

**Appendix E.7 - Minutes of Public Meetings**

**BLACK MOUNTAIN MINING (PTY) LTD**  
**NOTES OF STAKEHOLDER INFORMATION MEETING**

<b>DATE:</b>	2 December 2019 at 16:00
<b>VENUE:</b>	Aggeneys North Recreation Club, Aggeneys
<b>PROJECT:</b>	Gamsberg Smelter and Bulk Water Pipeline Project
<b>SLR COMPANY:</b>	South Africa
<b>PROJECT NUMBER:</b>	720.22013.00002
<b>PURPOSE:</b>	Information sharing for Smelter: Scoping and Environmental Impact Assessment and Bulk Water Pipeline: Basic Assessment process
<b>ATTENDANCE:</b>	An attendance register is presented in Appendix 1.

**1. OPENING AND INTRODUCTION**

Kate Hamilton (KH) of SLR Consulting (South Africa) (Pty) Ltd opened the meeting and welcomed attendees. The Black Mountain Mining (Pty) Ltd (BMM) team and the SLR team introduced themselves to the meeting attendees. An attendance register was signed by attendees and is included in Appendix 1.

**2. APOLOGIES**

No apologies were made.

**3. PRESENTATIONS**

Mr Pieter Venter (PV) Environmental Manager for BMM presented the background to BMM and the proposed Gamsberg Smelter Project. The presentation included an overview of the Gamsberg Zinc Mine; the project alternatives identified and related technical information for the proposed Gamsberg Smelter Project.

Mr Arno Engelbrecht (AE), Project Lead - Gamsberg Infrastructure, presented the proposed Bulk Water Pipeline Project. The presentation included an overview of the existing pipeline servitude and related technical information for the proposed Bulk Water Pipeline project.

KH gave a presentation on the Scoping and Environmental Impact Assessment (S&EIA) process and the Basic Assessment (BA) process for the proposed Gamsberg Smelter and the Bulk Water Pipeline Projects. The presentation included an overview of the legal framework regulating the Smelter S&EIA application and Water Use Licence Application (WULA) and an overview of the legal framework regulating the Bulk Water Pipeline BA and WULA process, including the specialist investigations and public participation process for each.

A copy of the presentation is attached in Appendix 2.

#### **4. DISCUSSION**

Comments raised during the meeting have been recorded and are included in Table 1 below. Where a response was provided the response has been included. Where comments/ queries were not able to be responded to in the meeting, this has been indicated in Table 1 and responses will be provided in the Comments and Responses (CRR) section of the Draft Scoping Report that will be distributed for public comment.

#### **5. THE WAY FORWARD**

KH highlighted the following:

- Submit application form (January / February 2020)
- Commenting authority and public review of Scoping Report (30 days, January/ February 2020)
- Commenting authority and public review of BA (30 days, March/ April 2020)
- Commenting authority and public review of S&EIA (30 days, June - July 2020)

#### **6. CLOSE**

KH thanked everyone for their attendance and interest in the Gamsberg Smelter and the Bulk Water Pipeline Projects and the meeting was adjourned.

**TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES**

#	Issue raised	By whom	Response
<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>			
1	Why does the smelter not have a fixed location?	C. Olivier	KH: As part of the scoping process we are required to assess alternative sites, each having their own unique impacts. In this manner sites with higher potential impacts can be screened out.
2	The smelter placement is not relevant to the secured landfill site?	C. Olivier	KH: The closer the secured landfill facility is to the smelter. the better as this minimises the distance that the Jarosite/ Jarofix needs to be transported and the potential impacts associated with the transportation of the waste product.
3	In my experience the 107 days for DENC to respond is often exceeded.	Mr Myburg	KH: Thanks for the comment, we will keep that in mind.
4	How will you ship product?	J. du Plessis	PV: As part of the feasibility study both road and rail transport are being considered. Once the pre-feasibility phase has been completed the final method of transportation will be finalised.



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**APPENDIX 1: ATTENDANCE REGISTER**

Project: Ganghers

SLR Ref: 720.22013.00002

Date: 2 December

Meeting: Agencies



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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Project: Gamsberg

SLR Ref : 720.22013.00002

Date: 2 December

Meeting: Aggengers



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Project: Ganghers  
 SLR Ref: 720.22013.00002  
 Date: 2 December  
 Meeting: Agenda's



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Project: Camgbers  
 SLR Ref : 720.22013.00002  
 Date: 2 December  
 Meeting: Agencies



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Project: Cambers

SLR Ref: 720.22013.00002

Date: 2 December

Meeting: Agendas



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Project: Gamaher's

SLR Ref : 720.22013.00002

Date: 2 December

Meeting: Agreements



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Project: Camshers

SLR Ref : 720.22013.00002

Date: 2 December

Meeting: Agendas



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**BLACK MOUNTAIN MINING (PTY) LTD  
NOTES OF STAKEHOLDER INFORMATION MEETING**

DATE:	3 December 2019 at 10:00
VENUE:	Pella Community Hall, Pella
PROJECT:	Gamsberg Smelter and Bulk Water Pipeline Project
SLR COMPANY:	South Africa
PROJECT NUMBER:	720.22013.00002
PURPOSE:	Information sharing for Smelter: Scoping and Environmental Impact Assessment and Bulk Water Pipeline: Basic Assessment process
ATTENDANCE:	An attendance register is included in Appendix 1.

**1. OPENING AND INTRODUCTION**

Marline Medallie (MM) of SLR Consulting (South Africa) (Pty) Ltd opened the meeting and welcomed attendees. The Black Mountain Mining (Pty) Ltd (BMM) team and the SLR team introduced themselves to the meeting attendees. An attendance register was signed by attendees and is included in Appendix 1.

**2. APOLOGIES**

No apologies were made.

**3. PRESENTATIONS**

Mr Pieter Venter (PV) Environmental Manager for BMM presented the background to BMM and the proposed Gamsberg Smelter Project. The presentation included an overview of the Gamsberg Zinc Mine; the project alternatives identified and related technical information for the proposed Gamsberg Smelter Project.

Mr Arno Engelbrecht (AE), Project Lead - Gamsberg Infrastructure, presented the proposed Bulk Water Pipeline project. The presentation included an overview of the existing pipeline servitude and related technical information for the proposed Bulk Water Pipeline project.

MM gave a presentation on the Scoping and Environmental Impact Assessment (S&EIA) process and the Basic Assessment (BA) process for the proposed Gamsberg Smelter and the Bulk Water Pipeline Projects. The presentation included an overview of the legal framework regulating the Smelter S&EIA application and Water Use Licence Application (WULA) and an overview of the legal framework regulating the Bulk Water Pipeline BA and WULA process, including the specialist investigations and public participation process for each.

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#### **4. DISCUSSION**

Comments raised during the meeting have been recorded and are included in Table 1 below. Where a response was provided the response has been included. Where comments/ queries were not able to be responded to in the meeting, this has been indicated in Table 1 and responses will be provided in the Comments and Responses (CRR) section of the Draft Scoping Report that will be distributed for public comment.

#### **5. THE WAY FORWARD**

MM highlighted the following:

- Submit application form (January / February 2020)
- Commenting authority and public review of Scoping Report (30 days, January/ February 2020)
- Commenting authority and public review of BA (30 days, March/ April 2020)
- Commenting authority and public review of S&EIA (30 days, June - July 2020)

#### **6. CLOSE**

MM thanked everyone for their attendance and interest in the Gamsberg Smelter and the Bulk Water Pipeline Projects and the meeting was adjourned.

TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN

#	Issue raised	By whom	Response
Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.			
1	How regularly does the pipeline get maintained and who maintains the pipeline?	E. Fredericks	AE: Sedibeng water has a contract with BMM to do the maintenance. They drive and inspect the line once a week and conduct maintenance as required.
2	If it was not for this project requiring water, would the pipeline still be upgraded?	L. Hugo	AE: If the project does not go ahead, BMM would not be able to upgrade the pipeline.
3	Are the smelter and pipeline already approved? How will this project benefit us? Water in Pella is expensive, and every second day Pella does not have water. The water quality is also questionable. The community must benefit from this project and not be disadvantaged. How will the mine help? What role will Sedibeng play to help benefit people?	P. van Heerden	Christo Witbooi (CW): BMM will meet with Sedibeng Water to discuss maintenance concerns. BMM has made provision in the Social and Labour Plan (SLP) for water provision for farmers which will be implemented over the next five years. Ultimately, however, the provision and handling of water is the responsibility of Sedibeng Water. BMM can meet with Sedibeng Water and mention the expectations of the community.  Satish Kumar (SK): The project has not been approved. Feasibility studies are currently being undertaken to assess the potential for the Gamsberg Smelter and Bulk Water Pipeline Projects as well as to obtain funding for the projects.
4	As BMM is funding the construction of the pipeline, the Khai-Ma Council is asking for BMM's assistance getting old debt with Sedibeng Water written off as well as to ensure that the cost of water	P. van Heerden	CW: BMM can commit to supporting the Khai-Ma Council in this regard provided this is in compliance with local legislation.

#	Issue raised	By whom	Response
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	<p>does not increase excessively as community members cannot keep up with the water increases.</p>		
5	<p>What will the health impact be from the smelter on the communities and the environment?</p>	<p>Unidentified I&amp;AP</p>	<p>MM: The smelter design will ensure air emissions meet the required standards. There will also be continuous monitoring undertaken to ensure the Gamsberg Smelter Project does not exceed the required standards. Air quality modelling is being undertaken as part of the EIA process to understand potential air quality impacts. The impacts identified will be assessed and commitments included in the Environmental Management Programme (EMPr), which will be available for review when the EIA gets distributed for public review.</p>
6	<p>What is the responsibility of the mine towards the provision of water for the Pella community? How much water will the smelter use? We are not in opposition to the development, but there must be a social responsibility for the mine.</p>	<p>James – Khai-Ma Development &amp; Justice NPO.</p>	<p>CW: A while ago we made provision for the next five years for projects to be done by the mine within the community. Water provision is one of these projects as BMM understands the situation with regards to the drought as well as the concerns in Pella regarding constant water provision. In the following three months (January to March 2020) we will begin sitting with communities, specifically regarding water projects to clarify what communities want and how we can assist.</p> <p>Regarding Sedibeng debt, BMM is willing to help the Council with this and can join the Council when meeting with Sedibeng Water to provide support.</p> <p>Ralton Maree (RM): Please come to us after the meeting to ensure we have your correct contact details.</p>

#	Issue raised	By whom	Response
<p>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</p>			
7	<p>I represent Khai-Ma Council. I would like to see an agreement signed to ensure the debt does not get transferred to the Council or that the Council does not inherit the debt. What debt will we incur in terms of electricity and water? Regarding dust we must ensure that it does not affect people's health.</p>	L. Hugo	See response in point 4 above
8	<p>The DHSWS must also be present when discussing the debt issue with Sedibeng Water.</p>	Unidentified I&AP	Thanks for the comment, this has been noted.
9	<p>Should the project be approved, Pella must benefit from jobs. We have noticed loopholes when it comes to employment. We see many vehicles and busses bringing lots of people from outside areas. The majority of employment should be for our community and the Namakwa District municipal areas. The community must be provided with training to be able to do higher level jobs rather than only being general workers.</p>	L. Hugo	<p>Anneline Botes (AB): During the construction phase there will be 6000 jobs created. During operations there will be 1200 jobs. We have identified issues from previous employment drives in the area and these will be addressed. We also have a partnership with TVET college to ensure locals are employable and to ensure the skills are available.</p>
10	<p>We also have underground water and many fountains in the area. How can Sedibeng and DHSWS help us to access and utilise the water?</p>	L. Hugo	Noted and could be assisted with through SLP programme.
11	<p>If it was not for the smelter, you would not have come here to talk about SLP commitments. You last came here in 2015 to have meetings and we have not seen you since then. If it was not for the smelter, you would never have come back. You were here for</p>	A. Engelman	Statement noted.

#	Issue raised	By whom	Response
<p>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</p>			
	<p>Gamsberg and we all said no to development. For you this is a project that must succeed. What will happen to us on the ground? We asked you to put the last pipeline underground, but you did not listen and put it above ground. You also use explosives at the mines and our houses are made of clay which are cracking. I say no to the new smelter and pipeline. I don't have questions; I just wanted to make a statement.</p>		
12	<p>I just want to say that from previous experience you do not listen to us.</p>	Mr Jacobson	Statement noted.
13	<p>What skills will the people require? Tell us so we can get the required training before jobs become available.</p>	L. Hugo	<p>AB: We have a similar smelter to this one called Scorpion Zinc. We are already aware of the types of skills required to operate and our SLP looks at that specifically.</p> <p>CW: We currently have 770 Khai-Ma learners in TVET college taking part in programmes to prepare for employment.</p>
14	<p>How many people working at the Gamsberg Zinc Mine actually come from each town? Show us these people. They use our addresses and we do not recognise them.</p>	Unidentified I&AP	<p>CW: We can look at where the students come from and provide the numbers to you to look at.</p>
15	<p>You are Vedanta and BMM. You employ contractors like Moolman's and Minopex. The owners of the mines promise us employment. Now we know our people. How many Witbank and Pella people do you have working there? Take us to the mine so we can point out our people. You will see we do not recognise those people.</p>	Unidentified I&AP	<p>CW: We have a process where we work with members of the municipality to verify names and where they are from. This process must be run in collaboration with the municipality. We will get in contact with you regarding the process.</p>

#	Issue raised	By whom	Response
<p>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</p>			
16	<p>This is now the third pipeline you want to build. The first two pipelines were not built on BMM land. They were built on our land. For the first two pipelines we got nothing. No money. For the third pipeline, what will we get?</p>	J. Trichard	<p>CW: There are discussions regarding the servitude, and we are looking into it. BMM does understand the sensitivity surrounding the servitude. The pipeline will not proceed without the required approvals. The whole approval process is based on the servitude. I am not sure how to answer you regarding who it belongs to. The pipelines were constructed on behalf of Sedibeng.</p> <p>AE: in 1978 the government registered the servitude over the farms Aroams, Springput, Klein Pella, Aggeneys and a portion of Blomhoek. When building a powerline or pipeline, the activity must be registered within the servitude. That servitude has certain rights, for example, this servitude belongs to Sedibeng. Sedibeng is thus allowed to do certain things within that servitude. The owner of the ground can also do things on the servitude. There are rules in place for this. If you are looking for the servitude proclamation, it is available at the surveyor general offices and includes all the rules of what people may do in that servitude. In the case of Sedibeng, they may build pipelines and dams within the servitude, as well as have unrestricted access to the servitude.</p>
17	<p>So, the mine and the government work together. You must be aware that the elderly must drive or walk to Pofadder to get grant money. The government must come here so we can also get grant money easily. You are the money speakers. You can make this happen.</p>	Unidentified I&AP	<p>Reno van Wyk (RW): We have seen in the past that when we have a celebration in Aggeneys, often Standard Bank will bring a mobile ATM. I would suggest we get a count of the pensioners and see whether the banks would be able to assist with mobile ATMs. We have sent a letter to SASSA</p>

#	Issue raised	By whom	Response
<p>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</p>			
	<p>Pella is a disadvantaged community, especially for retirees. There is lots of money for these projects, but Pella does not benefit.</p>		<p>to get data on pensioners in each town. We will provide feedback once we get the information.</p>
18	<p>We have load shedding, soon water shedding. How will the rainfall and climate change be affected by the smelter?</p>	Unidentified I&AP	<p>MM: In terms of climate change a specialist study is being done to assess the impact on the climate as well as the impact of climate change on the smelter operations. Power supply options will also be assessed which will include both Eskom and renewables.</p>
19	<p>I feel this community is saying no to the pipeline. Us as the inhabitants of Pella feel we are not acknowledged. The municipality make decisions without us. We as a community have decided enough is enough. We must be acknowledged and recognised. What happens now is you or the municipality comes here, we say no, then in two to three months the infrastructure we said no to is built. This ground is Pella ground. Not mine ground or municipal ground. When we say no, we mean no. You will acknowledge us.</p>	S. Witbooi	<p>RM: We acknowledge your sentiment and have recorded it. I do not believe the answers we can provide today will change your opinion on the matter. We will take note of the comment and will make a record of it.</p>
20	<p>Here in this hall we said no to the second pipeline. Yet money talks and the pipeline was built. We said no to the construction in 2017, yet here it is now. Today we say no again. This is our ground. The servitude belongs to Pella. The people who signed today must take their signature back. We do not want the pipeline.</p>	M. Paulus	<p>MM: If the form is signed with your details, it does not imply you agree to or approve the project. We ask that you provide your details so that we may include you in the public participation process and you can submit your comments. The process is very specific regarding the submission of comments and queries which gets included in the EIA report and gets submitted to the authorities.</p>
21	<p>Regarding the recruitment process, Vedanta has minimum requirements for posts, so outsiders get appointed. Also, people</p>	J. Stakham	<p>RW: There have been many sentiments shared regarding the information shared and the criteria for requests. There is one important criterion that</p>



#	Issue raised	By whom	Response
<p>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</p>			
	<p>without the requirements get put into positions unfairly. I think the requirement is not necessary and needs to be lowered. You advertise the jobs online which we do not have access to. You must work through the municipality.</p>		<p>people consider, like organisations and universities etc. One of the criteria is the recognition of prime land. What does recognition of prime land mean? Recognition of prime land means experience that you must do the job or operate machinery. That gets taken into consideration. If there are positions available, that is part of the criteria. The other important point is the flow of information. The information flows from the mines side to the local municipality, churches and NGO's. What we do is we send all the information to these institutions. These people are expected to share this information with the community. That is how the process works. What we also do, is we send the information to all state departments which we have email addresses for. We also send the information to all the contacts we have with email addresses.</p>
22	<p>How were the public meetings advertised?</p>	G. Galan	<p>The meetings were advertised by sending out SMS's to all those on the stakeholder database as well as by email. In addition, posters were displayed in each of the towns with the dates and times of the meetings.</p>
23	<p>I live next to the road. There is lots of dust from upgrading the road. They also require water.</p>	G. Galan	<p>Dust suppression during construction activities will be in place.</p>
24	<p>Pella is not prioritised for development. You must listen to the people or there will be civil disobedience. Our people need to be heard. The municipality does not listen to us and makes decisions on our behalf. To them Pella is not part of Khai-Ma. Pofadder and Aggeneys get</p>	Unidentified I&AP	<p>Statement noted.</p>

#	Issue raised	By whom	Response
<p>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</p>			
	<p>water first, electricity first, services first, new expansions and roads. When us as Pella ask why, we get told to wait. Surely development should also take place here?</p>		
25	<p>Currently there is a lack of information from the municipality and mayor's office. The information does not get to the people. The jobs must be advertised properly to the community so that the people of Pella can know.</p>	Mr James	Statement noted.
26	<p>I cannot get work as an operator, yet you bring in older people from far away as operators. Give me the chance to work and I will show BMM that I can be reliable and that there are good operators in Pella community. We need a petrol station here, then we will not have so many expenses for petrol. We sit here without petrol, yet we have a mine here making millions of Rand. Give us people of Pella opportunities. It hurts me to see other people working at the mine, but not the people of Pella.</p>	Mr Ryno	Statement noted.
27	<p>This database that you set up is not providing us with work opportunities. When the database started, we stopped getting work. BMM is being mined out by people without an education. They cannot even read or write, yet I can. Those young people can't even switch on a computer. Give the young training so they can do the job properly and employ us older people who have experience.</p>	Miss Paulita	Statement noted.

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28	<p>Around 3-4 months ago we received letters stating that our erven at the back are to be used by Minopex's people. They are building houses for the Minopex people. What about the people of Pella? What about development for us?</p>	A. Basson	<p>RW: BMM does not know about the Minopex Issue, but we will investigate it. That is a local government issue.</p>
29	<p>I did a computer course and was required to do a follow up course. I also followed up with the college and I followed up with BMM, but BMM never got back to me.</p>	Unidentified I&AP	<p>RW: We take note and will correspond as soon as possible.</p>
30	<p>Where do you look for work at Gamsberg?</p>	V. Visagie	<p>Recruitment facilities are at the Municipality in Pofadder and the BMM office in Pofadder.</p>
31	<p>If the project is local, can't you also train us locally?</p>	Mrs Marta	<p>CW: What we currently do is we run programmes for Pofadder. We transfer Pella people to Pofadder as the programme is offered there. We take note of your comment.</p>

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APPENDIX 1: ATTENDANCE REGISTER

Project: Gamsshels

SLR Ref : 720.22013.00002

Date: 03 December 2009

Meeting: Pella



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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Project: Cambridge  
 SLR Ref: 720.22013.00002  
 Date: 03/12/2019  
 Meeting: Pella



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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Project: Camghecs  
 SLR Ref: 720.22013.00002  
 Date: 07/12/2019  
 Meeting: Pella



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Project: Camshers

SLR Ref : 720.22013.00002

Date: 03/12/2019

Meeting: Pella



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Project: Camshers  
 SLR Ref : 720.22013.00002  
 Date: 07/12/2019  
 Meeting: Pella



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Vincent Visage	Pella		0718890192	—
Silvia Witboer	Pella		0788492323	—

Project: Gamsheks

SLR Ref : 720.22013.00002

Date: 03/12/2019,

Meeting: Pella



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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Eva Fortuin			0612260593	
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Antoinette April	Coop / Isakfontein		0710913916	
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Project: Coaching

SLR Ref : 720.22013.00002

Date: 07/12/2019

Meeting: Pella



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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Project: Camshers



SLR Ref : 720.22013.00002

Date: 07/12/2019

Meeting: Pella



# SLR

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Project: Ganshops

SLR Ref : 720.22013.00002

Date: 03/12/2019

Meeting: Pella



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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Spuent Sepella	Bmc	TSJ	0824615578	
<del>XXXXXXXXXX</del>		<del>XXXXXXXXXX</del>	<del>XXXXXXXXXX</del>	
ISABEL APRIL	PELLA GEMEENSCHAP	April	078 719147	
Bernadette Raina	Pella	Berna	0738830663	
Martha Cuprabo	Pella	Mylo	0717268958	

**BLACK MOUNTAIN MINING (PTY) LTD  
NOTES OF STAKEHOLDER INFORMATION MEETING**

<b>DATE:</b>	4 December 2019 at 08:30
<b>VENUE:</b>	DENC Offices, Springbok
<b>PROJECT:</b>	Gamsberg Smelter and Bulk Water Pipeline Project
<b>SLR COMPANY:</b>	South Africa
<b>PROJECT NUMBER:</b>	720.22013.00002
<b>PURPOSE:</b>	Information sharing for Smelter: Scoping and Environmental Impact Assessment and Bulk Water Pipeline: Basic Assessment process
<b>ATTENDANCE:</b>	An attendance register is presented in Appendix 1.

**1. OPENING AND INTRODUCTION**

Kate Hamilton (KH) of SLR Consulting (South Africa) (Pty) Ltd opened the meeting and welcomed attendees. The Black Mountain Mining (Pty) Ltd (BMM) team and the SLR team introduced themselves to the meeting attendees. An attendance register was signed by attendees and is included in Appendix 1.

**2. APOLOGIES**

No apologies were made.

**3. PRESENTATIONS**

Mr Pieter Venter (PV) of BMM gave an informal presentation on BMM and their proposed Gamsberg Smelter Project and proposed bulk water project. The presentation included an overview of the site; the alternatives identified and related technical information for the proposed project.

KH gave an informal presentation on the Scoping and Environmental Impact Assessment (S&EIA) process and the Basic Assessment (BA) process for the proposed smelter and bulk water pipeline projects.

A copy of the presentation is attached in Appendix 2.

**4. DISCUSSION**

Comments raised during the meeting have been recorded and are included in Table 1 below. Where a response was provided the response has been included. Where comments/ queries were not able to be responded to in the meeting, this has been indicated in Table 1 and responses will be provided in the Comments and Responses (CRR) section of the Draft Scoping Report that will be distributed for public comment.

**5. THE WAY FORWARD**

KH highlighted the following:

- Submit application form (January / February 2020)
- Commenting authority and public review of Scoping Report (30 days, January/ February 2020)
- Commenting authority and public review of BA (30 days, March/ April 2020)
- Commenting authority and public review of S&EIA (30 days, June - July 2020)

## **6. CLOSE**

KH thanked everyone for their attendance and interest in the Gamsberg Smelter and the Bulk Water Pipeline Projects and the meeting was adjourned.



**TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN**

#	Issue raised	By whom	Response
<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>			
1	At the moment much of the ore is transported by road? The idea is to further refine the concentrate?	C. Geldenhuys	PV: All of the concentrate from the Gamsberg Zinc Mine is currently transported by road. BMM will further treat only the zinc concentrate, not the lead concentrate that comes from the current underground mine. Gamsberg will also produce some lead that will also be transported to the concentrator. Part of the feasibility study is looking at going back to Loop 10 to transport both concentrate and zinc product via the railway.
2	Will there be less bulk transport after the smelter has been built?	C. Geldenhuys	PV: There will be more transport required because of the sulphuric acid that will be produced as a by-product of the smelting process. The Gamsberg Zinc Project will produce enough acid for 30 trucks per day. The technical team is assessing the possibility of transportation via rail.
3	What is the limiting factor for transport options? Is it the condition of the road to Loop 10?	C. Geldenhuys	PV: The road to Loop 10 will need to be partially rebuilt even though it is a government road. Mpho Ndaba (MN): BMM is in discussions with Transnet to try and make an arrangement.
4	Is the smelter within the offset area?	P. Cloete	PV: No, it is not. KH: The smelter would be constructed and operated within the mining right area.

#	Issue raised	By whom	Response
<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>			
			Koos Smit (KS): The proposed footprint area is located within an area that has already been offset as part of the Gamsberg Zinc Mine Offset agreement. So, all the regions on the map you see for Gamsberg Zinc Mine has already been offset. If you look at the layout you will see the Gamsberg Smelter Project attempts to avoid identified sensitive areas such as the calcretes as well as the watercourses.
5	Isn't the mine overburden in the watercourse?	C. Geldenhuys	PV: No, it is on the southern side of the watercourse. There is a berm to protect the watercourse.
6	So, your most sensitive areas are your watercourses?	P. Cloete	KS: Yes, and of course the calcretes.
7	Will there be a biodiversity assessment? Who is the consultant?	P. Cloete	<p>KH: Yes, there will be. The biodiversity consultant is Simon Todd. We are also doing an air quality study to understand the dust impacts. We have updated the dust fallout in terms of more current information as well as done modelling of the SO<sub>2</sub>, NO<sub>x</sub> and other emissions that may come out of the smelter so we can understand the extent of the impacts and the impact it may have on biodiversity.</p> <p>EL: There is a full list of specialist studies in the presentation document we have provided you.</p>
8	I presume the majority of the water requirements of the smelter will be from the Orange River? It will not be groundwater?	C. Geldenhuys	PV: That is correct. We are also focusing very heavily on treating and designing for zero discharge. If we do not design to conserve water as far as possible, we cannot build the smelter here.

#	Issue raised	By whom	Response
<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>			
9	Is it possible to estimate how much additional water will be required based on the existing water requirements at Gamsberg? For example, would the smelter require 50% extra water resources?	C. Geldenhuys	<p>PV: Currently we are using 28ML/day. With the smelter we will go up to the full allocation for Sedibeng which is 44ML.</p> <p>KH: That water also supplies the towns in the area: Aggeneys, Pofadder, and Pella.</p> <p>PV: There is a large buffer built in. We cannot exceed 44 ML/day as that is the absolute limit allocated to Sedibeng. Anything more than that, there is a whole process that needs to be followed by Sedibeng to obtain additional allocation from the Orange River. There is no guarantee they can get the water and 50% is Namibia's water.</p>
10	Will there be any licence requirement for national (Environmental Affairs)?	C. Geldenhuys	KH: The air emission licence will be done but it won't be national. It will be through DENC, David Khakane.
11	For the Smelter DMR is the competent authority?	C. Geldenhuys	KH: Correct.
12	I presume there will be site visits arranged in the future for the proposed sites for authorities to inspect by you?	C. Geldenhuys	KH: We have already arranged and conducted a site visit with authorities. We met with DMR, DENC and DWS in September 2019 and gave them the opportunity to view the site, but they all know the site already. Deirdre Karsten from DMR will be handling this project application.
13	What is the prevailing wind direction around Gamsberg?	C. Geldenhuys	PV: It is east to west. You will find the dust follows the Inselberg, predominantly east to west.

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**APPENDIX 1: ATTENDANCE REGISTER**

Project: Gamsberg

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Springbok DENC



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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K. Smit	BMM		0722898566	JH.Smit@vedentiaresources. co.za
C. Witbooi	BMM		0549839225	CWitbooi@veelentiaresources.co.za


Project: \_\_\_\_\_

SLR Ref : 720.22013.00002

Date: \_\_\_\_\_

Meeting: \_\_\_\_\_



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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**BLACK MOUNTAIN MINING (PTY) LTD**  
**NOTES OF STAKEHOLDER INFORMATION MEETING**

<b>DATE:</b>	4 December 2019 at 14:00
<b>VENUE:</b>	Pofadder Community Hall, Pofadder
<b>PROJECT:</b>	Gamsberg Smelter and Bulk Water Pipeline Project
<b>SLR COMPANY:</b>	South Africa
<b>PROJECT NUMBER:</b>	720.22013.00002
<b>PURPOSE:</b>	Information sharing for Smelter: Scoping and Environmental Impact Assessment and Bulk Water Pipeline: Basic Assessment process
<b>ATTENDANCE:</b>	An attendance register is presented in Appendix 1.

**1. OPENING AND INTRODUCTION**

Marline Medallie (MM) of SLR Consulting (South Africa) (Pty) Ltd opened the meeting and welcomed attendees. The Black Mountain Mining (Pty) Ltd (BMM) team and the SLR team introduced themselves to the meeting attendees. An attendance register was signed by attendees and is included in Appendix 1.

**2. APOLOGIES**

No apologies were made.

**3. PRESENTATIONS**

Mr Pieter Venter (PV) Environmental Manager for BMM presented the background to BMM and the proposed Gamsberg Smelter Project. The presentation included an overview of the Gamsberg Zinc Mine; the project alternatives identified and related technical information for the proposed Gamsberg Smelter Project.

Mr Arno Engelbrecht (AE), Project Lead - Gamsberg Infrastructure, presented the proposed Bulk Water Pipeline project. The presentation included an overview of the existing pipeline servitude and related technical information for the proposed Bulk Water Pipeline project.

MM gave a presentation on the Scoping and Environmental Impact Assessment (S&EIA) process and the Basic Assessment (BA) process for the proposed Gamsberg Smelter and the Bulk Water Pipeline Projects. The presentation included an overview of the legal framework regulating the Smelter S&EIA application and Water Use Licence Application (WULA) and an overview of the legal framework regulating the Bulk Water Pipeline BA and WULA process, including the specialist investigations and public participation process for each.

A copy of the presentation is attached in Appendix 2.



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#### **4. DISCUSSION**

Comments raised during the meeting have been recorded and are included in Table 1 below. Where a response was provided the response has been included. Where comments/ queries were not able to be responded to in the meeting, this has been indicated in Table 1 and responses will be provided in the Comments and Responses (CRR) section of the Draft Scoping Report that will be distributed for public comment.

#### **5. THE WAY FORWARD**

MM highlighted the following:

- Submit application form (January / February 2020)
- Commenting authority and public review of Scoping Report (30 days, January/ February 2020)
- Commenting authority and public review of BA (30 days, March/ April 2020)
- Commenting authority and public review of S&EIA (30 days, June - July 2020)

#### **6. CLOSE**

MM thanked everyone for their attendance and interest in the Gamsberg Smelter and the Bulk Water Pipeline Projects and the meeting was adjourned.

**TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN**

#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
1	When Gamsberg Zinc Mine was initially developed we noticed a lot of workers coming from outside the Khai-Ma area. When there are new job opportunities available at the mine, the people of Khai-Ma must be given job preference, not people from outside Khai-Ma. Please also look after the people of Khai-Ma and train/upskill the people of Khai-Ma to be able to be considered for jobs at the mine. Work opportunities due to the smelter and associated infrastructure must be prioritised for the people of Khai-Ma.	Mr G.J Silver	Christo Witbooi (CW) – A while back we started a collaboration with the TVET college. At this stage we have 177 local community members enrolled at TVET for various courses as part of our long-term planning to ensure locals have the required skills to not only be general workers, but to get better work opportunities at the mine. It is a process we are busy with. In January this year (2019) we had our first enrolments at TVET to ensure we can train as many people as possible. The courses offered were discussed with community members of Pofadder and the youth to determine what courses people are interested in and where the work opportunities are. We will have to work together with the community to ensure we improve the process and train as many people as possible in the area.
	In the presentation you state that the Eskom infrastructure will need to be upgraded. Will the benefits of the infrastructure upgrade only benefit the Gamsberg Smelter Project or will the surrounding towns of Pofadder and Pella benefit from the upgrade of infrastructure and have more reliable electricity supply?	Mr Breyton	AE - There are two parts to the upgrade. The one is for the smelter upgrade within the Aggeneys substation. In that section we will take from the high voltage line coming from Arries, which runs at 400 kV and step it down to 132 kV. Pofadder will not be directly affected by those upgrades. Where Pofadder would benefit is from the upgrade to the Pella Midway substation for power supply to the proposed new booster pump station. The substation takes power from the 66 kV powerline and steps it down to 22 Kv. The substation then feeds electricity to Pofadder. The substation also supplies power to Pella, small Pella and Witbank. The current substation transformer is too small to

#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
			provide the required power and would need to be upgraded should the Gamsberg Smelter Project go ahead. The upgrading of the substation transformers would be to the advantage of Pofadder in terms of increased power supply.
	When you talk about benefits from the project to the community and jobs, we do not want to only be general workers with short term work opportunities. We want to learn and upskill ourselves to be more than just general workers. Our children have ambitions and want to make more of their lives than just being general workers and unskilled labour.	Miss Maitolien	CW – A while back we stated a collaboration with the TVET college. At this stage we have 177 local community members enrolled at TVET for various courses as part of our long-term planning to ensure locals have the required skills to not only be general workers, but to get better work opportunities at the mine. It is a process we are busy with. In January this year (2019) we had our first enrolments at TVET to ensure we can train as many people as possible. The courses offered were discussed with community members of Pofadder and the youth to determine what courses people are interested in and where the work opportunities are. We will have to work together with the community to ensure we improve the process and train as many people as possible in the area.
	Transparency is very important. We are sitting with trained people in Khai-Ma who do not have work. I was trained to be a safety officer at Black Mountain Mine, yet here I sit without work. Many of us sit without work and it breaks my heart. Please can this be addressed.	Mr G.J Silver	CW – BMM has worked with the local municipality and community leaders to try and address these issues. This is an ongoing process to identify all skills in the communities and use these skilled/ trained people. BMM has generated a database in collaboration with the municipality which lists the people and what skills they have, however, there are still people who need to register on this database. Everyone needs to ensure they register and provide their CV's. BMM has learnt from the past and wish to do things properly going forward.

#	Issue raised	By whom	Response
	<p><b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b></p>		
	<p>Regarding the EIA for the smelter, what are the occupational health impacts of the smelter and will the report results be shared with us on a regular basis so that the local community can keep track of how their health may be impacted?</p>	<p>Mr T Rosino</p>	<p>Pieter Venter (PV)- Part of the applications we are applying for is to obtain an atmospheric emissions licence (AEL). The requirements for this include continuous monitoring and the generation of monthly reports, point source emissions and the requirement for ambient air quality monitoring to assess the impact of the smelter on the surrounding environment. These reports will be generated on a monthly basis and submitted to the National Atmospheric Emissions Inventory System (NAEIS). This requirement is compulsory. That report can also be made available to the council.</p> <p>MM - In addition the smelter must include various technology to minimise emissions and remain within the atmospheric emissions standards. The existing emissions levels are included in the report and in the air quality modelling. Those results will be made available as part of the EIA report when it is distributed for public comment, around June 2020. The mitigation requirements usually require continuous monitoring which would be reported on a monthly basis.</p>
	<p>Vedanta will have business partners/contractors. As a representative of organised labour, we find that there are regular protests by community members. We complied and assisted you with obtaining permits previously, but then we do not benefit. The current model for the mine has benefits for people from outside more than from Khai-Ma. We understand that sometimes you need</p>		<p>CW – We do acknowledge previous mistakes made during the Phase 1 construction. It is an issue that we know about and plan to not repeat these mistakes. However, we will need to come together with the community to plan and have those discussions to be able to put something on the table with a clear way forward. There are numerous meetings planned with the communities between now and March 2020 where we can discuss and ensure</p>

#	Issue raised	By whom	Response
	<p><b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b></p>		
	<p>to bring in very skilled labour that must be imported, but don't import people who put up fencing as Pofadder is full of people who can put up fencing. We see there is also a construction camp. This tells us you want to import labour from outside. If you use local people you do not need a construction camp. As organised labour we will not support you if we are not the main beneficiaries of this project. Small businesses must be given the opportunity to compete.</p>		<p>the right people get the correct training. We are also planning for an additional intake at the TVET College between now and June 2020 to see what they can do to prepare for the planned smelter.</p>
	<p>There is a misalignment of the training process and construction process. You started the process for the plant, so let's start training people with the correct skills for the job. You mention you have an agreement with TVET college. I would like to see the TVET schedule agree with the construction schedule. We should use these meetings and future meetings to ensure we correct the misalignment so that locals can obtain the required skills before the plant commences operations.</p>		
	<p>I own a local small business called Silo and Sons. I speak on behalf of SME's in the local area. It is very good news that there is new investment in the region with this new smelter. I would like to point out though that for a lot of the developments that were done during Phase 1, not all the commitments made were realised. I would like Vedanta/Black Mountain Mining to acknowledge the mistakes they made during Phase 1 and learn from those mistakes to better utilise</p>	<p>Mr E. Silo</p>	<p>CW – As part of our planning for the next five years we have decided that we need a different approach when dealing with small businesses compared to the normal commercial setup. Within our commercial department we have commenced with plans to develop a local supplier database to ensure we do not leave local small businesses behind. There is a process that we have put in place.</p>

#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
	the opportunities to employ SME's locally, e.g. putting up fences, building roads and other supporting services. How will Vedanta/ Black Mountain Mining influence the EPC contractors that will construct the smelter to utilise local businesses and SME's rather than bringing people from outside. They must understand that we can also provide services rather than contacting someone from outside Khai-Ma and then bringing people in.		
	I have listened to everything you have said; however, I have not heard approximately how many jobs we can expect from the project for Khai-Ma? How will you accommodate people who do not have grade 10/11/12 who are not skilled but are looking for work? How can we assist them and train them if they do not meet the minimum TVET acceptance requirements to get enrolled at TVET? Regarding the construction camp, it is a big issue for Khai-Ma. It takes away our work and brings social ills into the area like alcohol abuse and HIV/AIDS,	Mr P. Jason	CW – Regarding the question pertaining to grade 10, we have discussed this with our TVET partners to be able to take those persons on bridging courses to go in the N1 direction, and then N2 so that we can end up with skilled people we can put in more skilled posts. However, what I have also seen is that many of our community members who have made use of the opportunity have dropped out of the course. If you get an opportunity, take that opportunity seriously as there are many people who sit and wait for that opportunity, so the chances that the opportunity will come around again is very small. If you drop out the first time, it is very difficult to get in a second time. We also discussed with TVET the recognition of prior learning, acknowledging certain experience you may have developed. Then there is also the possibility that you can get the required approval to do the work required. It is difficult to submit a CV for which there are certain requirements, however, with a college certificate you have supporting documentation that you can do the work, then the opportunity for work does exist. Again, it is a process that must be followed. We must assess

#	Issue raised	By whom	Response
	<p><b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b></p>		
			<p>the gaps, determine why people drop out of the training programmes and understand what must be done to ensure local people can obtain jobs.</p> <p>Satish Kumar (SK) – People ask why the construction camp. They think it means we will bring people from outside. If no people need to be brought from outside, then there is no need for a construction camp. As per Phase 1 of the project we employed between 2500 to 3000 people. We will only put the construction camp for people with skills which are not available in Khai-Ma. We do not have all the required skills available in the local municipal areas. Having said that, if the skills are here, we would rather use local labour. The construction camp for Phase 1 was for approximately 1000 people, whereas we employed 3000 people. That means almost 2000 people came from nearby areas. Similarly, for the smelter, at the peak we are expecting 6000 jobs. Now that does not mean we will put up a construction camp for 6000 people. Whatever skills are here we will use, likely 3000 to 4000 people, so we would only put up a construction camp for 2000 people, not 6000 people.</p> <p>CW – When BMM commenced with the original construction camp, it was a dry camp. Everything possible was done to ensure no alcohol was allowed in the camp. However, what then happens is that people leave the camp to drink alcohol elsewhere. This is something that needs to be assessed. BMM would thus like to sit with the community and municipal leaders to assess what could be</p>

#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
			done better going forward.
	The construction camp is the exception, not the rule. You made provision for the construction camp in your EIA. We understand that. That camp even housed our own local people there. Firstly, that means there was no need for such a large camp. Secondly, we could rather have had township guesthouses so other people can come and board by us and the mine pays. Moving forward don't force us to do things. Let's rather engage.	Unidentified I&AP	RM – Your comment has been noted for inclusion in the EIA.
	I am concerned about the employment. Everyone in Pofadder and Khai-Ma must register on the employment database. I feel the system does not work. You must forget about the database and just employ local people. What are companies doing at the construction camp to ensure the people there are contributing towards corporate and social investment. What are they doing to ensure the people of Khai-Ma benefit?	Mr E. Richters	BMM would like to sit with the community and municipal leaders to assess what could be done better going forward,
	The SLP implies that BMM is responsible for Khai-Ma. I plead with BMM to please take responsibility for the people of Khai-Ma by prioritising the people for skills development and making sure that the skills and benefits stays within Khai-Ma. Give the people in this area the right skills and opportunities to build infrastructure in Khai-Ma.	Mr G.J Silver	Sean Jenniker (SJ) – From the mines side we talk about a business with purpose. We talk about being here for the community. Now if you look back the last couple years regarding the SLP and CSR, you will see there was a change in our approach. Our team has become bigger and we are more engaged in the community. These are the types of behaviours that we want to grow in the future. Perhaps in 40 years you can ask us what you have accomplished in 40 years. What we would ask is that you judge us on the last couple of years. The



#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
			TVET college partnership is an initiative we started last year. So how did we get there? As CW explained, that was something the community identified that they wanted. We are now here to tell you that we are starting with the smelter process. The same intent is there to say, these are the skills that we have in Khai-Ma that we will need for the smelter and Phase 2 of the plant. I want to give the commitment from Vedanta side, and please can I ask that you go on the internet and go look at what we stand for, and that is to give back to the community. So that is our actual goal. Regarding skills development, I think the work we are doing with TVET College moving forward will help achieve this goal.
	We are struggling a lot with water. The dams are not full. With this upgrade will there be an impact on water quality or supply? Will water supply be interrupted?	Mrs A. Kriel.	AE – There are currently two water pipelines. There is a connection point that runs from the pipeline to the Pofadder dam and town. These pipelines are the responsibility of Sedibeng Water. Upgrades will take place; however, the dams will be made full before any upgrades take place. With good management and planning we anticipate that water will be available for domestic use.
	We need a strategy to get people engaged in the process. We as organised labour will make the effort with your help to include these people. I would also like to hear you use radio as a means of communication. We would also like to have a timeline and approach as to how this will be addressed.	Mr T Rosino	CW – We will be having a conversation on the radio tomorrow morning. Earlier we were at Radio NFM to discuss with them how we can reach more people. So tomorrow between 7 and 8 am we will have the on-air discussion. They are already notifying people now during the day of the on-air discussion to take place tomorrow morning. We will all talk about the project, what is planned etc. so that is something we have planned.



Project: Camgobos  
 SLR Ref : 720.22013.00002  
 Date: 04/12/2019  
 Meeting: Pofadder



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Project: Camagbers

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadder



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Project: Cangberg  
 SLR Ref : 720.22013.00002  
 Date: 04/12/2019  
 Meeting: Pofadder ✓



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Project: Cambs bers

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadav



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Project: Camshers

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadder



# SLR

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Project: Gamsberg  
 SLR Ref : 720.22013.00002  
 Date: 04/12/2019  
 Meeting: Pofadder



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Project: Ganghers

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadder



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Project: Gaasterberg  
 SLR Ref : 720.22013.00002  
 Date: 04/12/2019  
 Meeting: Pofader



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Project: Gamshuis

SLR Ref : 720.22013.00002

Date: 04 December

Meeting: Pofadder



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Project: Gangbers

SLR Ref : 720.22013.00002

Date: 4/12/2019

Meeting: Pat adder



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Project: Gamakers

SLR Ref : 720.22013.00002

Date: 4/12/2019

Meeting: Pofadder



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Project: Gangghels

SLR Ref : 720.22013.00002

Date: 04 December 2019

Meeting: Pofadder



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Project: Coagmbers

SLR Ref: 720.22013.00002

Date: 04 Dec 2011

Meeting: Pofadder



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Brendan Biergaardt			0847006626	
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Wanda Watt		W. Watt	0842300311	

Project: Camghers

SLR Ref : 720.22013.00002

Date: 4/12/2019

Meeting: Pofadder Boereëeniging



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Project: Ganghers

SLR Ref : 720.22013.00002

Date: 4 December 2019

Meeting: Pofadder Poortvereniging



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**BLACK MOUNTAIN MINING (PTY) LTD**  
**NOTES OF STAKEHOLDER INFORMATION MEETING**

<b>DATE:</b>	4 December 2019 at 14:00
<b>VENUE:</b>	Pofadder Community Hall, Pofadder
<b>PROJECT:</b>	Gamsberg Smelter and Bulk Water Pipeline Project
<b>SLR COMPANY:</b>	South Africa
<b>PROJECT NUMBER:</b>	720.22013.00002
<b>PURPOSE:</b>	Information sharing for Smelter: Scoping and Environmental Impact Assessment and Bulk Water Pipeline: Basic Assessment process
<b>ATTENDANCE:</b>	An attendance register is presented in Appendix 1.

**1. OPENING AND INTRODUCTION**

Marline Medallie (MM) of SLR Consulting (South Africa) (Pty) Ltd opened the meeting and welcomed attendees. The Black Mountain Mining (Pty) Ltd (BMM) team and the SLR team introduced themselves to the meeting attendees. An attendance register was signed by attendees and is included in Appendix 1.

**2. APOLOGIES**

No apologies were made.

**3. PRESENTATIONS**

Mr Pieter Venter (PV) Environmental Manager for BMM presented the background to BMM and the proposed Gamsberg Smelter Project. The presentation included an overview of the Gamsberg Zinc Mine; the project alternatives identified and related technical information for the proposed Gamsberg Smelter Project.

Mr Arno Engelbrecht (AE), Project Lead - Gamsberg Infrastructure, presented the proposed Bulk Water Pipeline project. The presentation included an overview of the existing pipeline servitude and related technical information for the proposed Bulk Water Pipeline project.

MM gave a presentation on the Scoping and Environmental Impact Assessment (S&EIA) process and the Basic Assessment (BA) process for the proposed Gamsberg Smelter and the Bulk Water Pipeline Projects. The presentation included an overview of the legal framework regulating the Smelter S&EIA application and Water Use Licence Application (WULA) and an overview of the legal framework regulating the Bulk Water Pipeline BA and WULA process, including the specialist investigations and public participation process for each.

A copy of the presentation is attached in Appendix 2.

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#### **4. DISCUSSION**

Comments raised during the meeting have been recorded and are included in Table 1 below. Where a response was provided the response has been included. Where comments/ queries were not able to be responded to in the meeting, this has been indicated in Table 1 and responses will be provided in the Comments and Responses (CRR) section of the Draft Scoping Report that will be distributed for public comment.

#### **5. THE WAY FORWARD**

MM highlighted the following:

- Submit application form (January / February 2020)
- Commenting authority and public review of Scoping Report (30 days, January/ February 2020)
- Commenting authority and public review of BA (30 days, March/ April 2020)
- Commenting authority and public review of S&EIA (30 days, June - July 2020)

#### **6. CLOSE**

MM thanked everyone for their attendance and interest in the Gamsberg Smelter and the Bulk Water Pipeline Projects and the meeting was adjourned.

**TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN**

#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
1	When Gamsberg Zinc Mine was initially developed we noticed a lot of workers coming from outside the Khai-Ma area. When there are new job opportunities available at the mine, the people of Khai-Ma must be given job preference, not people from outside Khai-Ma. Please also look after the people of Khai-Ma and train/upskill the people of Khai-Ma to be able to be considered for jobs at the mine. Work opportunities due to the smelter and associated infrastructure must be prioritised for the people of Khai-Ma.	Mr G.J Silver	Christo Witbooi (CW) – A while back we started a collaboration with the TVET college. At this stage we have 177 local community members enrolled at TVET for various courses as part of our long-term planning to ensure locals have the required skills to not only be general workers, but to get better work opportunities at the mine. It is a process we are busy with. In January this year (2019) we had our first enrolments at TVET to ensure we can train as many people as possible. The courses offered were discussed with community members of Pofadder and the youth to determine what courses people are interested in and where the work opportunities are. We will have to work together with the community to ensure we improve the process and train as many people as possible in the area.
	In the presentation you state that the Eskom infrastructure will need to be upgraded. Will the benefits of the infrastructure upgrade only benefit the Gamsberg Smelter Project or will the surrounding towns of Pofadder and Pella benefit from the upgrade of infrastructure and have more reliable electricity supply?	Mr Breyton	AE - There are two parts to the upgrade. The one is for the smelter upgrade within the Aggeneys substation. In that section we will take from the high voltage line coming from Arries, which runs at 400 kV and step it down to 132 kV. Pofadder will not be directly affected by those upgrades. Where Pofadder would benefit is from the upgrade to the Pella Midway substation for power supply to the proposed new booster pump station. The substation takes power from the 66 kV powerline and steps it down to 22 Kv. The substation then feeds electricity to Pofadder. The substation also supplies power to Pella, small Pella and Witbank. The current substation transformer is too small to

#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
			provide the required power and would need to be upgraded should the Gamsberg Smelter Project go ahead. The upgrading of the substation transformers would be to the advantage of Pofadder in terms of increased power supply.
	When you talk about benefits from the project to the community and jobs, we do not want to only be general workers with short term work opportunities. We want to learn and upskill ourselves to be more than just general workers. Our children have ambitions and want to make more of their lives than just being general workers and unskilled labour.	Miss Maitolien	CW – A while back we stated a collaboration with the TVET college. At this stage we have 177 local community members enrolled at TVET for various courses as part of our long-term planning to ensure locals have the required skills to not only be general workers, but to get better work opportunities at the mine. It is a process we are busy with. In January this year (2019) we had our first enrolments at TVET to ensure we can train as many people as possible. The courses offered were discussed with community members of Pofadder and the youth to determine what courses people are interested in and where the work opportunities are. We will have to work together with the community to ensure we improve the process and train as many people as possible in the area.
	Transparency is very important. We are sitting with trained people in Khai-Ma who do not have work. I was trained to be a safety officer at Black Mountain Mine, yet here I sit without work. Many of us sit without work and it breaks my heart. Please can this be addressed.	Mr G.J Silver	CW – BMM has worked with the local municipality and community leaders to try and address these issues. This is an ongoing process to identify all skills in the communities and use these skilled/ trained people. BMM has generated a database in collaboration with the municipality which lists the people and what skills they have, however, there are still people who need to register on this database. Everyone needs to ensure they register and provide their CV's. BMM has learnt from the past and wish to do things properly going forward.

#	Issue raised	By whom	Response
	<p><b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b></p>		
	<p>Regarding the EIA for the smelter, what are the occupational health impacts of the smelter and will the report results be shared with us on a regular basis so that the local community can keep track of how their health may be impacted?</p>	<p>Mr T Rosino</p>	<p>Pieter Venter (PV)- Part of the applications we are applying for is to obtain an atmospheric emissions licence (AEL). The requirements for this include continuous monitoring and the generation of monthly reports, point source emissions and the requirement for ambient air quality monitoring to assess the impact of the smelter on the surrounding environment. These reports will be generated on a monthly basis and submitted to the National Atmospheric Emissions Inventory System (NAEIS). This requirement is compulsory. That report can also be made available to the council.</p> <p>MM - In addition the smelter must include various technology to minimise emissions and remain within the atmospheric emissions standards. The existing emissions levels are included in the report and in the air quality modelling. Those results will be made available as part of the EIA report when it is distributed for public comment, around June 2020. The mitigation requirements usually require continuous monitoring which would be reported on a monthly basis.</p>
	<p>Vedanta will have business partners/contractors. As a representative of organised labour, we find that there are regular protests by community members. We complied and assisted you with obtaining permits previously, but then we do not benefit. The current model for the mine has benefits for people from outside more than from Khai-Ma. We understand that sometimes you need</p>		<p>CW – We do acknowledge previous mistakes made during the Phase 1 construction. It is an issue that we know about and plan to not repeat these mistakes. However, we will need to come together with the community to plan and have those discussions to be able to put something on the table with a clear way forward. There are numerous meetings planned with the communities between now and March 2020 where we can discuss and ensure</p>

#	Issue raised	By whom	Response
	<p><b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b></p>		
	<p>to bring in very skilled labour that must be imported, but don't import people who put up fencing as Pofadder is full of people who can put up fencing. We see there is also a construction camp. This tells us you want to import labour from outside. If you use local people you do not need a construction camp. As organised labour we will not support you if we are not the main beneficiaries of this project. Small businesses must be given the opportunity to compete.</p>		<p>the right people get the correct training. We are also planning for an additional intake at the TVET College between now and June 2020 to see what they can do to prepare for the planned smelter.</p>
	<p>There is a misalignment of the training process and construction process. You started the process for the plant, so let's start training people with the correct skills for the job. You mention you have an agreement with TVET college. I would like to see the TVET schedule agree with the construction schedule. We should use these meetings and future meetings to ensure we correct the misalignment so that locals can obtain the required skills before the plant commences operations.</p>		
	<p>I own a local small business called Silo and Sons. I speak on behalf of SME's in the local area. It is very good news that there is new investment in the region with this new smelter. I would like to point out though that for a lot of the developments that were done during Phase 1, not all the commitments made were realised. I would like Vedanta/Black Mountain Mining to acknowledge the mistakes they made during Phase 1 and learn from those mistakes to better utilise</p>	<p>Mr E. Silo</p>	<p>CW – As part of our planning for the next five years we have decided that we need a different approach when dealing with small businesses compared to the normal commercial setup. Within our commercial department we have commenced with plans to develop a local supplier database to ensure we do not leave local small businesses behind. There is a process that we have put in place.</p>

#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
	the opportunities to employ SME's locally, e.g. putting up fences, building roads and other supporting services. How will Vedanta/ Black Mountain Mining influence the EPC contractors that will construct the smelter to utilise local businesses and SME's rather than bringing people from outside. They must understand that we can also provide services rather than contacting someone from outside Khai-Ma and then bringing people in.		
	I have listened to everything you have said; however, I have not heard approximately how many jobs we can expect from the project for Khai-Ma? How will you accommodate people who do not have grade 10/11/12 who are not skilled but are looking for work? How can we assist them and train them if they do not meet the minimum TVET acceptance requirements to get enrolled at TVET? Regarding the construction camp, it is a big issue for Khai-Ma. It takes away our work and brings social ills into the area like alcohol abuse and HIV/AIDS,	Mr P. Jason	CW – Regarding the question pertaining to grade 10, we have discussed this with our TVET partners to be able to take those persons on bridging courses to go in the N1 direction, and then N2 so that we can end up with skilled people we can put in more skilled posts. However, what I have also seen is that many of our community members who have made use of the opportunity have dropped out of the course. If you get an opportunity, take that opportunity seriously as there are many people who sit and wait for that opportunity, so the chances that the opportunity will come around again is very small. If you drop out the first time, it is very difficult to get in a second time. We also discussed with TVET the recognition of prior learning, acknowledging certain experience you may have developed. Then there is also the possibility that you can get the required approval to do the work required. It is difficult to submit a CV for which there are certain requirements, however, with a college certificate you have supporting documentation that you can do the work, then the opportunity for work does exist. Again, it is a process that must be followed. We must assess



#	Issue raised	By whom	Response
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			<p>the gaps, determine why people drop out of the training programmes and understand what must be done to ensure local people can obtain jobs.</p> <p>Satish Kumar (SK) – People ask why the construction camp. They think it means we will bring people from outside. If no people need to be brought from outside, then there is no need for a construction camp. As per Phase 1 of the project we employed between 2500 to 3000 people. We will only put the construction camp for people with skills which are not available in Khai-Ma. We do not have all the required skills available in the local municipal areas. Having said that, if the skills are here, we would rather use local labour. The construction camp for Phase 1 was for approximately 1000 people, whereas we employed 3000 people. That means almost 2000 people came from nearby areas. Similarly, for the smelter, at the peak we are expecting 6000 jobs. Now that does not mean we will put up a construction camp for 6000 people. Whatever skills are here we will use, likely 3000 to 4000 people, so we would only put up a construction camp for 2000 people, not 6000 people.</p> <p>CW – When BMM commenced with the original construction camp, it was a dry camp. Everything possible was done to ensure no alcohol was allowed in the camp. However, what then happens is that people leave the camp to drink alcohol elsewhere. This is something that needs to be assessed. BMM would thus like to sit with the community and municipal leaders to assess what could be</p>

#	Issue raised	By whom	Response
	<b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b>		
			done better going forward.
	The construction camp is the exception, not the rule. You made provision for the construction camp in your EIA. We understand that. That camp even housed our own local people there. Firstly, that means there was no need for such a large camp. Secondly, we could rather have had township guesthouses so other people can come and board by us and the mine pays. Moving forward don't force us to do things. Let's rather engage.	Unidentified I&AP	RM – Your comment has been noted for inclusion in the EIA.
	I am concerned about the employment. Everyone in Pofadder and Khai-Ma must register on the employment database. I feel the system does not work. You must forget about the database and just employ local people. What are companies doing at the construction camp to ensure the people there are contributing towards corporate and social investment. What are they doing to ensure the people of Khai-Ma benefit?	Mr E. Richters	BMM would like to sit with the community and municipal leaders to assess what could be done better going forward,
	The SLP implies that BMM is responsible for Khai-Ma. I plead with BMM to please take responsibility for the people of Khai-Ma by prioritising the people for skills development and making sure that the skills and benefits stays within Khai-Ma. Give the people in this area the right skills and opportunities to build infrastructure in Khai-Ma.	Mr G.J Silver	Sean Jenniker (SJ) – From the mines side we talk about a business with purpose. We talk about being here for the community. Now if you look back the last couple years regarding the SLP and CSR, you will see there was a change in our approach. Our team has become bigger and we are more engaged in the community. These are the types of behaviours that we want to grow in the future. Perhaps in 40 years you can ask us what you have accomplished in 40 years. What we would ask is that you judge us on the last couple of years. The

#	Issue raised	By whom	Response
	<p><b>Note: The minutes do not reflect questions asked which are directly answered in the presentations or which related to standard EIA procedure and had no bearing on the scoping of issues.</b></p>		
			<p>TVET college partnership is an initiative we started last year. So how did we get there? As CW explained, that was something the community identified that they wanted. We are now here to tell you that we are starting with the smelter process. The same intent is there to say, these are the skills that we have in Khai-Ma that we will need for the smelter and Phase 2 of the plant. I want to give the commitment from Vedanta side, and please can I ask that you go on the internet and go look at what we stand for, and that is to give back to the community. So that is our actual goal. Regarding skills development, I think the work we are doing with TVET College moving forward will help achieve this goal.</p>
	<p>We are struggling a lot with water. The dams are not full. With this upgrade will there be an impact on water quality or supply? Will water supply be interrupted?</p>	<p>Mrs A. Kriel.</p>	<p>AE – There are currently two water pipelines. There is a connection point that runs from the pipeline to the Pofadder dam and town. These pipelines are the responsibility of Sedibeng Water. Upgrades will take place; however, the dams will be made full before any upgrades take place. With good management and planning we anticipate that water will be available for domestic use.</p>
	<p>We need a strategy to get people engaged in the process. We as organised labour will make the effort with your help to include these people. I would also like to hear you use radio as a means of communication. We would also like to have a timeline and approach as to how this will be addressed.</p>	<p>Mr T Rosino</p>	<p>CW – We will be having a conversation on the radio tomorrow morning. Earlier we were at Radio NFM to discuss with them how we can reach more people. So tomorrow between 7 and 8 am we will have the on-air discussion. They are already notifying people now during the day of the on-air discussion to take place tomorrow morning. We will all talk about the project, what is planned etc. so that is something we have planned.</p>



Project: Camgobos  
 SLR Ref : 720.22013.00002  
 Date: 04/12/2019  
 Meeting: Pofadder



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LAKAYL CREW	BMM		0795711581	dcw@reduntesources.co.za

Project: Camagbers

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadder



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Project: Cangberg

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadder ✓



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FALCON FERIS			0737253942	
freda margotlie			084 2300311	



Project: Cambers

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadav



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Project: Camshers

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadder



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T.T. Mmusi	-		0783599711	N/A
K. ENGELMAN	-		0605890067	
A. Witbooi	-		0747509237	N/A

Project: Gamsberg  
 SLR Ref : 720.22013.00002  
 Date: 04/12/2019  
 Meeting: Pofadder



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Project: Ganghers

SLR Ref : 720.22013.00002

Date: 04/12/2019

Meeting: Pofadder



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Project: Gaasterberg  
 SLR Ref : 720.22013.00002  
 Date: 04/12/2019  
 Meeting: Pofader



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Project: Gamshuis

SLR Ref : 720.22013.00002

Date: 04 December

Meeting: Pofadder



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I melda Malgas			0731588433	




Project: Gangbers

SLR Ref : 720.22013.00002

Date: 4/12/2019

Meeting: Pat adder



Name and Surname	Organisation	Signature	Contact numbers	E-mail
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Project: Gamakers

SLR Ref : 720.22013.00002

Date: 4/12/2019

Meeting: Pofadder



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Project: Gangghels

SLR Ref : 720.22013.00002

Date: 04 December 2019

Meeting: Pofadder



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Project: Coagmbers

SLR Ref: 720.22013.00002

Date: 04 Dec 2011

Meeting: Pofadder



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Cecilia Bosman		C. Bosman	0710755526	
Rodwell Prins			0628512837	
Brendan Biergaardt			0847006626	
Judith Cupido		Judith	0836960153	
Wanda Watt		W. Watt	0842300311	

## Candice Sadan

---

**From:** Natasha Higgitt <nhiggitt@sahra.org.za>  
**Sent:** Wednesday, 02 September 2020 10:21  
**To:** Candice Sadan  
**Cc:** Kate Hamilton  
**Subject:** RE: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Good morning,

Please confirm that this development is the following application on SAHRIS: Case ID 15433 (<https://sahris.sahra.org.za/cases/pella-bulk-water-pipeline-upgrade-northern-cape>).

Kind regards,

---

**From:** Candice Sadan <csadan@slrconsulting.com>  
**Sent:** Wednesday, 02 September 2020 09:10  
**To:** Candice Sadan <csadan@slrconsulting.com>  
**Cc:** Kate Hamilton <khamilton@slrconsulting.com>  
**Subject:** Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Dear Sir/ Madam

Black Mountain Mining (Pty) Ltd, a subsidiary of Vedanta Zinc International (VZI), owns and operates the Gamsberg Zinc Mine which commenced mining activities in June 2016. Water is currently sourced from the Orange River through an intake pump house located at Pelladrift almost 30 km to the north east of the Gamsberg Zinc Mine. Black Mountain Mining (Pty) Ltd, in conjunction with Sedibeng Water, is proposing to replace and upgrade the existing old underground pipeline and associated infrastructure.

SLR Consulting South Africa (Pty) Ltd has been appointed by Black Mountain Mining (Pty) Ltd as the independent Environmental Impact Assessment Practitioner for the Basic Assessment (BA) process for the proposed water infrastructure upgrades.

The Draft Basic Assessment Report (BAR) for the proposed Pella Bulk Water Pipeline Upgrade project has been made available for a public review period of 30 days, from 2 September 2020 to 2 October 2020. The Non-Technical Summary attached contains a brief synopsis of the BAR in both English and Afrikaans. Due to the Covid-19 pandemic, and according to the Department of Environment, Forestry and Fisheries (DEFF) Guidelines issued on 5 June 2020 restricting the issuing of hard copies into the public domain, the full BAR can be found in the following places for review:

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- Black Mountain Mining (Pty) Ltd website (<https://www.vedanta-zincinternational.com/sustainability/emprs>)

Please send all comments to SLR ([khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)) using the SLR project reference: **720.22013.00002 Pella Bulk Water Pipeline Upgrade**

Yours faithfully,

**Kate Hamilton**  
Senior Environmental Consultant



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## Natasha Higgitt

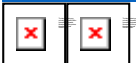
Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency

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## Kate Hamilton

---

**From:** Candice Sadan  
**Sent:** Thursday, 03 September 2020 09:31  
**To:** Kate Hamilton  
**Subject:** FW: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review  
**Attachments:** 2. BAR NTS Afrikaans.pdf; 1. BAR NTS English.pdf

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---

**From:** Abrahams Abe (KBY) <AbrahamsA@dws.gov.za>  
**Sent:** Thursday, 03 September 2020 09:18  
**To:** Van Dyk Gawie (KBY) <VanDykG@dws.gov.za>; Feni Ntombizanele (KBY) <FeniN2@dws.gov.za>; Mokhoantle Lerato (KBY) <MokhoantleL@dws.gov.za>; Cloete Shaun <CloeteS@dws.gov.za>  
**Cc:** Candice Sadan <csadan@slrconsulting.com>  
**Subject:** FW: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Dear Managers

Kindly note for your attention.

Regards

Lindiwe Franks  
Office of the Provincial Head: Northern Cape Region  
Tel: 053 830 8804/00  
Cell: 0844 993734  
Fax: 053 836 7692

28 Central Road  
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Kimberley  
8300



---

**From:** Candice Sadan [<mailto:csadan@slrconsulting.com>]  
**Sent:** Wednesday, 02 September 2020 09:10  
**To:** Candice Sadan <[csadan@slrconsulting.com](mailto:csadan@slrconsulting.com)>  
**Cc:** Kate Hamilton <[khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)>  
**Subject:** Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Dear Sir/ Madam

Black Mountain Mining (Pty) Ltd, a subsidiary of Vedanta Zinc International (VZI), owns and operates the Gamsberg Zinc Mine which commenced mining activities in June 2016. Water is currently sourced from the Orange River through an intake pump house located at Pelladrift almost 30 km to the north east of the Gamsberg Zinc Mine. Black Mountain Mining (Pty) Ltd, in conjunction with Sedibeng Water, is proposing to replace and upgrade the existing old underground pipeline and associated infrastructure.

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Please send all comments to SLR ([khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)) using the SLR project reference: **720.22013.00002 Pella Bulk Water Pipeline Upgrade**

Yours faithfully,

**Kate Hamilton**  
Senior Environmental Consultant

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## Kate Hamilton

---

**From:** Naidoo, V. (Vassi) <VassiN@Nedbank.co.za>  
**Sent:** Thursday, 03 September 2020 11:46  
**To:** Candice Sadan  
**Cc:** Kate Hamilton; Pushpender Singla  
**Subject:** Re: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Candice and Kate

Thank you for sending me the draft assessment report , which I have read as requested . I am in agreement with the overall conclusion, however , raise one issue for your consideration. The impact assessment pre migration on traffic as medium and yellow on the dashboard . I believe a more appropriate assessment would low .

While I raise this as a gut feeling I would be happy to be guided by you , as the experts on this matter .

Please keep safe and take care of yourselves .

Regards

Vassi

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---

**From:** Candice Sadan <csadan@slrconsulting.com>  
**Sent:** Wednesday, September 2, 2020 9:13:03 AM  
**To:** Candice Sadan <csadan@slrconsulting.com>  
**Cc:** Kate Hamilton <khamilton@slrconsulting.com>  
**Subject:** Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

---

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---

Dear Sir/ Madam

Black Mountain Mining (Pty) Ltd, a subsidiary of Vedanta Zinc International (VZI), owns and operates the Gamsberg Zinc Mine which commenced mining activities in June 2016. Water is currently sourced from the Orange River through an intake pump house located at Pelladrift almost 30 km to the north east of the Gamsberg Zinc Mine. Black Mountain Mining (Pty) Ltd, in conjunction with Sedibeng Water, is proposing to replace and upgrade the existing old underground pipeline and associated infrastructure.

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- Black Mountain Mining (Pty) Ltd website (<https://www.vedanta-zincinternational.com/sustainability/emprs>)

Please send all comments to SLR ([khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)) using the SLR project reference: **720.22013.00002**  
**Pella Bulk Water Pipeline Upgrade**

Yours faithfully,

**Kate Hamilton**  
Senior Environmental Consultant

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If you do not want to click on a link, please type the relevant address in your browser

\*\*\*\*\*

## Kate Hamilton

---

**From:** Clark, Sharon <Sharon.Clark@south32.net>  
**Sent:** Monday, 07 September 2020 13:56  
**To:** Kate Hamilton  
**Subject:** Comment: Pella Bulk Water Pipeline Upgrade Project

Afternoon

Please note regarding the Pella Bulk Water Pipeline Upgrade Project, the link for full report at <https://slrpublicdocs.datafree.co/public-documents/pellabar>, does not appear to work.

Regards  
Sharon

**Sharon Clark**  
Principal Environment

T +27 11 376 2290  
M +27 83 493 6264

39 Melrose Boulevard, Melrose Arch  
Johannesburg, Gauteng, 2196, South Africa

[sharon.clark@south32.net](mailto:sharon.clark@south32.net)  
[www.south32.net](http://www.south32.net)



Please consider th  
before printing this

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## Kate Hamilton

---

**From:** Jan Rooi <janrooi661@gmail.com>  
**Sent:** Saturday, 12 September 2020 09:28  
**To:** Kate Hamilton  
**Subject:** Opgradering

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Flagged

Goeie môre.

Wat ek nie verstaan nie is die opgradering van die bestaande water pyp lyn.

Ek het n brief gedateer die 15/10/2015

Geteken deur Mnr.Abrahams

Provincial Head Northern Cape van Dept.Water and Sanitation.

Daarin word toestemming gegee vir die opgradering van die bestaande pyplyn.

Dit is nie gedoen nie daar is toe n nuwe pyplyn gebou wat na Gamsberg gaan.

Dit kom neer dat daar iewers bedrog gepleeg is want die ou pyplyn was nie opgradeer nie

Applicable general authorization

Government notice no 1199 as published in Government Gazette no 32805 of December 2009

Veduidelik asb vir my hoeveel maal wil jule een pyplyding opgradeer.

Groete

Jan

## Kate Hamilton

---

**From:** Jan Rooi <janrooi661@gmail.com>  
**Sent:** Wednesday, 23 September 2020 15:17  
**To:** Kate Hamilton  
**Subject:** Servitude

Goeie middag kan u asb vir my n afskrif laat kry van die servitude  
No K346/1981S wat u hule noem in die report  
Groete  
Jan



## Kate Hamilton

---

**From:** Jan Rooi <janrooi661@gmail.com>  
**Sent:** Friday, 25 September 2020 12:09  
**To:** Kate Hamilton  
**Subject:** Servitude

Middag jamer om te pla n dankie vir die respond.

Die servitude wat u vir my gestuur het .

Dit het nie betrekking op Pella Mission Nr.39 wat die pyplyding plaas vind nie dit is alleenlik net op die plaas Aroams.

Correct me if i am wrong.

Groete

Jan

## Kate Hamilton

---

**From:** Jan Rooi <janrooi661@gmail.com>  
**Sent:** Wednesday, 30 September 2020 13:40  
**To:** Kate Hamilton  
**Subject:** Servitude /complain

Goeie dag Kate

Ons Pella Forum is nie gekant teen ontwikkeling nie.

Graag wil ek net die volgende by u hoor. Die servitudegebied hoe vêr strek dit op servitude nr.K767/1982S

Dit is mos waar die pypleiding opgradeer word en dit is op Pella gemeenskap grond.

In 2015 het Vedanta ook toestemming gekry om die bestaande pyplyn op te gradeer en hule het in 2017 n totale nuwe pypleiding gebou vir Gamsberg myn.

Dit is mos nie regverdig nie of moet ek sê bedrog is gepleeg..

Hier wil jule weer die ou pyplyn opgradeer it doesn't make sense madam or can you explain it to me please. How many times wil Vedanta upgrade the existing pipeline.

Regards

Jan

## Kate Hamilton

---

**From:** Jan Rooi <janrooi661@gmail.com>  
**Sent:** Friday, 02 October 2020 19:29  
**To:** Kate Hamilton  
**Cc:** Candice Sadan  
**Subject:** Servitude

Hi Kate this is not the answer.

I ask you about the servitude so please answer on that i know all about the activities on the mine in Gamsberg and Aggeneys...

The first company who start the mine is Gold Fields of S.A

So please answer me on the area of the servitude

Regards

Jan

## Kate Hamilton

---

**From:** Jan Rooi <janrooi661@gmail.com>  
**Sent:** Saturday, 10 October 2020 19:41  
**To:** Kate Hamilton  
**Subject:** Re: Servitude area  
**Attachments:** image889049.png

Hi Kate i understand all you explain to me.  
My concern is about the area ..  
The new pipeline is on end of the road and the old pipeline on the other side.  
That is not what stands in the servitude.  
Regards  
Jan

On Thu, 08 Oct 2020, 10:44 Kate Hamilton, <[khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)> wrote:

Dear Mr Rooi

The Sedibeng pipe line servitude runs the length of the pipeline and includes Pella Mission 39 (See attached document). This document gave Pella Water board the right to construct, inspect, maintain, renew or remove as required. This right according to the servitude deed is in perpetuity. This also allows right of way from the pump station along the route across the farm Pella Mission 39. When the Pella Water board was rolled into Sedibeng Water by Government decree all the equipment and rights associated with the Pella Water Board was transferred to Sedibeng Water.

Placing of the pipeline within the servitude on Sedibeng's behalf is therefore legal as per clause 1 of the servitude deed. The Deed also allows Sedibeng water to upgrade and or replace the pipeline as many times as is required.

Regards

Kate Hamilton



**Kate Hamilton**  
Senior Environmental Consultant



+27 11 467 0945

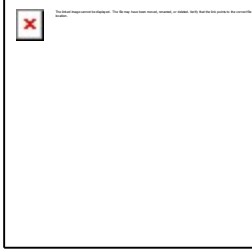


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---

**From:** Jan Rooi <[janrooi661@gmail.com](mailto:janrooi661@gmail.com)>  
**Sent:** Wednesday, 07 October 2020 19:17  
**To:** Kate Hamilton <[khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)>  
**Subject:** Servitude area

Hi Kate i am still waiting for the servitude area

Regards

Jan

## Candice Sadan

---

**From:** Alexander Cloete <alexander@hantam.co.za>  
**Sent:** Monday, 28 September 2020 11:55  
**To:** Candice Sadan  
**Attachments:** Pella Bulk water.pdf

Hi

Please find attached commends regarding the Pella bulk water pipeline project

Regards

Alexander



## SUSTAINABLE RESOURCE MANGEMENT

Saamstaan building, Stigling Street, Calvinia, Northern Cape, South Africa, 8190, Tel: (027)341 1238,  
Fax: (027) 341 1720, E-mail: alexander@hantam.co.za, web: www.agrinc.gov.za

Our Reference: Pella Bulk water Pipeline

Enquiries: A. C. Cloete

Your Reference:

Date: 2020/09/28

SLR Consulting (South Africa) (Pty) Ltd  
Suite1 - Building D,  
Monte Circle, 1  
78 Montecasino Boulevard  
Fourways  
Johannesburg,  
Gauteng, 2191

### APPLICATION FOR: PROPOSED PELLA BULK WATER PIPELINE UPGRADE PROJECT

#### 1. PURPOSE

To obtain approval for the upgrade of the existing bulk water supply pipeline

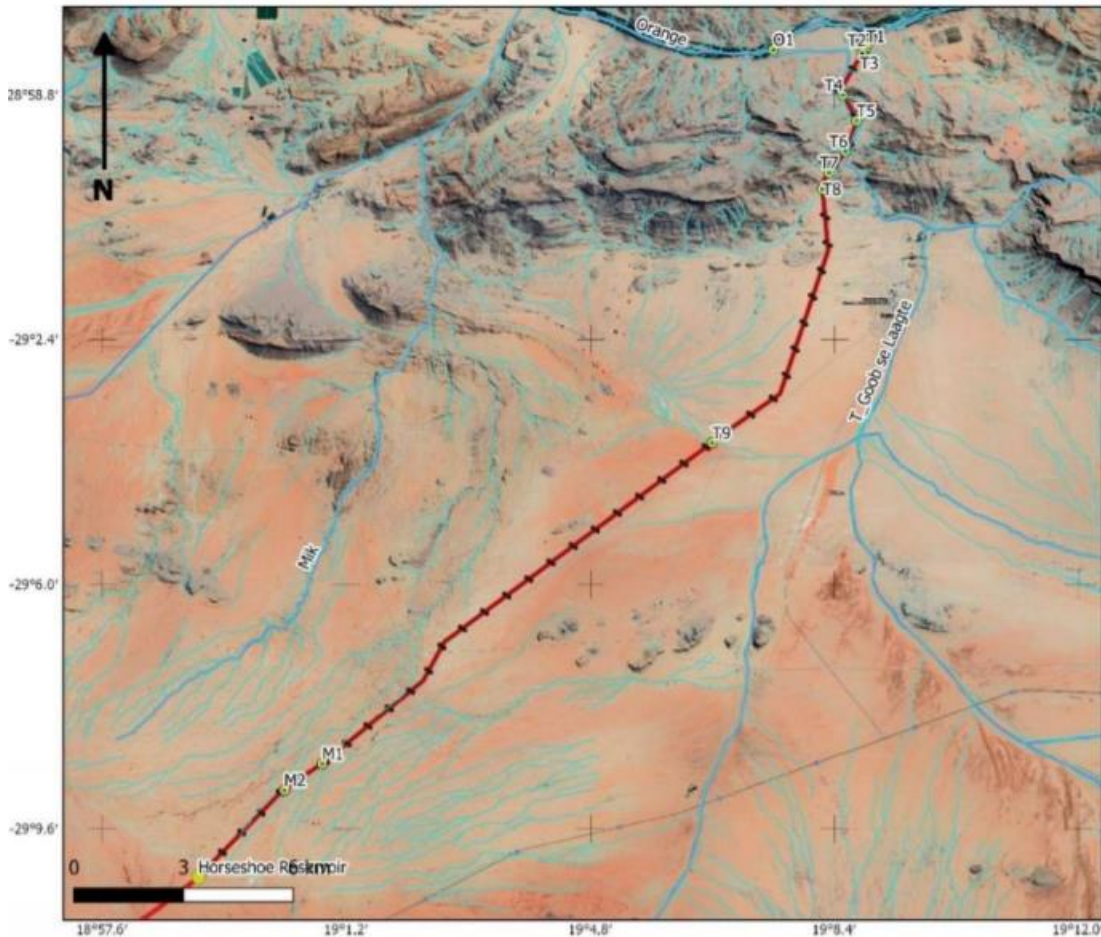
#### 2. BACKGROUND

The attached application refers to

- Northern Cape
- Namakwa District
- Khâi-Ma Local Municipality
- **The proposed bulk water pipeline will be constructed in a registered servitude owned by Sedibeng Water (Servitude number: K345/1981S)**

The construction/replacement of old infrastructure will take place within the registered servitude K345/1981S will take place on farm **Steinkopf 39** (see map A1)





Map A1

### 3. LEGISLATION

Norms and regulation promulgated in terms of the law is to ensure sustainable optimal use of the natural resources, prevention of degradation of agricultural land and to prohibit agricultural land to be divided into units that are not economically viable.

#### 3.1 Act 70 of 1970

3.1.1 The upgrading of the existing water pipe line will not have an effect on the long term farming potential of the farm

#### 3.2 Act 43 of 1983 (Soil conservation Act)

##### 3.2.1 Regulations 4, 5, 7, 8, 13 and 14

During the construction period, the natural vegetation cover of the land will be disturbed. This can potentially promote soil erosion caused by wind and water run-off from rain water. All necessary precautions must be applied to protect the land against erosion. Erosion measures must be implemented on all new and existing roads during the construction phase, because of excessive construction vehicle traffic.

Any erosion caused by any activity during the construction period must be reported to the Department of Agriculture, land reform and rural development

### **3.2.2 Regulation 15**

The clearing of the natural veld can also promote the infestation of weeds and invader alien plant species.

All weeds and invader plants must be controlled and reported to the Department of Agriculture, land reform and rural development.

## **4. RECOMMENDATION**

All precaution must be in place to protect the soil against erosion and to control weeds and invader plant species

The rehabilitation of the construction sites after completion of the works will remain the responsibility of the Sedibeng Water

This office does not have any objection to the proposed upgrade of the Bulk water pipeline



**AC CLOETE**

Control Technician (Sustainable Resource Management)

## Candice Sadan

---

**From:** Kate Hamilton  
**Sent:** Thursday, 08 October 2020 07:36  
**To:** Candice Sadan  
**Subject:** FW: Resjection of water project and Smelter

Hi Candice





Can you please add this email to the Smelter correspondence.

Thanks very much.

Kate

### Kate Hamilton

Senior Environmental Consultant

 2030  
 +27 11 467 0945  
 +27 72 850 0801  
 khamilton@slrconsulting.com

SLR Consulting  
SLR Consulting (Johannesburg office)  
Suite1 - Building D, Monte Circle  
178 Montecasino Boulevard  
Fourways  
Johannesburg, 2191

---

**From:** Paul Engelsman <paul@restassuredlife.co.za>  
**Sent:** Wednesday, 30 September 2020 14:10  
**To:** Kate Hamilton <khamilton@slrconsulting.com>  
**Subject:** Resjection of water project and Smelter

To whom it may concern:

I Paul Engelsman a resident of the Pella community reject this project, my main reason is that the mine Vedanta must come back and consult with us as the community as we have agreed with the ex CEO and both GM's of Gamsberg and Black Mountain. As far as we remember the community had a meeting with the mine and we rejected the project so why does the mine continue with the project.

Its clearly shows that corruption is at play, hence why I personally have laid a formal complain with the public protector against the municipality and DMR because our voices and opinions doesn't count hence why the only option is the legal route and if that's the way we need to follow to get justice for the community then we will.

For 40 years the mine is mining on our land which is an ACT 9 land and we as the hosting community hasn't benefit over these years so I say no to this project.

Please see link where 73 people from the Pella community that have signed and they are also against the project.

<http://chnq.it/bgfsMYk2Gq>

Regards

Paul Engelsman

0605041800

## Candice Sadan

---

**From:** Hein Mocke <Heinm@mocke.net>  
**Sent:** Wednesday, 09 September 2020 10:11  
**To:** Candice Sadan  
**Cc:** Kate Hamilton  
**Subject:** RE: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Dear Candice / Kate, can you please give us an indication when this enquiry will go to tender?

Regards

Hein Mocke  
Managing Director

Cell: +27 (83) 625-4097  
Office: +27 (10) 036-0002  
Fax: +27 (12) 345-3592  
Head Office: 37 Sovereign Drive, Route 21 Corporate Park, Irene  
Postal: PO Box 26205, Monument Park, 0105  
Website: www.mocke.net



Accountable Pipeline Solutions with Integrity

---

**From:** Candice Sadan <csadan@slrconsulting.com>  
**Sent:** Wednesday, 02 September 2020 09:10  
**To:** Candice Sadan <csadan@slrconsulting.com>  
**Cc:** Kate Hamilton <khamilton@slrconsulting.com>  
**Subject:** Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Dear Sir/ Madam

Black Mountain Mining (Pty) Ltd, a subsidiary of Vedanta Zinc International (VZI), owns and operates the Gamsberg Zinc Mine which commenced mining activities in June 2016. Water is currently sourced from the Orange River through an intake pump house located at Pelladrift almost 30 km to the north east of the Gamsberg Zinc Mine. Black Mountain Mining (Pty) Ltd, in conjunction with Sedibeng Water, is proposing to replace and upgrade the existing old underground pipeline and associated infrastructure.

SLR Consulting South Africa (Pty) Ltd has been appointed by Black Mountain Mining (Pty) Ltd as the independent Environmental Impact Assessment Practitioner for the Basic Assessment (BA) process for the proposed water infrastructure upgrades.

The Draft Basic Assessment Report (BAR) for the proposed Pella Bulk Water Pipeline Upgrade project has been made available for a public review period of 30 days, from 2 September 2020 to 2 October 2020. The Non-Technical Summary attached contains a brief synopsis of the BAR in both English and Afrikaans. Due to the Covid-19 pandemic, and according to the Department of Environment, Forestry and Fisheries (DEFF) Guidelines issued on 5 June 2020 restricting the issuing of hard copies into the public domain, the full BAR can be found in the following places for review:





- Project website - <https://slrpublicdocs.datafree.co/public-documents/pellabar> (which is accessible from internet-capable mobile phones without data charges); and
- Black Mountain Mining (Pty) Ltd website (<https://www.vedanta-zincinternational.com/sustainability/emprs>)

Please send all comments to SLR ([khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)) using the SLR project reference: **720.22013.00002 Pella Bulk Water Pipeline Upgrade**

Yours faithfully,

## Kate Hamilton

Senior Environmental Consultant



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Johannesburg, 2191



## Candice Sadan

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Newlands  
Cape Town, 7700



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## Kate Hamilton

---

**From:** Ina Basson <imr.bas653@gmail.com>  
**Sent:** Wednesday, 02 September 2020 09:56  
**To:** Kate Hamilton  
**Subject:** Waterpyplyn

Hiermee wil ons net ons ongelukkigheid as gemeenskap uitspreek.

Die pyplyn loop oor Pella gemeenskap grond (wet9) en ons as gemeenskap sê nogsteeds NEE want die pyplyn van Vedanta en Gamsberg het nog met hartseer en pyn veroorsaak geen pyplyn werk word toegelaat op Pella gemeenskap grond nie.

Ons hoop u verstaan in die verband

Groete

Ina Basson chairperson gemeenskapforum

im basson

## Kate Hamilton

---

**From:** Pradeep Shetty <pradeep.shetty@amsl-zm.com>  
**Sent:** Wednesday, 02 September 2020 20:58  
**To:** Candice Sadan  
**Cc:** Kate Hamilton; amslgamsberg@gmail.com; richard.almeida@amsl-zm.com; Dinesh Shetty  
**Subject:** Intruduction about AMSL  
**Attachments:** AMSL BROCHURE 2020.pdf

Dear Sir/Madam,

Greetings from AMSL

Regarding **720.22013.00002 Pella Bulk Water Pipeline Upgrade** pipe line and pumps related to BMM and GAMSBERG mine ,African mechanical and superlift limited (AMSL) like to introduce our self to you if you need any Engineering team to contract for piping, structure, tanks ,pump installation ,maintenance and civil work etc. we are here based in Gamsberg mine for your service ,please feel free to contact us.

We, African Mechanical & Superlift Limited (AMSL) are a leading Mechanical and Civil Engineering Company founded in 2008 in Zambia. AMSL undertakes projects such as Civil, Mechanical Fabrication / erection, piping (CS/SS/HDPE/FRP/PTFE etc.) & structural steel fabrication / erection, Installation of conveyors, flare stack, large diameter site fabricated storage tanks like cone roof, dome roof, floating roof including cryogenic tanks, Manpower supply for all category job, Construction of civil industrial, commercial and residential buildings and roads etc. and also Operation & Maintenance (AMC) of Process Plants.

In south Africa we are registered as a African mechanical and superlift limited (incorporated with Zambia) Reg No 2019/323029/10. Currently working in Gamsberg zinc Mine since 20 sept 2018 to till date. For Structural , Piping work ,Pump installation ,Project and supporting on mechanical maintenance works.

Additionally AMSL with well-coordinated support and guidance from its parent company Onshore Construction Co. pvt Ltd (OCCPL), India, has established itself as trustworthy contractor for fertilizer, chemical, Petrochemical, refinery, cross country pipe laying, heavy equipment erection as well as shutdown / revamp erection work. Till date, OCCPL has executed more than 200 projects and had the privilege of working with leading Engineering Consultants in India and Abroad. OCCPL and AMSL are certified for ISO 9001:2008, ISO 14001:2004 & ISO 18001:2007 for Quality, Environment, Health & Safety Management respectively.

In ZAMBIA, we have more than 35 cranes capacity ranging from 25MT to 400 MT. We also possess the wide range of other machinery like Tractors & Trailers, Earth-moving Equipment's, Civil Construction Equipment's, Material Handling Equipment's and various tools / tackles. Our fabrication Shop is Located in Chingola – Kitwe Road at Chingola with Total Area of 80,000 Sq. Meters and Built Up Area of 5000 Sq. Meters with modern fabrication facilities for all type of Structural, Tank ages, Ducting's, Piping Spools, Silo's, Hoppers, Heaters, Chimneys etc. with



In-house Blasting & Painting Shop, Oxygen Generating & Filling Plant and Maintenance Workshop for Our Heavy Lift Cranes.

We enclose herewith our Company Brochure for your kind perusal.

Visit our websites: [www.amsl-zm.com](http://www.amsl-zm.com) (Zambia) and [www.onshoreconstruction.com](http://www.onshoreconstruction.com) (India), for further details. Our Specialization is having Our Own Fleet of Heavy Lift Equipment's, Large Inventory of Tools, Tackles and Construction Machinery, Resource Mobilization ( Manpower & Machinery ) in Short Period, Establishing and Resource Mobilization in Overseas Countries.

Also find our company presentation in the below link.

<https://we.tl/t-b3Rd4Pfy6w>

**We look forward to hear from you.**

***Thanks and Regards***

***Pradeep Shetty***

***African Mechanical and Superlift Limited (SA)***

***Ph no : +27719404324***

## Kate Hamilton




---

**From:** Candice Sadan  
**Sent:** Wednesday, 02 September 2020 17:12  
**To:** Kate Hamilton  
**Subject:** FW: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

### Candice Sadan

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5th Floor, Letterstedt House, Newlands on Main  
Cnr Main and Campground Roads  
Newlands  
Cape Town, 7700

---

**From:** Jeremy Michaels <jeremy.michaels@ivanplats.com>  
**Sent:** Wednesday, 02 September 2020 09:12  
**To:** Candice Sadan <csadan@slrconsulting.com>  
**Subject:** Automatic reply: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Thank you for your email. Please note that I am no longer with Ivanhoe Mines and am contactable at jmichaels1000@icloud for personal correspondence. In case of any urgent company-related enquiries, please contact our Johannesburg office at +27 (0)11 088 4300 or visit [www.ivanhoemines.com](http://www.ivanhoemines.com) for alternative contacts.

Kind regards  
Jeremy Michaels

## Kate Hamilton




---

**From:** Candice Sadan  
**Sent:** Wednesday, 02 September 2020 17:13  
**To:** Kate Hamilton  
**Subject:** FW: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

### Candice Sadan

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 csadan@slrconsulting.com

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SLR Consulting (Cape Town office)  
5th Floor, Letterstedt House, Newlands on Main  
Cnr Main and Campground Roads  
Newlands  
Cape Town, 7700

---

**From:** Nazrana M Jassat <nazrana.jassat@cii.in>  
**Sent:** Wednesday, 02 September 2020 09:15  
**To:** Candice Sadan <csadan@slrconsulting.com>  
**Subject:** Automatic reply: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Good Day

Many thanks for your mail.

Please note that I will no longer be representing CII in South Africa as of June 2020.

Please direct all **Africa** related queries to the following CII Africa contacts:

Mr EB Rajesh - Regional Director (International Division - Africa)  
[e.b.rajesh@cii.in](mailto:e.b.rajesh@cii.in)

Mr Karanjit Singh - Deputy Director (International Division - Africa)  
[karanjit.singh@cii.in](mailto:karanjit.singh@cii.in)

The **India Business Forum** will ***continue activities as normal*** and I will remain as the General Secretary for this association.

You may contact me for any IBF related queries on the following details:

**Email:** [nazrana@indiabusinessforum.co.za](mailto:nazrana@indiabusinessforum.co.za)  
**Mobile:** +27 66 480 1261

Alternatively if you would like to reach out personally, please do so on the following details:

**Email:** [nazrana@nazranajassat.com](mailto:nazrana@nazranajassat.com)

**Mobile:** +27 66 480 1261

Kind regards

Nazrana

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## Candice Sadan

---

**From:** david@kamiesberg.gov.za  
**Sent:** Wednesday, 02 September 2020 09:51  
**To:** Candice Sadan  
**Cc:** Kate Hamilton  
**Subject:** RE: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Good Day

I am working for Kamiesberg Municipality, you should get in touch with someone at Nama Khoi- or Khai Ma Municipality.

Regards

David Adams  
Snr Admin Officer

**Kamiesberg Municipality**

Tel: 027 652 8015 | Fax : 027 652 8001 | Cell: 072 245 9354

Main Road 22 | Private Bag X200 | Garies | 8220

E-mail: [david@kamiesberg.gov.za](mailto:david@kamiesberg.gov.za) | Web: [www.kamiesberg.gov.za](http://www.kamiesberg.gov.za)



***"I'M NOT FORGOTTEN, GOD KNOWS MY NAME"***

---

**From:** Candice Sadan <csadan@slrconsulting.com>  
**Sent:** Wednesday, 02 September 2020 09:10  
**To:** Candice Sadan <csadan@slrconsulting.com>  
**Cc:** Kate Hamilton <khamilton@slrconsulting.com>  
**Subject:** Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Dear Sir/ Madam

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Please send all comments to SLR ([khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)) using the SLR project reference: **720.22013.00002 Pella Bulk Water Pipeline Upgrade**

Yours faithfully,

**Kate Hamilton**  
Senior Environmental Consultant

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-  +27 72 850 0801
-  [khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)

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## Candice Sadan

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**From:** Irvin Andrea <IAndrea@southey.co.za>  
**Sent:** Wednesday, 02 September 2020 09:15  
**To:** Candice Sadan  
**Subject:** RE: Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Good day Candice,

Can you please delete nevillearendse0@gmail.com as he's not employed with Southey any longer.

Kind regards,

Sent from my Samsung Galaxy smartphone.

Irvin Andrea

Contracts Manager / Divisional Director

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----- Original message -----

**From:** Candice Sadan <csadan@slrconsulting.com>  
**Date:** 2020/09/02 09:13 (GMT+02:00)  
**To:** Candice Sadan <csadan@slrconsulting.com>  
**Cc:** Kate Hamilton <khamilton@slrconsulting.com>  
**Subject:** Pella Bulk Water Pipeline: Basic Assessment Report for Public Review

Dear Sir/ Madam

Black Mountain Mining (Pty) Ltd, a subsidiary of Vedanta Zinc International (VZI), owns and operates the Gamsberg Zinc Mine which commenced mining activities in June 2016. Water is currently sourced from the Orange River through an intake pump house located at Pelladrift almost 30 km to the north east of the Gamsberg Zinc Mine. Black Mountain Mining (Pty) Ltd, in conjunction with Sedibeng Water, is proposing to replace and upgrade the existing old underground pipeline and associated infrastructure.

SLR Consulting South Africa (Pty) Ltd has been appointed by Black Mountain Mining (Pty) Ltd as the independent Environmental Impact Assessment Practitioner for the Basic Assessment (BA) process for the proposed water infrastructure upgrades.





The Draft Basic Assessment Report (BAR) for the proposed Pella Bulk Water Pipeline Upgrade project has been made available for a public review period of 30 days, from 2 September 2020 to 2 October 2020. The Non-Technical Summary attached contains a brief synopsis of the BAR in both English and Afrikaans. Due to the Covid-19 pandemic, and according to the Department of Environment, Forestry and Fisheries (DEFF) Guidelines issued on 5 June 2020 restricting the issuing of hard copies into the public domain, the full BAR can be found in the following places for review:

1. Project website - <https://slrpublicdocs.datafree.co/public-documents/pellabar> (which is accessible from internet-capable mobile phones without data charges); and
2. Black Mountain Mining (Pty) Ltd website (<https://www.vedanta-zincinternational.com/sustainability/emprs>)

Please send all comments to SLR ([khamilton@slrconsulting.com](mailto:khamilton@slrconsulting.com)) using the SLR project reference: **720.22013.00002 Pella Bulk Water Pipeline Upgrade**

Yours faithfully,



**Kate Hamilton**  
Senior Environmental Consultant

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Our Ref:



an agency of the  
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
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Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
CaseID: 15433

Date: Monday September 21, 2020  
Page No: 1

## Final Comment

### In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Mrs Katherine de Courcy Hamilton  
SLR Consulting (South Africa) (Pty) Ltd

**Black Mountain Mining (Pty) Ltd, in conjunction with Sedibeng Water, is proposing to replace and upgrade the ~ 30km long existing old underground pipeline and associated infrastructure. The current water demand is 28 ML/day. The upgrade is necessary in order to ensure that the pipeline capacity will meet the future water demand. The project is proposed near Pella in the Northern Cape Province.**

SLR Consulting (Pty) Ltd has been appointed by Black Mountain Mining (Pty) Ltd, in conjunction with Sedibeng Water to conduct an Environmental Authorisation (EA) Application for the proposed replacement and upgrade of a 30 km existing underground pipeline and associated infrastructure between the border of South Africa and Namibia on the Orange River to a point near Aggeneys, Northern Cape Province.

A Final Basic Assessment Report (FBAR) has been submitted in terms of the National Environmental Management Act, no 107 of 1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations. The proposed project will include the removal of the exiting underground pipeline and a new higher volume pipeline will be laid within the existing servitude. The footprint of the current abstraction tower is satisfactory and will not need to be increased. A new clarification plant of two 1 000 litre tanks and other facilities that will be located within the existing chemical room. A new 2ML reservoir will be constructed in close proximity to the existing reservoirs. The existing 11kV powerline will need to be upgraded to a 22kV powerline. The new booster pump station and reservoir will be located adjacent the existing infrastructure within the servitude. All new water infrastructure will be located within the existing servitude.

SAHRIS Case ID 10134 (<https://sahris.sahra.org.za/cases/letsoai-csp-site-1-eia>) has reference. In a previous application, the pipeline route was surveyed in 2017 and a Final Comment provided on the application that noted no objections and provided conditions

Heritage Contracts and Archaeological Consulting have been appointed to provide heritage specialist input as part of the BAR process as required by section 24(4)b(iii) of NEMA and section 38(3) and 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

*Van der Walt, J. 2020. RE: Letter of Recommendation for Exemption of a Heritage Impact Assessment (HIA)*

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*for the Pella Bulk Water Pipeline Project, Northern Cape.*

The specialist noted the previously identified Stone Age artefacts of low significance within the proposed development area. No other heritage resources were previously identified. A Chance Finds Procedure is recommended to be followed.

A small section of the pipeline crosses an area of moderate palaeontological sensitivity, however as the development will occur within an already disturbed footprint, no further assessment of the impact to palaeontological resources is required.

## Final Comment

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMPr:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. No further additional specific conditions are provided for the development;
- 38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Mimi Seetelo 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51(1) of the NHRA;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
  - i) If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of

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archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;

- As the Final BAR has been submitted without incorporating comments from SAHRA, this comment must be forwarded directly to the competent authority for their consideration during the decision making process as per section 38(8) of the NHRA. Proof of the delivery and receipt thereof must be submitted to the SAHRIS Case;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

---

Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

---

Phillip Hine  
Manager: Archaeology, Palaeontology and Meteorites Unit  
South African Heritage Resources Agency

**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/539483>  
(DENC, Ref: )

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## Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.