary and the Desktop Ecological Assessment conducted by GCS (2013) which is included as Appendix D concluded that:-

2.1. Nine degraded and incised first-order watercourses occur within the proposed mining footprint;

Despite the report indicating that these are first-order watercourses it should be noted that this office has a mandate to protect all watercourses as stated in Chapter 1 of the National Water Act, Act 36 of 1998, irrespective of their order and/or size. It should further be noted that first-order stream flow into and feed larger streams, are commonly headwater streams and constitute waterways in the upper reaches of the watershed. Therefore the protection of this level of watercourses is vital for the existence of larger ones.

- 2.2. The study area occurs within a sub-quaternary catchment classified as a Fish Support Area by National Freshwater Ecosystems Priority Area (NFEPA). Furthermore, Page 13 of the Desktop Ecological Assessment report confirms that the sub-catchment within which the site falls is a Fish Support Area (FSA). Despite the fact that the report indicates that the area is not a fish sanctuary, this office regards FSA as important for the migration of threatened or near-Threatened fish species. In this regard, this office would like to know what strategies will be in place to mitigate the impacts to this important migratory corridor.
3. Page xv of the Executive summary states that “An Integrated Water Use Licence Application (IWULA) must be submitted to the Department of Water Affairs (DWA) for in terms of watercourse and wetland crossings (Section 21 c and i). The IWULA Amendment requirements will be incorporated into the IWULA amendment application currently in progress for the extension of the discard dump.”
- 3.1. This office notes that statement with appreciation, in particular, the subsequent statement that the relevant approvals must be in place prior to the commencement of any site clearing or construction activities.
- 3.2. Similarly to point 1 this office would be pleased to get a copy of this (IWULA) application for review.
4. Page 52 of the BAR lists ‘water abstraction’ as one of the activities likely to have an impact on the lives of the communities. This office would like to know the meaning of the term abstraction as well as the water resource to be used for this purpose. In the event that water abstraction will occur then this should be included in the IWULA.
5. Page 53:Groundwater Contamination and flow reduction states that pit dewatering will continue during the operational phase which will create a cone of depression...This office regards dewatering of a pit as a water use in terms of Section 21(j) of the National Water Act, Act 36 of 1998 and thus hopes that it is included as such in the IWULA mentioned above.
6. Page 54 of the FBAR indicates that “it is evident that the proposed open cast extension will reduce peak flows and volumes in the catchment. Page 82 of the FBAR : Section F : Recommendations of EAP recommends that “the Water Balance be updated and that the measures recommended in the signed Stormwater Management Plan (SWMP) be adhered to and that detailed SWMP designs are

signed off by a registered engineer". This office appreciates such a move but would like to know as to when this recommendation will be implemented.

7. Page 12 of the Desktop Ecological Assessment report states that there are two wetlands located closer to the site, but are not actually located along the Poonaspruit and Bloubanspruit whereas page 11 of the same report states that "no wetland areas appear to be present on or immediately downstream and/or adjacent to the project site". The presence of wetlands is also confirmed in Page 33 of this report which states that " there are also important wetlands (EGSAs) to the east of the site associated with the floodplain wetland located at the confluence of the Bloubanspruit and the Buffels River". This office would like to :

- 7.1. get clarity with regards to this contradiction.

- 7.2. be supplied with the exact distance between the proposed development and delineated boundaries (edges) of these wetlands .

8. Page 39 of the Desktop Ecological Assessment report : Recommended Mitigation Measures recommends that " the most western watercourse within the property and mining footprint should be excluded from the mining footprint and afforded a 30m buffer. This section further recommends that "whenever possible, mining should be excluded from the watercourse and a small buffer through the breaking up of the open cast extension into segments separated by the watercourses".

- 8.1. This office would like to know the rationale for using 30m as a buffer for the watercourse(s)

- 8.2. This office would also like to know the meaning of the "small buffer" as indicated in the report;

- 8.3. This office would further appreciate a representation (in a map) of the proposed development area, with all watercourses on site as well as an overlay of the proposed buffer areas.

- 8.4. The applicant is reminded that in terms of the National Water Act, Act 36 of 1998, a distance of 100m from a water course or a 1:100 floodline (whichever is greatest) is regarded as a regulated area and that no activities should occur within that area.

9. (i)A majority of figures such as Figure 7 : Desktop vegetation communities; Figure 6 -1 : Magdalena Catchments; Figure 9-3 : Conceptual stormwater management indicate that the proposed development will bisect drainage lines and/or streams occurring within this sub-catchment which also serve as head waters of the

Poonaspruit and Bloubankspruit .

(ii) Page 27 of the Hydrological Assessment also states that " the mining activity and the catchments of streams are likely to be impacted by proposed mining, it is immediately apparent that a large number of watercourses cross the proposed opencast mining area. ... the entire site must be considered to fall within protected riparian zones.


(iii) Page 24 of the Hydrological Assessment states that " ...the most significant challenge in terms of Storm Water Management Planning will be to contain runoff from areas upstream of the proposed works and divert this clean water past the proposed mining activities. Page 27 of the Hydrological Assessment also states that in some instance it may be possible to design and construct cut-off drains and divert the 1:50 year flood expected from the catchments past the opencast areas. The northern drain will need to divert flows of up to 24m/s and will most likely need a grassed waterway that is 25m wide. An additional complication is that the local soils appear to be highly dispersive and prone to erosion.

9.1. From the above statements it appears that the proposed mining activities will significantly alter the water resources' characteristics as this operation will involve bisecting and diversion of the affected watercourses. This office regards 'bisecting and diversion of watercourse(s) as a fatal flaw and therefore does not support any development involving diversion, re-routing or bisecting watercourses.

Therefore the **Department of Water Affairs does not support** the extension of Alleen 2 Open Cast as per the existing plan.

The Department wishes to make clear that the instructions contained in this letter are made in the interest of responsible water resource management.

Yours faithfully

 10 JUNE 2014
MAKWABASA N (ENVIRONMENTAL OFFICER CONTROL)

On behalf of

REGIONAL DIRECTOR: KWAZULU-NATAL

LLLS/llls

12063



edra

Department :
Economic Development, Tourism and
Environmental Affairs

PROVINCE OF KWAZULU-NATAL

Enquiries :
Imibuzo : P. Moodley
Navrae :

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Ucingo : 034 3153936
Telefoon:

P. o. Box : 170
sikhwama Seposi : Newcastle
Privaat Sak : 2940

Reference:
Inkomba : DC25/0018/2013
Verwysing:

Fax :
Feksi : 034 3129986
Faks :

Date :
Usuku : 14 JULY 2014
Datum :

GCS Water and Environmental Consultants
P. O. Box 819
Gillits
3603

Attention: Kelly Taylor
Facsimile: 031 764 7140

Dear Madam

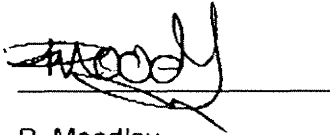
RE: DC25/0018/2013: Proposed Aleen 2 Open Cast Extension, Magdalena Colliery in Dannhauser.

- 1 The Final Basic Assessment Report as submitted in terms of the requirements of the Environmental Impact Assessment Regulations, 2010, and dated 06 May 2014 refers.
2. The report received has been reviewed and is rejected by Department of Economic Development, Tourism and Environmental Affairs (hereinafter referred to as "this Department") for the following reasons:
 - a. The comments/objection from the Department of Water Affairs dated 10 June 2014 needs to be addressed.
 - b. The rationale for following a Basic Assessment process is not clear. The vacant, undeveloped or derelict area to be disturbed is to be calculated and indicated in the report. The activity related to the transformation of land is not included in the report.
 - c. A rehabilitation plan is not included in the report.
 - d. The impact to livestock during blasting and mitigation measures needs to be assessed and included in the report.
 - e. A layout map indicating existing and proposed expansion with superimposed buffers should be included.
 - f. A relocation plan for the affected houses is not included in the report.

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3. The report may be amended and resubmitted to this Department for consideration, or the additional information submitted in terms of regulation 24 (2) (a) of the Environmental Impact Assessment Regulations, 2010.
4. Comments, with regard to the amendments/additional information, from the Department of Water Affairs and EKZN Wildlife must be obtained and submitted to this Department
5. Please contact this Department if you have any queries regarding this correspondence.

Yours faithfully



P. Moodley
Environmental Impact Assessment Amajuba District
Economic Development, Tourism & Environmental Affairs

Cc Zinoju